

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2018

or

TRANSITION REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission File Number: 001-16633



Array BioPharma Inc.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

84-1460811

(I.R.S. Employer Identification No.)

3200 Walnut Street, Boulder, CO

(Address of Principal Executive Offices)

80301

(Zip Code)

(303) 381-6600

(Registrant's Telephone Number, Including Area Code)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large Accelerated Filer

Non-Accelerated Filer

(do not check if smaller reporting company)

Accelerated Filer

Smaller Reporting Company

Emerging Growth Company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of May 4, 2018, the registrant had 210,637,094 shares of common stock outstanding.

ARRAY BIOPHARMA INC.
QUARTERLY REPORT ON FORM 10-Q
FOR THE QUARTERLY PERIOD ENDED MARCH 31, 2018
TABLE OF CONTENTS

	<u>Page No.</u>
<u>PART I</u>	<u>FINANCIAL INFORMATION</u>
<u>Item 1.</u>	<u>Condensed Consolidated Financial Statements</u>
	<u>Condensed Consolidated Balance Sheets as of March 31, 2018 and June 30, 2017 (unaudited)</u>
	<u>3</u>
	<u>Condensed Consolidated Statements of Operations and Comprehensive Loss for the three and nine months ended March 31, 2018 and 2017 (unaudited)</u>
	<u>4</u>
	<u>Condensed Consolidated Statement of Stockholders' Equity for the nine months ended March 31, 2018 (unaudited)</u>
	<u>5</u>
	<u>Condensed Consolidated Statements of Cash Flows for the nine months ended March 31, 2018 and 2017 (unaudited)</u>
	<u>6</u>
	<u>Notes to the Unaudited Condensed Consolidated Financial Statements</u>
	<u>7</u>
<u>Item 2.</u>	<u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>
	<u>27</u>
<u>Item 3.</u>	<u>Quantitative and Qualitative Disclosures About Market Risk</u>
	<u>35</u>
<u>Item 4.</u>	<u>Controls and Procedures</u>
	<u>35</u>
<u>PART II</u>	<u>OTHER INFORMATION</u>
<u>Item 1.</u>	<u>Legal Proceedings</u>
	<u>36</u>
<u>Item 1A.</u>	<u>Risk Factors</u>
	<u>36</u>
<u>Item 5.</u>	<u>Other Information</u>
	<u>36</u>
<u>Item 6.</u>	<u>Exhibits</u>
	<u>37</u>
<u>SIGNATURES</u>	<u>39</u>
<u>EXHIBIT INDEX</u>	

PART I. FINANCIAL INFORMATION
ITEM 1. CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

ARRAY BIOPHARMA INC.
Condensed Consolidated Balance Sheets
(In thousands, except share and per share data)
(Unaudited)

	March 31, 2018	June 30, 2017
Assets		
Current assets		
Cash and cash equivalents	\$ 73,855	\$ 125,933
Marketable securities	364,555	108,390
Accounts receivable	44,158	31,279
Prepaid expenses and other current assets	5,222	4,575
Total current assets	487,790	270,177
Long-term assets		
Marketable securities	1,108	732
Property and equipment, net	7,554	8,132
Other long-term assets	555	104
Total long-term assets	9,217	8,968
Total assets	\$ 497,007	\$ 279,145
Liabilities and Stockholders' Equity		
Current liabilities		
Accounts payable	\$ 11,723	\$ 8,636
Accrued outsourcing costs	34,334	31,388
Accrued compensation and benefits	10,345	10,172
Other accrued expenses	2,779	1,575
Deferred rent	689	624
Notes payable at fair value	12,800	—
Deferred revenue	12,419	17,156
Total current liabilities	85,089	69,551
Long-term liabilities		
Deferred rent	5,783	5,714
Deferred revenue	44,945	57,325
Long-term debt, net	94,555	121,305
Notes payable at fair value	—	12,600
Other long-term liabilities	1,485	923
Total long-term liabilities	146,768	197,867
Total liabilities	231,857	267,418
Commitments and contingencies		
Stockholders' equity		
Preferred stock, \$0.001 par value; 10,000,000 shares authorized, no shares issued and outstanding	—	—
Common stock, \$0.001 par value; 280,000,000 shares authorized, 210,503,949 and 171,307,715 shares issued and outstanding as of March 31, 2018 and June 30, 2017, respectively	210	171
Additional paid-in capital	1,279,256	930,293
Accumulated other comprehensive loss	(757)	(76)
Accumulated deficit	(1,013,559)	(918,661)
Total stockholders' equity	265,150	11,727
Total liabilities and stockholders' equity	\$ 497,007	\$ 279,145

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

ARRAY BIOPHARMA INC.
Condensed Consolidated Statements of Operations and Comprehensive Loss
(In thousands, except per share data)
(Unaudited)

	Three Months Ended		Nine Months Ended	
	March 31,		March 31,	
	2018	2017	2018	2017
Revenue				
Reimbursement revenue	\$ 24,751	\$ 26,085	\$ 65,338	\$ 85,354
Collaboration and other revenue	10,113	5,530	26,629	17,849
License and milestone revenue	31,503	1,665	46,364	13,871
Total revenue	<u>66,367</u>	<u>33,280</u>	<u>138,331</u>	<u>117,074</u>
Operating expenses				
Cost of partnered programs	17,712	7,432	43,187	25,303
Research and development for proprietary programs	53,636	46,069	137,694	139,101
Selling, general and administrative	16,773	11,714	40,428	28,410
Total operating expenses	<u>88,121</u>	<u>65,215</u>	<u>221,309</u>	<u>192,814</u>
Loss from operations	(21,754)	(31,935)	(82,978)	(75,740)
Other income (expense)				
Loss on extinguishment and conversion of Notes	—	—	(6,457)	—
Impairment loss related to cost method investment	—	—	—	(1,500)
Realized gains on investments and other	69	785	69	785
Change in fair value of notes payable	(100)	(1,300)	(200)	(2,100)
Interest income	1,295	228	3,075	510
Interest expense	(2,361)	(3,095)	(8,407)	(9,181)
Total other income (expense), net	<u>(1,097)</u>	<u>(3,382)</u>	<u>(11,920)</u>	<u>(11,486)</u>
Net loss	<u>\$ (22,851)</u>	<u>\$ (35,317)</u>	<u>\$ (94,898)</u>	<u>\$ (87,226)</u>
Change in unrealized loss on marketable securities	(81)	(36)	(681)	(93)
Comprehensive loss	<u>\$ (22,932)</u>	<u>\$ (35,353)</u>	<u>\$ (95,579)</u>	<u>\$ (87,319)</u>
Weighted average shares outstanding – basic	<u>208,994</u>	<u>169,020</u>	<u>194,434</u>	<u>160,689</u>
Weighted average shares outstanding – diluted	<u>208,994</u>	<u>169,020</u>	<u>194,434</u>	<u>160,689</u>
Net loss per share – basic	<u>\$ (0.11)</u>	<u>\$ (0.21)</u>	<u>\$ (0.49)</u>	<u>\$ (0.54)</u>
Net loss per share – diluted	<u>\$ (0.11)</u>	<u>\$ (0.21)</u>	<u>\$ (0.49)</u>	<u>\$ (0.54)</u>

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

ARRAY BIOPHARMA INC.
Condensed Consolidated Statement of Stockholders' Equity
(In thousands)
(Unaudited)

	Common Stock		Additional Paid-in Capital	Accumulated Other Comprehensive Loss	Accumulated Deficit	Total
	Shares	Amounts				
Balance as of June 30, 2017	171,308	\$ 171	\$ 930,293	\$ (76)	\$ (918,661)	\$ 11,727
Shares issued for cash under employee share plans	3,703	3	18,271	—	—	18,274
Employee share-based compensation expense	—	—	13,538	—	—	13,538
Issuance of common stock, net of offering costs / At-the-market offering	2,554	3	40,337	—	—	40,340
Issuance of common stock, net of offering costs / Public offering	24,070	24	242,994	—	—	243,018
Extinguishment of 2020 Notes	7,956	8	(15,705)	—	—	(15,697)
Conversion of 2020 Notes	913	1	5,418	—	—	5,419
Issuance of 2024 Notes	—	—	44,110	—	—	44,110
Change in unrealized loss on marketable securities	—	—	—	(681)	—	(681)
Net loss	—	—	—	—	(94,898)	(94,898)
Balance as of March 31, 2018	<u>210,504</u>	<u>\$ 210</u>	<u>\$ 1,279,256</u>	<u>\$ (757)</u>	<u>\$ (1,013,559)</u>	<u>\$ 265,150</u>

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

ARRAY BIOPHARMA INC.
Condensed Consolidated Statements of Cash Flows
(In thousands)
(Unaudited)

	Nine Months Ended March 31,	
	2018	2017
Cash flows from operating activities		
Net loss	\$ (94,898)	\$ (87,226)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization expense	1,700	1,499
Non-cash interest expense	4,931	5,311
Share-based compensation expense	13,538	6,898
Loss on extinguishment and conversion of Notes	6,457	—
Realized gain from investment	—	(529)
Impairment loss related to cost method investment	—	1,500
Financing fees on notes payable	—	240
Change in fair value of notes payable	200	2,100
Changes in operating assets and liabilities:		
Accounts receivable	(12,879)	6,795
Prepaid expenses and other assets	(1,098)	3,040
Accounts payable and other accrued expenses	4,291	(1,084)
Accrued outsourcing costs	2,946	11,468
Accrued compensation and benefits	173	(1,196)
Deferred rent	134	1,721
Deferred revenue	(17,117)	(7,278)
Other long-term liabilities	468	80
Net cash used in operating activities	<u>(91,154)</u>	<u>(56,661)</u>
Cash flows from investing activities		
Purchases of property and equipment	(1,122)	(3,307)
Purchases of marketable securities	(395,369)	(351,438)
Proceeds from sales and maturities of marketable securities	138,241	281,751
Proceeds from investment	—	529
Net cash used in investing activities	<u>(258,250)</u>	<u>(72,465)</u>
Cash flows from financing activities		
Proceeds from issuance of common stock / Public offering	258,750	132,250
Offering costs for issuance of common stock / Public offering	(15,732)	(8,058)
Proceeds from issuance of common stock / At-the-market offering	41,216	20,076
Offering costs for the issuance of common stock / At-the-market offering	(876)	(499)
Net proceeds from notes payable at fair value	—	9,760
Proceeds from employee stock purchases and options exercised	18,274	2,298
Proceeds from Silicon Valley Bank term loan	—	15,000
Repayment of Comerica term loan principal	—	(14,550)
Payment for debt issuance costs	(4,306)	—
Net cash provided by financing activities	<u>297,326</u>	<u>156,277</u>
Net increase (decrease) in cash and cash equivalents	(52,078)	27,151
Cash and cash equivalents at beginning of period	125,933	56,598
Cash and cash equivalents at end of period	<u><u>\$ 73,855</u></u>	<u><u>\$ 83,749</u></u>
Supplemental disclosure of cash flow information		
Cash paid for interest	<u>\$ 2,260</u>	<u>\$ 2,324</u>
Change in unrealized loss on marketable securities	<u>\$ (681)</u>	<u>\$ (93)</u>

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

ARRAY BIOPHARMA INC.
Notes to the Unaudited Condensed Consolidated Financial Statements

NOTE 1 – OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Organization

Array BioPharma Inc. (also referred to as "Array," "we," "us," "our," or "the Company"), incorporated in Delaware on February 6, 1998, is a biopharmaceutical company focused on the discovery, development and commercialization of targeted small molecule cancer therapies.

Yarra Therapeutics, LLC, a Delaware limited liability company ("Yarra"), is a wholly-owned subsidiary of the Company formed in December 2017 that holds certain rights and assets related to the Company's ARRY-797 drug program, including all patents, patent applications and other intellectual property rights, pre-clinical and clinical data, regulatory submissions, inventory, contracts, equipment and books and records related to the ARRY-797 drug program.

Basis of Presentation

The accompanying unaudited condensed consolidated financial statements have been prepared pursuant to the rules and regulations of the Securities and Exchange Commission ("SEC") for interim reporting and, as permitted under those rules, do not include all of the disclosures required by U.S. generally accepted accounting principles ("U.S. GAAP") for complete financial statements. The unaudited condensed consolidated financial statements reflect all normal and recurring adjustments that, in the opinion of management, are necessary to present fairly the Company's financial position, results of operations and cash flows for the interim periods presented. Operating results for an interim period are not necessarily indicative of the results that may be expected for a full year. The Company's management performed an evaluation of its activities through the date of filing of this Quarterly Report on Form 10-Q.

These unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited financial statements and the notes thereto for the fiscal year ended June 30, 2017, included in its Annual Report on Form 10-K filed with the SEC on August 11, 2017, from which the Company derived its balance sheet data as of June 30, 2017.

The Company operates in one reportable segment and, accordingly, no segment disclosures have been presented herein. All of the Company's equipment, leasehold improvements and other fixed assets are physically located within the U.S., and the vast majority of its agreements with its partners are denominated in U.S. dollars.

Use of Estimates

The preparation of condensed consolidated financial statements in conformity with U.S. GAAP requires the Company's management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue and expenses, and related disclosure of contingent assets and liabilities. Management bases its estimates on the Company's historical experience and on various other assumptions that it believes are reasonable under the circumstances. These estimates are the basis for the Company's judgments about the carrying values of assets and liabilities, which in turn may impact its reported revenue and expenses. The Company's actual results could differ significantly from these estimates under different assumptions or conditions.

The Company believes its condensed consolidated financial statements are most significantly impacted by the following accounting estimates and judgments: (i) identifying deliverables under collaboration and license agreements involving multiple elements and determining whether such deliverables are separable from other aspects of the contractual relationship; (ii) estimating the selling price of deliverables for the purpose of allocating arrangement consideration for revenue recognition; (iii) estimating the periods over which the allocated consideration for deliverables is recognized; (iv) estimating accrued outsourcing costs for clinical trials and preclinical testing; and (v) estimating fair value of the convertible senior notes and the notes payable.

Liquidity

With the exception of fiscal year 2015, the Company has incurred operating losses and an accumulated deficit as a result of ongoing research and development spending since inception. As of March 31, 2018, the Company had an accumulated deficit of \$1.0 billion. The Company had net losses of \$22.9 million and \$94.9 million for the three and nine months ended March 31, 2018 and net losses of \$116.8 million and \$92.8 million for the fiscal years ended June 30, 2017 and 2016, respectively. The Company had net income of \$9.4 million for the fiscal year ended June 30, 2015.

The Company has historically funded its operations from upfront fees, proceeds from research and development reimbursement arrangements, license and milestone payments received under its drug collaborations and license agreements, and proceeds from the sale of equity securities and debt provided by convertible debt and other credit facilities. The Company believes that its cash, cash equivalents and marketable securities as of March 31, 2018 will enable it to continue to fund operations in the normal course of business for more than a 12-month period from the date of filing this Quarterly Report on Form 10-Q. Until the Company can generate sufficient levels of cash from operations, which it does not expect to achieve in at least the next two years, and because sufficient funds may not be available to it when needed from existing collaborations, the Company expects that it will be required to continue to fund its operations in part through the sale of debt or equity securities, and through licensing select programs or partial economic rights that include upfront, royalty and/or milestone payments.

The Company's ability to successfully raise sufficient funds through the sale of debt or equity securities or from debt financing from lenders when needed is subject to many risks and uncertainties and, even if it were successful, future equity issuances would result in dilution to its existing stockholders and any future debt or debt securities may contain covenants that limit the Company's operations or ability to enter into certain transactions. The Company also may not successfully consummate new collaboration and license agreements that provide for upfront fees or milestone payments or on favorable terms to the Company, or the Company may not earn milestone payments under such agreements when anticipated, or at all. The Company's ability to realize milestone or royalty payments under existing agreements and to enter into new arrangements that generate additional revenue through upfront fees and milestone or royalty payments is subject to a number of risks, many of which are beyond the Company's control.

The Company's assessment of its future need for funding and its ability to continue to fund its operations is a forward-looking statement that is based on assumptions that may prove to be wrong and that involve substantial risks and uncertainties. The Company's actual future capital requirements could vary as a result of a number of factors.

If the Company is unable to generate enough revenue from its existing or new collaboration and license agreements when needed or to secure additional sources of funding and receive related full and timely collections of amounts due, it may be necessary to significantly reduce the current rate of spending through reductions in staff and delaying, scaling back, or stopping certain research and development programs, including more costly late phase clinical trials on its wholly-owned programs. Insufficient liquidity may also require the Company to relinquish greater rights to product candidates at an earlier stage of development or on less favorable terms to the Company and its stockholders than the Company would otherwise choose in order to obtain upfront license fees needed to fund operations.

Concentration of Business Risks

The following counterparties contributed greater than 10% of the Company's total revenue during at least one of the periods set forth below. The revenue from these counterparties as a percentage of total revenue was as follows:

	Three Months Ended		Nine Months Ended	
	March 31,		March 31,	
	2018	2017	2018	2017
Novartis Pharmaceuticals	37.3%	79.7%	47.2%	74.1%
ASLAN	34.7%	—%	16.6%	—%
Pierre Fabre	9.2%	8.0%	10.6%	7.1%
Loxo Oncology	3.6%	6.1%	5.9%	11.4%
	<u>84.8%</u>	<u>93.8%</u>	<u>80.3%</u>	<u>92.6%</u>

[Table of Contents](#)

The loss of one or more of the Company's significant partners or collaborators could have a material adverse effect on its business, operating results or financial condition. Although the Company is impacted by economic conditions in the biotechnology and pharmaceutical sectors, management does not believe significant credit risk exists as of March 31, 2018.

Geographic Information

The following table details revenue by geographic area based on the country in which the Company's counterparties are headquartered (in thousands):

	Three Months Ended		Nine Months Ended	
	March 31,		March 31,	
	2018	2017	2018	2017
North America	\$ 4,682	\$ 3,200	\$ 14,845	\$ 16,826
Europe	33,744	29,223	82,892	97,564
Asia Pacific	27,941	857	40,594	2,684
Total revenue	\$ 66,367	\$ 33,280	\$ 138,331	\$ 117,074

Accounts Receivable

Novartis Pharmaceutical Ltd. and Novartis Pharma AG (collectively, "Novartis") accounted for 58% and 70% of the Company's total accounts receivable balance as of March 31, 2018 and June 30, 2017, respectively. ASLAN Pharmaceuticals Pte. Ltd. ("ASLAN") accounted for 25% and 0% of the Company's total accounts receivable balance as of March 31, 2018 and June 30, 2017, respectively. Pierre Fabre Medicament SAS ("Pierre Fabre") accounted for 11% and 7% of the Company's total accounts receivable balance as of March 31, 2018 and June 30, 2017, respectively.

Summary of Significant Accounting Policies

The Company's significant accounting policies are described in Note 1 to its audited financial statements for the fiscal year ended June 30, 2017, included in its Annual Report on Form 10-K filed with the SEC. There have been no material changes in the Company's significant accounting policies as previously disclosed in the 2017 Annual Report.

Recent Accounting Pronouncements

In May 2014, the FASB issued Accounting Standards Update (ASU) No. 2014-09, *Revenue from Contracts with Customers*, which requires entities to recognize revenue from the transfer of promised goods or services to customers based on the amount of the consideration to which the entity expects to be entitled to receive in exchange for those goods or services. The new guidance also requires additional disclosure about the nature, amount, timing and uncertainty of revenue and cash flows arising from customer contracts, including significant judgments and changes in judgments and assets recognized from costs incurred to obtain or fulfill a contract. In March 2016, the FASB issued ASU No. 2016-08, *Revenue from Contracts with Customers (Topic 606): Principal versus Agent Considerations*. The purpose of ASU No. 2016-08 is to clarify the implementation of guidance relating to principal versus agent considerations. For public entities, the amendments in ASU No. 2016-08 are effective for interim and annual reporting periods beginning after December 15, 2017. The Company is currently evaluating the impact of ASU No. 2016-08 on its condensed consolidated financial statements and related disclosures. The FASB subsequently issued ASU No. 2016-10, *Revenue from Contracts with Customer (Topic 606) Identifying Performance Obligations and Licensing*, to address issues arising from implementation of the new revenue recognition standard. ASU 2014-09 and ASU 2016-10 are effective for interim and annual periods beginning July 1, 2018, and may be adopted earlier, but not before July 1, 2017. The revenue standards are required to be adopted by taking either a full retrospective or a modified retrospective approach. The Company has not elected early adoption and has not determined an adoption method. The Company is continuing to assess the impact of the new guidance on its accounting policies and procedures and is evaluating the new requirements as applied to existing revenue contracts. While this assessment is still in progress, the Company believes the most significant impact will relate to the timing of collaboration revenues, where the recognition of variable consideration such as milestone payments may be accelerated. In conjunction with

[Table of Contents](#)

its continuing assessment of the impact of the new guidance, the Company is also evaluating its method of adoption and reviewing and updating its internal controls over financial reporting to ensure that information required to implement the new standard is appropriately captured and recorded. The Company will implement any changes as required to facilitate adoption of the new guidance beginning in the first quarter of fiscal 2019. In addition, the Company continues to monitor additional changes, modifications, clarifications or interpretations undertaken by the FASB or others, which may impact its current conclusions.

In January 2016, the FASB issued ASU No. 2016-01, *Recognition and Measurement of Financial Assets and Financial Liabilities*. ASU No. 2016-01 requires equity investments to be measured at fair value with changes in fair value recognized in net income; simplifies the impairment assessment of equity investments without readily determinable fair values by requiring a qualitative assessment to identify impairment; eliminates the requirement for public business entities to disclose the method(s) and significant assumptions used to estimate the fair value that is required to be disclosed for financial instruments measured at amortized cost on the balance sheet; requires public business entities to use the exit price notion when measuring the fair value of financial instruments for disclosure purposes; requires an entity to present separately in other comprehensive income the portion of the total change in the fair value of a liability resulting from a change in the instrument-specific credit risk when the entity has elected to measure the liability at fair value in accordance with the fair value option for financial instruments; requires separate presentation of financial assets and financial liabilities by measurement category and form of financial assets on the balance sheet or the accompanying notes to the condensed consolidated financial statements and clarifies that an entity should evaluate the need for a valuation allowance on a deferred tax asset related to available-for-sale securities in combination with the entity's other deferred tax assets. ASU No. 2016-01 is effective for financial statements issued for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. The Company is currently evaluating the impact that ASU No. 2016-01 will have on its condensed consolidated financial statements and related disclosures.

In February 2016, the FASB issued ASU No. 2016-02, *Leases (Topic 842)* which supersedes FASB ASC Topic 840, *Leases (Topic 840)* and provides principles for the recognition, measurement, presentation and disclosure of leases for both lessees and lessors. The new standard requires lessees to apply a dual approach, classifying leases as either finance or operating leases based on the principle of whether or not the lease is effectively a financed purchase by the lessee. This classification will determine whether lease expense is recognized based on an effective interest method or on a straight-line basis over the term of the lease, respectively. A lessee is also required to record a right-of-use asset and a lease liability for all leases with a term of greater than twelve months regardless of classification. Leases with a term of twelve months or less will be accounted for similar to existing guidance for operating leases. The standard is effective for annual and interim periods beginning after December 15, 2018, with early adoption permitted upon issuance. The Company is currently evaluating the impact that ASU 2016-02 will have on its condensed consolidated financial statements and related disclosures.

In June 2016, the FASB issued ASU No. 2016-13, *Financial Instruments - Credit Losses: Measurement of Credit Losses on Financial Instruments* (ASU 2016-13). ASU 2016-13 requires that expected credit losses relating to financial assets measured on an amortized cost basis and available-for-sale debt securities be recorded through an allowance for credit losses. ASU 2016-13 limits the amount of credit losses to be recognized for available-for-sale debt securities to the amount by which carrying value exceeds fair value and also requires the reversal of previously recognized credit losses if fair value increases. The new standard will be effective for the Company on July 1, 2020. Early adoption will be available on July 1, 2019. The Company is currently evaluating the effect that ASU 2016-13 will have on its condensed consolidated financial statements and related disclosures.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flows (Topic 230)*. This amendment will provide guidance on the presentation and classification of specific cash flow items to improve consistency within the statement of cash flows. ASU 2016-15 is effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2017, with early adoption permitted. The Company is evaluating the effect that ASU 2016-15 will have on its condensed consolidated financial statements and related disclosures.

In November 2016, the FASB issued ASU 2016-18, *Statement of Cash Flows (Topic 230) Restricted Cash*. The new guidance requires that the reconciliation of the beginning-of-period and end-of-period amounts shown in the statement of cash flows include restricted cash and restricted cash equivalents. If restricted cash is presented separately from cash and cash equivalents on the balance sheet, companies will be required to reconcile the amounts presented on the statement of cash flows to the amounts on the balance sheet. Companies will also need to disclose information about the nature of the restrictions. The guidance is effective for fiscal years beginning after December 15, 2017,

[Table of Contents](#)

and interim periods within those fiscal years. The Company does not anticipate ASU 2016-18 will have a material impact on its condensed consolidated financial statements upon adoption.

In January 2017, the FASB issued ASU 2017-01, *Business Combinations (Topic 805) Clarifying the Definition of a Business*. The amendments in this ASU clarify the definition of a business with the objective of adding guidance to assist entities with evaluating whether transactions should be accounted for as acquisitions (or disposals) of assets or businesses. The definition of a business affects many areas of accounting including acquisitions, disposals, goodwill, and consolidation. The guidance is effective for annual periods beginning after December 15, 2017, including interim periods within those periods. The Company does not anticipate ASU 2017-01 will have a material impact on its condensed consolidated financial statements upon adoption.

In May 2017, the FASB issued ASU 2017-09, *Compensation-Stock Compensation (Topic 718): Scope of Modification Accounting*, which clarifies when to account for a change to the terms or conditions of a share-based payment award as a modification. Under the new guidance, modification accounting is required only if the fair value, the vesting conditions, or the classification of the award (as equity or liability) changes as a result of the change in terms or conditions. It is effective prospectively for the annual period ending June 30, 2019 and interim periods within that annual period. Early adoption is permitted. The Company does not expect ASU 2017-09 will have a significant impact on its condensed consolidated financial statements upon adoption.

In July 2017, the FASB issued ASU 2017-11, *Earnings Per Share (Topic 260), Distinguishing Liabilities from Equity (Topic 480) and Derivatives and Hedging (Topic 815): I. Accounting for Certain Financial Instruments with Down Round Features; II. Replacement of the Indefinite Deferral for Mandatorily Redeemable Financial Instruments of Certain Nonpublic Entities and Certain Mandatorily Redeemable Noncontrolling Interests with a Scope Exception*. Part I of this update addresses the complexity of accounting for certain financial instruments with down round features. Down round features are features of certain equity-linked instruments (or embedded features) that result in the strike price being reduced on the basis of the pricing of future equity offerings. Current accounting guidance creates cost and complexity for entities that issue financial instruments (such as warrants and convertible instruments) with down round features that require fair value measurement of the entire instrument or conversion option. Part II of this update addresses the difficulty of navigating *Topic 480, Distinguishing Liabilities from Equity*, because of the existence of extensive pending content in the FASB Accounting Standards Codification. This pending content is the result of the indefinite deferral of accounting requirements about mandatorily redeemable financial instruments of certain nonpublic entities and certain mandatorily redeemable noncontrolling interests. The amendments in Part II of this update do not have an accounting effect. This ASU is effective for fiscal years, and interim periods within those years, beginning after December 15, 2018. The Company is evaluating the effect that ASU 2017-11 will have on its condensed consolidated financial statements and related disclosures.

NOTE 2 – MARKETABLE SECURITIES

Marketable securities consisted of the following as of March 31, 2018 and June 30, 2017 (in thousands):

	March 31, 2018			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Short-term available-for-sale securities:				
U.S. treasury securities	\$ 365,243	\$ —	\$ (757)	\$ 364,486
Mutual fund securities	69	—	—	69
	365,312	—	(757)	364,555
Long-term available-for-sale securities:				
Mutual fund securities	1,108	—	—	1,108
	1,108	—	—	1,108
Total	\$ 366,420	\$ —	\$ (757)	\$ 365,663

	June 30, 2017			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Short-term available-for-sale securities:				
U.S. treasury securities	\$ 108,174	\$ —	\$ (76)	\$ 108,098
Mutual fund securities	292	—	—	292
	108,466	—	(76)	108,390
Long-term available-for-sale securities:				
Mutual fund securities	732	—	—	732
	732	—	—	732
Total	\$ 109,198	\$ —	\$ (76)	\$ 109,122

The majority of the mutual fund securities shown in the above tables are securities held under the Array BioPharma Inc. Deferred Compensation Plan.

The estimated fair value of the Company's marketable securities, all of which are classified as Level 1 (quoted prices are available), was \$365.7 million and \$109.1 million as of March 31, 2018 and June 30, 2017, respectively. The estimated fair value of the Company's marketable securities is determined using quoted prices in active markets for identical assets based on the closing price as of the balance sheet date.

As of March 31, 2018, the amortized cost and estimated fair value of available-for-sale securities by contractual maturity were as follows (in thousands):

	Amortized Cost	Fair Value
Due in one year or less	\$ 365,243	\$ 364,486
Total	\$ 365,243	\$ 364,486

NOTE 3 – COLLABORATION AND OTHER AGREEMENTS

The following table summarizes total revenue recognized for the periods indicated (in thousands):

	Three Months Ended March 31,		Nine Months Ended March 31,	
	2018	2017	2018	2017
<u>Reimbursement revenue</u>				
Novartis (1)	\$ 24,751	\$ 26,085	\$ 65,338	\$ 85,354
<u>Collaboration and other revenue</u>				
Pierre Fabre	5,347	1,919	12,370	6,072
Loxo	2,416	1,937	7,069	6,742
Mirati	1,376	875	4,187	2,625
Amgen	530	—	1,530	—
Asahi Kasei	240	257	970	885
Seattle Genetics	148	71	254	123
Ono	36	—	123	—
Novartis (2)	—	450	—	1,350
Other partners	20	21	126	52
Total collaboration and other revenue	10,113	5,530	26,629	17,849
<u>License and milestone revenue</u>				
ASLAN	23,000	—	23,000	—
Asahi Kasei	—	600	10,000	1,800
Ono	4,665	—	6,502	—
Pierre Fabre	750	750	2,250	2,250
Loxo	—	106	1,107	6,571
Mirati	208	209	625	625
Roche	—	—	—	2,500
Other partners	2,880	—	2,880	125
Total license and milestone revenue	31,503	1,665	46,364	13,871
Total revenue	\$ 66,367	\$ 33,280	\$ 138,331	\$ 117,074

(1) Consists of reimbursable expenses incurred and accrued as reimbursement revenue that are receivable under the Transition Agreements with Novartis.

(2) Represents the recognition of revenue that was deferred from the consideration received in March 2015 upon the effective date of the Termination and Asset Transfer Agreement with Novartis relating to binimetinib.

On January 3, 2018, the Company entered into a License Agreement (the “License Agreement”) with ASLAN, a Singapore corporation, pursuant to which the Company granted ASLAN full global rights to develop, manufacture and commercialize varlitinib (ARRY-543), a HER2 / EGFR inhibitor invented by Array. The License Agreement replaces and supersedes the Collaboration and License Agreement dated July 12, 2011, between the Company and ASLAN in which ASLAN was responsible for the development of varlitinib to proof-of-concept and for the identification of a partner to complete phase 3 development and commercialization of varlitinib. The terms of the new License Agreement grant ASLAN exclusive global rights to develop, commercialize and sublicense varlitinib. Array received a \$12.0 million upfront payment and is entitled to receive a further upfront payment of between \$11.0 million and \$12.0 million within the subsequent 12 months. Pursuant to the accounting guidance for revenue recognition for multiple-element arrangements, the Company determined that the exclusive license is the only deliverable with stand-alone value under the License Agreement. The fixed and determinable upfront consideration of \$23.0 million was allocated to the license and was recognized as license revenue in January 2018.

[Table of Contents](#)

Deferred revenue balances were as follows for the dates indicated (in thousands):

	March 31, 2018	June 30, 2017
Ono	\$ 28,473	\$ 31,229
Pierre Fabre	23,145	25,395
Asahi Kasei	—	9,000
Mirati	2,043	4,167
Loxo	3,203	2,690
Amgen	500	2,000
Total deferred revenue	57,364	74,481
Less: Current portion	(12,419)	(17,156)
Deferred revenue, long-term portion	\$ 44,945	\$ 57,325

Milestone Payments

The Development and Commercialization Agreement with Pierre Fabre contains substantive potential milestone payments of up to \$15.0 million for achievement of one regulatory milestones relating to European Commission marketing approvals for one specified indications and of up to \$390.0 million for achievement of seven commercialization milestones if certain net sales amounts are achieved for any licensed indications.

The License, Development and Commercialization Agreement with Ono Pharmaceutical Co., Ltd. ("Ono") contains substantive potential milestone payments of up to ¥1.4 billion (\$13.2 million) for achievement of three remaining development milestones, ¥5.0 billion (\$47.0 million) for the achievement of eight regulatory milestones and ¥10.5 billion (\$98.8 million) for the achievement of five commercialization milestones if certain annual net sales targets are achieved. As of March 31, 2018, ¥1.0 billion was the equivalent of approximately \$9.4 million (based on the exchange rate published by Oanda).

The Drug Discovery Collaboration Option Agreement with Mirati Therapeutics, Inc. ("Mirati") contains substantive potential milestone payments of up to \$18.5 million for eight remaining developmental milestones and up to \$674.0 million for the achievement of fourteen commercialization milestones if certain net sales amounts are achieved in the United States, the European Union and Japan.

The Drug Discovery Collaboration Agreement with Loxo Oncology contains substantive potential milestone payments for certain nominated programs of up to \$14.0 million for four remaining developmental milestones and up to \$625.0 million for the achievement of twenty-two commercialization milestones if certain net sales amounts are achieved for any licensed drug candidates in the United States, the European Union and Japan.

The Collaboration and License Agreement with Asahi Kasei Pharma Corporation ("Asahi Kasei") contains milestone payments of up to \$10.0 million related to the achievement of three remaining developmental and regulatory milestones and up to \$52.5 million upon the first commercial sale and the achievement of three additional commercialization milestones upon the first commercial sale and if certain net sales amounts are achieved.

The Research Collaboration and License Agreement with Amgen contains substantive potential milestone payments of up to \$3.0 million for preclinical development services over a two-year period unless Amgen terminates the Agreement with 60 days' written notice to Array in advance of the contracted payment dates. The Research Collaboration and License Agreement with Amgen contains substantive potential milestone payments of up to \$14.0 million for two development milestones and up to \$140.0 million for the achievement of four commercialization milestones if certain net sales amounts are achieved for any licensed drug candidates.

The License Agreement with ASLAN contains substantive potential milestone payments of up to \$50.0 million for six development milestones and up to \$55.0 million for the achievement of four commercialization milestones if certain net sales amounts are achieved.

[Table of Contents](#)

The Collaboration and License Agreement with AstraZeneca, PLC contains substantive potential milestone payments for selumetinib of up to \$36.0 million for nine remaining regulatory milestones and up to \$34.0 million for the achievement of three commercialization milestones if first commercial sale is achieved in the United States, the European Union and Japan.

On July 28, 2017, AstraZeneca and Merck announced that they entered into an agreement to share the development and commercialization costs for selumetinib monotherapy and non-PD-L1/PD-1 combination therapy opportunities. Array remains eligible to receive from AstraZeneca milestones and royalties on all future selumetinib sales and now expects to receive a portion of certain consideration paid by Merck to AstraZeneca under this agreement. Array has informed AstraZeneca, however, that it is disputing the consideration that AstraZeneca has paid Array related to both upfront and potential future milestones under AstraZeneca's agreement with Merck. Furthermore, prior to the announcement of the AstraZeneca / Merck agreement, Array informed AstraZeneca of its position that the Neurofibromatosis type 1 (NF1) development program is outside the permitted field of its license. Array commenced legal proceedings against AstraZeneca on December 7, 2017 naming AstraZeneca as the defendant in New York State Court in Manhattan regarding this dispute.

NOTE 4 – DEBT

Outstanding debt consists of the following (in thousands):

	March 31, 2018	June 30, 2017
Notes Payable at fair value	\$ 12,800	\$ 12,600
2020 convertible senior notes	\$ —	\$ 132,250
2024 convertible senior notes	126,060	—
Silicon Valley Bank term loan (1)	16,200	16,200
Long-term debt, gross	142,260	148,450
Less: Unamortized debt discount and fees	(47,705)	(27,145)
Long-term debt, net	\$ 94,555	\$ 121,305

(1) Outstanding debt owed to Silicon Valley Bank includes a \$1.2 million final payment fee.

Redmile Notes Payable

On September 2, 2016, the Company entered into a Note Purchase Agreement (the "Note Purchase Agreement") with Redmile Capital Offshore Fund II, Ltd. and Redmile Biopharma Investments I, L.P. (collectively, "Redmile") pursuant to which the Company issued to Redmile Subordinated Convertible Promissory Notes (the "Notes") in the aggregate original principal amount of \$10.0 million. The Notes bear interest at the rate of 5% per annum and, unless converted or otherwise repaid or satisfied as described below, the principal amount and all accrued interest thereon plus an aggregate exit fee (the "Repayment Amount") is due and payable on maturity.

On August 7, 2017, the Company entered into an amendment to the Notes issued to Redmile pursuant to which the maturity date of the Notes was extended to August 6, 2018 (the "Maturity Date") and the exit fee of the Notes was increased from \$3.0 million to an amount equal to 50%, or \$5.0 million, of the principal amount under the Notes. If an event of default specified under the Notes occurs, the Note holders may declare the Repayment Amount, and any other amounts payable under the Notes, immediately due and payable. The Company evaluated its debt amendments under ASC 470 and determined that the amendments do not qualify as a troubled debt restructuring or an extinguishment and therefore the effects of the amendments are reflected as a change in fair value.

Conversion of the Notes

The Notes contemplate that, solely at the Company's choice, the Company may elect to form a subsidiary (the "797 Subsidiary") and contribute certain assets and rights relating to its drug ARRY-797 in exchange for all of the outstanding equity of such 797 Subsidiary. As described below, the Company formed the 797 Subsidiary, Yarra Therapeutics, LLC, and contributed the related ARRY-797 assets to Yarra in December 2017. If a preferred stock financing of the 797 Subsidiary of at least \$10.0 million in aggregate gross proceeds (excluding conversion of the Note) to bona fide

[Table of Contents](#)

institutional investors other than the Note holders (a "Qualified Financing") closes prior to the Maturity Date, then all outstanding principal and accrued interest under the Notes shall convert automatically into the shares of capital stock issued in the Qualified Financing at a conversion price equal to the lesser of (A) 80% of the purchase price of the securities sold in the Qualified Financing if the closing of the Qualified Financing occurs on or prior to March 1, 2017, or 70% of the purchase price of the securities sold in the Qualified Financing if the closing of the Qualified Financing occurs after March 1, 2017, and (B) the price per share calculated in the same manner as the price per share of equity securities sold in the Qualified Financing, but instead based on a pre-money valuation of the 797 Subsidiary of \$75.0 million.

If a Qualified Financing has not closed on or prior to the Maturity Date, then the Company shall have the right to convert, on the Maturity Date, the Repayment Amount into shares of a newly established series of the Company's preferred stock, to be designated as Series A Convertible Preferred Stock, at a conversion price equal to the average daily volume-weighted average price per share of the Company's common stock during the ten (10) consecutive trading days ending on the trading day immediately preceding the Maturity Date. The shares issued upon any such conversion shall be subject to an aggregate cap equal to 19.99% of the outstanding shares of the Company's common stock, on an as-converted basis, on the Maturity Date.

Other Repayment Provisions

If, solely at the Company's choice, prior to the closing of a Qualified Financing or other conversion or repayment or other satisfaction in full of the Notes, the Company sells or transfers substantially all of the assets and rights relating to ARRY-797 to a third party other than the holders of the Notes or any of its affiliates (a "797 Sale"), then upon the closing of such 797 Sale and in full satisfaction of the Notes, the Company is required to pay to the Note holders an amount equal to the greater in the aggregate of (i) \$20.0 million or (ii) 15% of the fair market value of the consideration actually paid to the Company or the 797 Subsidiary (or any of their respective affiliates or stockholders) in the 797 Sale, subject to an aggregate \$100.0 million cap.

If, solely at the Company's choice, the Company enters into an agreement with a third party other than the holders of the Notes or any of their affiliates to license ARRY 797 on an exclusive basis for the development and commercialization of ARRY-797 in all fields of use in the United States and any other territories (a "Qualified 797 License") prior to the closing of a Qualified Financing or other conversion or repayment or other satisfaction in full of the Notes, then upon entering into such Qualified 797 License and in full satisfaction of the Notes, the Company is required to pay to the Note holders an amount in the aggregate equal to 50% of the first \$50.0 million in aggregate milestone or royalty payments plus 20% of any subsequent milestone or royalty payments, in each case actually paid to the Company or the 797 Subsidiary (or any of their respective affiliates), as the case may be, pursuant to such Qualified 797 License, subject to an aggregate cap of \$100.0 million. In addition, if solely at its choice the Company enters into an exclusive license for the development and commercialization of ARRY-797 to a third party in one or more territories that do not include the United States, the Note holders have the right to elect to treat such license agreement as a "Qualified 797 License" by giving Array written notice of such election with five business days of the effective date of the license agreement.

If all or substantially all of the assets of the Company are sold or other change in control of the Company specified in the Notes occurs prior to the closing of a Qualified Financing or other conversion or repayment or other satisfaction in full of the Notes, then upon the closing of such transaction and in full satisfaction of the Notes, at the third party acquirer's option, the Company is required to either: (i) pay to the Note holders a cash amount in the aggregate equal to \$40.0 million; or (ii) (A) pay to the Note holders a cash amount in the aggregate equal to \$25.0 million; and (B) grant, or cause to be granted, a right of first refusal to the Note holders to acquire the 797 Subsidiary or the 797 Assets, as the case may be.

Accounting for the Notes

Due to the complexity and number of embedded features within the Notes and as permitted under accounting guidance, the Company elected to account for the Notes and all the embedded features under the fair value option. The Company recognizes the Notes at fair value rather than at historical cost, with changes in fair value recorded in the statements of operations. Direct costs and fees incurred to issue the Notes were recognized in earnings as incurred and were not deferred. On the initial measurement date of September 2, 2016, the fair value of the Notes was estimated at \$10.0 million. On August 7, 2017 when the Notes were amended, the fair value of the Notes was estimated at \$12.0 million. Upfront costs and fees related to items for which the fair value option was elected was \$0.2 million and was recorded as a component of other expenses for the three months ended September 30, 2016.

[Table of Contents](#)

As of March 31, 2018, the fair value of the Notes was \$12.8 million. For more information on the fair value determination of the Notes, see *Note 5 - Redmile Notes*.

Formation of 797 Subsidiary

The Company formed the 797 Subsidiary, Yarra Therapeutics, LLC, a Delaware limited liability company ("Yarra"), and contributed certain rights and assets related to ARRY-797, including all patents, patent applications and other intellectual property rights, pre-clinical and clinical data, regulatory submissions, inventory, contracts, equipment and books and records related to its ARRY-797 drug program (the "797 Assets"), to Yarra in December 2017. Yarra is currently a wholly-owned subsidiary of Array and Array has appointed a Chief Executive Officer of Yarra who, among other things, will be seeking equity financing for Yarra to fund further development of the 797 Assets. The formation of Yarra and the Company's contribution of the 797 Assets described above did not trigger any obligations under the Other Repayment Provisions or the terms associated with the conversion of the Notes as the Company has not yet sold or licensed any technology to a third party nor has Yarra entered into a Qualified Financing.

Registration Rights

If the Company elects to convert the Notes into shares of Series A Convertible Preferred Stock as described above, the Company has agreed in the Note Purchase Agreement to register such shares under the Securities Act of 1933, as amended (the "Securities Act"), on a registration statement on Form S-3. In such event, the Company must file the registration statement on the Maturity Date and use commercially reasonable efforts to cause the registration statement to become effective as promptly as possible after such filing, but no later than 75 days after the Maturity Date. The Company may suspend the availability of the registration statement for any bona fide reason for up to 15 consecutive days in any 90-day period, provided that such deferral periods do not total more than 45 days in any 12-month period. If the Company defaults on certain of its obligations relating to the registration of such shares of Series A Preferred Stock, the Company must pay an amount in the aggregate equal to 5% of the purchase price of the Notes to which the affected registered shares relate. The Company has agreed to pay all costs and expenses associated with the registration of the Series A Convertible Preferred Stock and, with certain exceptions, to indemnify the holders of shares registered on any such registration against liabilities relating to any such registration.

Silicon Valley Bank Term Loan

On December 22, 2016 (the "Effective Date") the Company entered into a Loan and Security Agreement (the "Loan Agreement") with Silicon Valley Bank ("SVB") providing for a term loan in the original principal amount of \$15.0 million (the "Term Loan Amount") and a revolving line of credit of up to \$5.0 million ("Revolving Line"). The Company may request advances under the revolving line of credit, which may be repaid and reborrowed, or utilize the line of credit for the issuance of letters of credit, foreign exchange contracts or other cash management services. The Company utilized \$14.6 million of the proceeds from the term loan to repay in full its outstanding obligations under the Loan and Security Agreement dated June 28, 2005, as amended, with Comerica Bank. The entire Term Loan Amount was loaned on the Effective Date, and the Company has obtained a letters of credit in the aggregate amount of \$2.9 million to secure the Company's obligations under its lease agreement for its Boulder, Colorado and Cambridge, Massachusetts facilities. The cost of the term loan approximated its fair value.

The outstanding principal amount under the term loan bears interest at a floating per annum rate equal to the Prime Rate minus 2.0% (but not less than 0.0%) and the principal amount of any advances outstanding under the revolving line bear interest at a floating per annum rate equal to the prime rate. The interest rate was 2.75% as of March 31, 2018. The Company must make monthly payments of interest under the term loan commencing January 1, 2017 until maturity and, commencing on January 1, 2019 and monthly thereafter, the Company must also make payments of principal under the term loan based on a 36-month amortization schedule. Payments of accrued interest on any advances outstanding under the revolving line of credit are payable monthly. A final payment of accrued interest and principal due on the term loan and on any outstanding advances is due on the maturity date of December 1, 2021.

The Loan Agreement provides for a revolving line commitment fee of \$50 thousand, payable in five equal installments from the Effective Date and an unused revolving line facility fee equal to 0.2% per annum of the average unused portion of the Revolving Line. Upon repayment or acceleration of the term loan, a final payment fee equal to 8.0% of the Term Loan Amount is payable. The final payment fee of \$1.2 million is being recognized on a straight line basis over the term of the loan and is being reflected as debt discount. If the term loan is prepaid or accelerated prior to the maturity date, the Company must also pay a fee equal to (i) 2.0% of the Term Loan Amount if such prepayment or acceleration occurs on or prior to the first anniversary of the Effective Date, or (ii) 1.0% of the Term Loan Amount

[Table of Contents](#)

if such prepayment or acceleration occurs after the first anniversary of the Effective Date. If the revolving line is terminated prior to the maturity date for any reason, the Company must pay a termination fee equal to (i) 2.0% of the Revolving Line if such termination occurs on or prior to the first anniversary of the Effective Date, or (ii) 1.0% of the Revolving Line if such termination occurs after the first anniversary of the Effective Date.

The Company granted SVB a first priority security interest in all assets other than its intellectual property, provided that accounts and proceeds of the Company's intellectual property constitutes collateral and the Company has agreed not to encumber its intellectual property without SVB's consent. The Loan Agreement contains customary covenants, including restrictions on changes in control of the Company, the incurrence of additional indebtedness, future encumbrances on Array's assets, the payment of dividends or distributions on the Company's common stock and the sale, lease, transfer or disposition of Binimetinib and Encorafenib outside of certain markets if the Company's cash and cash equivalents maintained with SVB fall below certain levels. In addition, the Company must maintain a liquidity ratio, defined as (i) the Company's unrestricted cash and cash equivalents maintained at SVB or its affiliates plus eligible accounts divided by (ii) all outstanding obligations owed to SVB, of at least 2.0 to 1.0, measured monthly.

Upon an event of default under the Loan Agreement, SVB is entitled to accelerate and demand payment of all amounts outstanding under the Loan Agreement, including payment of all applicable termination and prepayment fees, demand that the Company deposit at least 105% of the face amount of any letters of credit remaining undrawn to secure all obligations thereunder, and exercise other remedies available to SVB under the Loan Agreement and at law or in equity.

3.00% Convertible Senior Notes Due 2020 (Retired)

On June 10, 2013, through a registered underwritten public offering, the Company issued and sold \$132.3 million aggregate principal amount of 3.00% convertible senior notes due 2020 (the "2020 Notes"), resulting in net proceeds to Array of approximately \$128.0 million after deducting the underwriting discount and offering expenses. As described below, in December 2017, the Company completed an exchange with certain holders of the 2020 Notes of \$126.1 million in principal of the 2020 Notes for an equal principal amount of newly issued 2.625% convertible senior notes due 2024 and for shares of the Company's common stock. The holders of the remaining 2020 Notes elected to convert all remaining outstanding 2020 Notes into shares of the Company's common stock in December 2017.

The 2020 Notes were the general senior unsecured obligations of Array. The 2020 Notes bore interest at a rate of 3.00% per year, payable semi-annually on June 1 and December 1 of each year with all principal due at maturity. The 2020 Notes were scheduled to mature on June 1, 2020, unless earlier converted by the holders or redeemed by the Company.

Exchange and Conversion of 2020 Notes

On November 16 and November 20, 2017, the Company entered into separate, privately negotiated exchange agreements ("Exchange Agreements") with a limited number of holders ("Noteholders") of its outstanding 2020 Notes, pursuant to which the Company agreed to exchange (the "Exchanges") approximately \$126.1 million in aggregate principal amount of 2020 Notes held by the Noteholders for (i) an aggregate of 8.0 million shares of its Common Stock (collectively, the "Exchange Shares"), and (ii) an aggregate of \$126.1 million in aggregate principal amount of its newly issued 2.625% Convertible Senior Notes due 2024 (the "2024 Notes"). As a result of the Exchanges, the fair value of the common shares issued in the Exchanges and the reacquisition of the previously recorded conversion option on the 2020 Notes were recorded in stockholder's equity. The net impact of these two items was a reduction to stockholder's equity of \$15.7 million.

Upon completion of the Exchanges on December 1, 2017, the aggregate principal amount of the 2020 Notes was reduced to approximately \$6.2 million. On December 4, 2017, the Company issued a notice of redemption to the remaining holders of the remaining 2020 Notes, pursuant to which the Company would redeem the outstanding 2020 Notes for cash unless the holders of such 2020 Notes notified the Company of their intention to convert their 2020 Notes into shares of the Company's common stock based on the conversion rate then in effect. As of December 31, 2017, holders of the remaining 2020 Notes had converted such 2020 Notes into an aggregate of 0.9 million shares of the Company's common stock representing full retirement of the Company's obligations under the 2020 Notes. The Company accounted for the exchange of the 2020 Notes for the 2024 Notes and conversion of the 2020 Notes as debt extinguishments in accordance with ASC 470 and as a result recorded a \$6.5 million loss on extinguishment for the three months ended December 31, 2017. The amount recorded to stockholder's equity related to this conversion was \$5.4 million.

2.625% Convertible Senior Notes Due 2024

The 2024 Notes issued on December 1, 2017 in the Exchanges are the Company's direct unsecured obligations and rank equal in right of payment with all of the Company's other existing and future unsecured and unsubordinated indebtedness, including the Redmile Notes. The 2024 Notes are effectively subordinated to any of the Company's existing and future secured indebtedness, including the Company's indebtedness under its loan and security agreement with Silicon Valley Bank, to the extent of the value of the Company's assets that secure such indebtedness.

The 2024 Notes will mature on December 1, 2024 and bear interest at a rate of 2.625%, payable semiannually in arrears on June 1 and December 1 of each year, beginning on June 1, 2018.

Prior to September 1, 2024, holders may convert the 2024 Notes only under the following circumstances: (1) during any fiscal quarter commencing after December 31, 2017, if the last reported sale price of the Company's common stock for at least 20 trading days (whether or not consecutive) during the period of 30 consecutive trading days ending on the last trading day of the immediately preceding fiscal quarter is greater than or equal to 130% of the applicable conversion price on each applicable trading day; (2) during the five consecutive business day period after any five consecutive trading day period (the "measurement period") in which the trading price per \$1,000 principal amount of 2024 Notes for each trading day of the measurement period was less than 98% of the product of the last reported sale price of the common stock and the applicable conversion rate on each such trading day; (3) if the Company calls the 2024 Notes for redemption, at any time prior to the close of business on the business day prior to the redemption date; or (4) upon the occurrence of certain corporate events specified in the Indenture dated December 1, 2017 (the "Indenture") with The Bank of New York Mellon Trust Company, N.A., trustee of the 2024 Notes (the "Trustee"). On or after September 1, 2024 until the close of business on the scheduled trading day immediately prior to the maturity date, holders may convert their 2024 Notes at any time, regardless of the foregoing circumstances. Upon conversion, the holders will receive, at the Company's option, shares of the Company's common stock, cash or a combination of shares and cash. The 2024 Notes will be convertible at an initial conversion rate of 64.6987 shares per \$1,000 in principal amount of 2024 Notes, equivalent to a conversion price of approximately \$15.46 per share, subject to certain adjustments set forth in the Indenture.

Upon the occurrence of a fundamental change (as defined in the Indenture) involving Array, holders of the 2024 Notes may require Array to repurchase all or a portion of their Notes for cash at a price equal to 100% of the principal amount of the Notes to be purchased, plus accrued and unpaid interest to, but excluding, the fundamental change repurchase date.

On or after December 8, 2021 and prior to September 1, 2024, the Company may redeem for cash all or part of the outstanding 2024 Notes if the last reported sale price of the Company's common stock has been at least 130% of the conversion price then in effect for at least 20 trading days (whether or not consecutive), including at least one of the five trading days immediately preceding the date on which the Company provides notice of redemption, during any 30 consecutive trading day period ending on, and including, the trading day immediately preceding the date on which the Company provides notice of redemption. The redemption price will equal 100% of the principal amount of the 2024 Notes to be redeemed, plus all accrued and unpaid interest to, but excluding, the redemption date.

The Indenture contains customary terms and covenants and events of default. If an event of default (as defined in the Indenture) occurs and is continuing, the Trustee by notice to the Company, or the holders of at least 25% in aggregate principal amount of the 2024 Notes then outstanding by notice to the Company and the Trustee, may, and the Trustee at the request of such holders shall, declare 100% of the principal of, premium, if any, and accrued and unpaid interest on all the Notes to be due and payable. In the case of an event of default arising out of certain bankruptcy or insolvency events (as set forth in the Indenture), 100% of the principal of, premium, if any, and accrued and unpaid interest on the 2024 Notes will automatically become due and payable. Notwithstanding the foregoing, if Array fails to comply with certain reporting covenants under the Indenture, the Company may elect to pay additional interest on the Notes as the sole remedy for such a default.

The Indenture provides that the Company shall not amalgamate or consolidate with or merge with or into another person, or convey, transfer or lease its properties and assets substantially as an entirety to another person, unless (a) the successor person, if any, is a corporation organized and existing under the laws of the United States, any state of the United States or the District of Columbia and expressly assumes by supplemental indenture all of the Company's obligations under the 2024 Notes and the Indenture; (b) immediately after giving effect to the transaction, no default or event of default shall have occurred and be continuing; (c) the Company shall have undertaken

[Table of Contents](#)

commercially reasonable efforts to restructure the 2024 Notes so that, after any such transaction is given effect, any conversion of the 2024 Notes would be exempt from the registration requirements of the Securities Act pursuant to Section 3(a)(9) thereof; (d) the Company shall have delivered to the Trustee an officers' certificate and an opinion of counsel, each stating that such transaction and such supplemental indenture (if any) comply with the Indenture; and (e) other conditions specified in the Indenture are met.

In accordance with ASC 470-20, the Company used an effective interest rate of 9.75% to determine the liability component of the 2024 Notes. This resulted in the recognition of \$80.4 million as the liability component of the 2024 Notes and the recognition of the residual \$45.7 million as the debt discount with a corresponding increase to additional paid-in capital for the equity component of the 2024 Notes. The underwriting discount and estimated offering expenses of \$4.3 million were allocated between the debt and equity issuance costs in proportion to the allocation of the liability and equity components of the 2024 Notes. Equity issuance costs of \$1.6 million were recorded as an offset to additional paid-in capital. Total debt issuance costs of \$2.7 million were recorded on the issuance date, and are reflected in the Company's balance sheets for all periods presented on a consistent basis with the debt discount, or as a direct deduction from the carrying value of the associated debt liability. The debt discount and debt issuance costs will be amortized as non-cash interest expense through December 1, 2024. The balance of unamortized debt issuance costs was \$2.7 million as of March 31, 2018.

The fair value of the 2024 Notes was approximately \$169.7 million at March 31, 2018 and was determined using Level 2 inputs based on their quoted market values.

Summary of Interest Expense

The following table shows the details of the Company's interest expense for all of its debt arrangements outstanding during the periods presented, including contractual interest, and amortization of debt discount, debt issuance costs and loan transaction fees that were charged to interest expense (in thousands). Convertible Senior Notes includes both the 2020 Notes and the 2024 Notes.

	Three Months Ended		Nine Months Ended	
	March 31,		March 31,	
	2018	2017	2018	2017
<u>Notes payable</u>				
Simple interest	\$ 122	\$ 123	\$ 374	\$ 289
Fees paid	—	—	—	240
Total interest expense on the notes payable at fair value	122	123	374	529
<u>Comerica Term Loan (1)</u>				
Simple interest	—	—	—	247
Amortization of prepaid fees for letters of credit	—	—	—	2
Total interest expense on the Comerica term loan	—	—	—	249
<u>Silicon Valley Bank Term Loan</u>				
Simple interest	100	66	280	73
Amortization of prepaid fees for line of credit	14	43	99	43
Amortization of debt discount	80	84	242	84
Total interest expense on the Silicon Valley Bank term loan	194	193	621	200
<u>Convertible Senior Notes</u>				
Contractual interest	835	992	2,723	2,976
Amortization of debt discount	1,141	1,691	4,432	4,946
Amortization of debt issuance costs	69	96	257	281
Total interest expense on convertible senior notes	2,045	2,779	7,412	8,203
Total interest expense	\$ 2,361	\$ 3,095	\$ 8,407	\$ 9,181

(1) Previous term loan that was repaid in December 2016 using proceeds from the Silicon Valley Bank term loan.

NOTE 5 – FAIR VALUE MEASUREMENTS

The following tables show the fair value of the Company's financial instruments classified into the fair value hierarchy and measured on a recurring basis on the condensed balance sheets as of March 31, 2018 and June 30, 2017 (in thousands):

Fair Value Measurement as of March 31, 2018				
	Level 1	Level 2	Level 3	Total
Assets				
<i>Current Assets</i>				
U.S. treasury securities	\$ 364,486	\$ —	\$ —	\$ 364,486
Mutual fund securities	69	—	—	69
<i>Long-term Assets</i>				
Mutual fund securities	1,108	—	—	1,108
Total assets	\$ 365,663	\$ —	\$ —	\$ 365,663
Liabilities				
Notes payable, at fair value	\$ —	\$ —	\$ 12,800	\$ 12,800

Fair Value Measurement as of June 30, 2017				
	Level 1	Level 2	Level 3	Total
Assets				
<i>Current Assets</i>				
U.S. treasury securities	\$ 108,098	\$ —	\$ —	\$ 108,098
Mutual fund securities	292	—	—	292
<i>Long-term Assets</i>				
Mutual fund securities	732	—	—	732
Total assets	\$ 109,122	\$ —	\$ —	\$ 109,122
Liabilities				
Notes payable, at fair value	\$ —	\$ —	\$ 12,600	\$ 12,600

The table below provides a rollforward of the changes in fair value of Level 3 financial instruments for the nine months ended March 31, 2018, comprising the Redmile Notes described below (in thousands):

	Notes Payable at Fair Value
Balance at June 30, 2017	\$ 12,600
Change in fair value	200
Balance at March 31, 2018	\$ 12,800

Redmile Notes

To measure the fair value of the principal amount on the Notes issued to Redmile, the Company was required to determine the fair value of the principal amount on the Notes and the conversion feature of the Notes. The Company utilized a Monte Carlo simulation to determine the method of payment of the principal amount by potential outcome and scenario, and applied the income approach to determine the fair value of the Notes, discounting the principal amount due under the Notes by market interest rates under potential scenarios. The Monte Carlo simulation utilized the following assumptions: (i) expected term; (ii) common stock price; (iii) risk-free interest rate; and (iv) expected volatility. The assumptions the Company used in the simulation were based on factors the Company believed that

[Table of Contents](#)

participants would use in pricing the liability components, including market interest rates, credit standing, yield curves, volatilities, and risk-free rates, all of which are defined as Level 3 observable inputs.

To measure the fair value of the conversion feature of the Notes issued to Redmile, the Company performed an analysis to estimate the pre-money value of the 797 Subsidiary. The Company then applied the pre-money value of the 797 Subsidiary to the conversion scenarios under the Notes to determine the fair value of the conversion feature.

The Company incorporated the estimated volatilities and the risk-free rates on the principal amount of the Notes into the Monte Carlo simulation under each potential scenario and weighted volatility and rates based on the probability of each scenario occurring. Subsequently, the estimated implied interest rates were applied to the principal amount of these Notes under potential scenarios and were weighted based on the probability of each scenario occurring.

The fair value of the Notes was impacted by certain unobservable inputs, most significantly management's assumptions regarding the discount rates used, the probabilities of certain scenarios occurring, expected volatility, share price performance, and expected scenario timing. Significant changes to these inputs in isolation or in the aggregate could result in a significantly different fair value measurement.

NOTE 6 – STOCKHOLDERS' EQUITY

Common Stock Offering

On September 19, 2017, the Company closed an underwritten public offering of 24.1 million shares of its common stock, which included 3.1 million shares of common stock issued upon the exercise in full of the option to purchase additional shares granted to the underwriters in the offering. The shares were sold to the public at an offering price of \$10.75 per share. The total net proceeds from the offering were \$243.0 million, after underwriting discounts and commissions and offering expenses of approximately \$15.7 million. The Company intends to use the net proceeds from this offering to fund research and development efforts, including clinical trials for its proprietary candidates, build and scale its commercial capabilities, and for general working capital and corporate purposes.

At-the-Market Equity Offering

The Company entered into a Sales Agreement with Cantor Fitzgerald & Co. ("Cantor") dated March 27, 2013, which was subsequently amended to permit the sale by Cantor, acting as its sales agent, of up to \$75.0 million in additional shares of the Company's common stock from time to time in an at-the-market offering ("ATM Offering") under the Sales Agreement. All sales of shares have been made pursuant to an effective shelf registration statement on Form S-3 filed with the SEC. The Company paid Cantor a commission of approximately 2.0% of the aggregate gross proceeds the Company receives from all sales of the Company's common stock under the Sales Agreement. The Company received net proceeds on sales under the Sales Agreement of approximately \$40.3 million at a weighted average price of \$16.14 during the nine months ended March 31, 2018, which resulted in the full utilization of the \$75.0 million available balance under the Sales Agreement.

As described in Note 10 - Subsequent Events, effective May 9, 2018, the Company entered into a Sales Agreement with Cantor Fitzgerald & Co., pursuant to which the Company may, from time to time, sell up to \$125.0 million in shares of the Company's common stock through Cantor, acting as the Company's sales agent and/or principal, in an ATM Offering. The Company is not required to sell shares under the Sales Agreement. The Company will pay Cantor a commission of up to 3% of the aggregate gross proceeds the Company receives from all sales of the Company's common stock under the Sales Agreement. Unless otherwise terminated, the Sales Agreement continues until the earlier of selling all shares available under the Sales Agreement or May 9, 2021. No sales have been made under the Sales Agreement.

NOTE 7 – SHARE-BASED COMPENSATION

Share-based compensation expense for all equity awards issued pursuant to the Array BioPharma Amended and Restated Stock Option and Incentive Plan (the "Option and Incentive Plan") and for estimated shares to be issued under the Employee Stock Purchase Plan ("ESPP") for the current purchase period was approximately \$4.7 million and \$2.9 million for the three months ended March 31, 2018 and 2017, respectively, and \$13.5 million and \$6.9 million for the nine months ended March 31, 2018 and 2017, respectively, including a \$2.5 million charge in the first quarter of fiscal 2018 for accelerated vesting of stock options and RSUs to a departing executive.

The Company uses the Black-Scholes option pricing model to estimate the fair value of its share-based awards. In applying this model, the Company uses the following assumptions:

- Risk-free interest rate - The Company determines the risk-free interest rate by using a weighted average assumption equivalent to the expected term based on the U.S. Treasury constant maturity rate.
- Expected term - The Company estimates the expected term of its options based upon historical exercises and post-vesting termination behavior.
- Expected volatility - The Company estimates expected volatility using daily historical trading data of its common stock.
- Dividend yield - The Company has never paid dividends and currently have no plans to do so; therefore, no dividend yield is applied.

Option Awards

The fair value of the Company's option awards were estimated using the assumptions below:

	Nine Months Ended March 31,	
	2018	2017
Risk-free interest rate	1.6% - 2.4%	1.1% - 2.1%
Expected option term in years	3.82 - 4.10	5.5
Expected volatility	66.1% - 67.3%	57.0% - 64.5%
Dividend yield	0%	0%
Weighted average grant date fair value	\$5.81	\$4.46

The following table summarizes the Company's stock option activity under the Option and Incentive Plan for the nine months ended March 31, 2018:

	Number of Options	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value (in thousands)
Outstanding at June 30, 2017	14,844,028	\$ 5.57		
Granted	4,762,409	\$ 11.42		
Exercised	(3,440,136)	\$ 5.25		
Forfeited	(433,971)	\$ 7.41		
Expired or canceled	(10,000)	\$ 11.28		
Outstanding balance at March 31, 2018	15,722,330	\$ 7.36	7.8	\$ 141,289
Vested and expected to vest at March 31, 2018	15,700,108	\$ 7.36	7.8	\$ 141,071
Exercisable at March 31, 2018	5,305,220	\$ 5.01	6.0	\$ 60,011

The aggregate intrinsic value in the above table is calculated as the difference between the closing price of the Company's common stock at March 31, 2018, of \$16.32 per share and the exercise price of the stock options that had strike prices below the closing price. The total intrinsic value of all options exercised was \$24.4 million during the nine months ended March 31, 2018. The total intrinsic value of all options exercised during the nine months ended March 31, 2017 was \$1.7 million.

[Table of Contents](#)

As of March 31, 2018, there was approximately \$39.9 million of total unrecognized compensation expense related to the unvested stock options shown in the table above, which is expected to be recognized over a weighted average period of 3.2 years.

Restricted Stock Units ("RSUs")

The Option and Incentive Plan provides for the issuance of RSUs that each represent the right to receive one share of Array common stock, cash or a combination of cash and stock, typically following achievement of time- or performance-based vesting conditions. The Company's RSU grants that vest subject to continued service over a defined period of time, will typically vest between two to four years, with a percentage vesting on each anniversary date of the grant, or they may be vested in full on the date of grant. Vested RSUs will be settled in shares of common stock upon the vesting date, upon a predetermined delivery date, upon a change in control of Array, or upon the employee leaving Array. All outstanding RSUs may only be settled through the issuance of common stock to recipients, and the Company intends to continue to grant RSUs that may only be settled in stock. RSUs are assigned the value of Array common stock at date of grant, and the grant date fair value is amortized over the applicable vesting period.

A summary of the status of the Company's unvested RSUs as of March 31, 2018 and changes during the nine months ended March 31, 2018, is presented below:

	Number of RSUs	Weighted Average Grant Date Fair Value
Unvested at June 30, 2017	982,709	\$ 6.27
Granted	516,826	11.17
Vested	(193,901)	6.59
Forfeited	(30,726)	7.22
Unvested at March 31, 2018	1,274,908	\$ 8.20

As of March 31, 2018, there was \$7.9 million of total unrecognized compensation cost related to unvested RSUs granted under the Option and Incentive Plan. The cost is expected to be recognized over a weighted-average period of approximately 3.1 years. The fair market value on the grant date for RSUs that vested during the nine months ended March 31, 2018 and 2017 was \$1.8 million and \$0.5 million, respectively.

Employee Stock Purchase Plan

The ESPP allows qualified employees (as defined in the ESPP) to purchase shares of the Company's common stock at a price equal to 85% of the lower of (i) the closing price at the beginning of the offering period or (ii) the closing price at the end of the offering period. Effective each January 1, a new 12-month offering period begins that will end on December 31 of that year. However, if the closing stock price on July 1 is lower than the closing stock price on the preceding January 1, then the original 12-month offering period terminates, and the purchase rights under the original offering period roll forward into a new six-month offering period that begins July 1 and ends on December 31. As of March 31, 2018, the Company had 0.9 million shares available for issuance under the ESPP. The Company issued 154 thousand and 282 thousand shares under the ESPP during fiscal 2018 and 2017, respectively.

NOTE 8 - RELATED PARTY

The Company is party to a Drug Discovery Collaboration Option Agreement with Mirati pursuant to which the Company is providing certain drug discovery and research activities to Mirati in which the Company has received upfront payments, license fees and reimbursement for research and development services and under which the Company is entitled to receive milestone payments based on achievement of certain milestones, as described in *Note 3 - Collaboration and Other Agreements*. Dr. Charles Baum, a current member of Array's Board of Directors, is the President and Chief Executive Officer of Mirati.

As described above in *Note 4 - Debt - Notes Payable*, the Company entered into a Note Purchase Agreement with Redmile and issued Notes to Redmile on September 2, 2016. At that time, affiliates of Redmile held more than 10%

[Table of Contents](#)

of the Company's common stock. As of December 31, 2017, Redmile and its affiliates hold less than 10% of the Company's common stock.

The Company is also party to a Master Collaboration Agreement with ArcherDX for project-specific collaborations in the field of development and commercialization of in vitro diagnostics and companion diagnostics for Array Compounds. Pursuant to this agreement, the Company will make future payments to ArcherDX for contract milestones, ongoing costs and pass-through expenses for project work plans. Kyle Lefkoff, current Chairman of Array's Board of Directors, is also a Director of ArcherDX. The Company has not yet made any payments to ArcherDX.

NOTE 9 - NET LOSS PER SHARE

Basic and diluted loss per common share are computed by dividing net loss by the weighted average number of common shares outstanding during the period. Diluted loss per share includes the determinants of basic net income per share and gives effect to the potential dilution that would occur if securities or other contracts to issue common stock were exercised, vested or converted into common stock, unless they are anti-dilutive. Diluted weighted average common shares include common stock potentially issuable under our convertible notes, notes payable at fair value, vested and unvested stock options and unvested RSUs, except where the effect of including them is anti-dilutive.

The following table summarizes the net loss per share calculation (in thousands, except per share amount):

	Three Months Ended March 31,		Nine Months Ended March 31,	
	2018	2017	2018	2017
Net loss - basic and diluted	\$ (22,851)	\$ (35,317)	\$ (94,898)	\$ (87,226)
Weighted average shares outstanding - basic and diluted	208,994	169,020	194,434	160,689
Per share data:				
Basic and diluted	\$ (0.11)	\$ (0.21)	\$ (0.49)	\$ (0.54)

For the periods where the Company reported losses, all common stock equivalents are excluded from the computation of diluted loss per share, since the result would be anti-dilutive. Common stock equivalents not included in the calculations of diluted loss per share because to do so would have been anti-dilutive, include the following (amounts in thousands):

	March 31,	
	2018	2017
2.625% convertible senior notes	8,156	—
3.00% convertible senior notes	—	18,762
Stock options	15,722	14,719
RSUs	1,275	1,115
Total anti-dilutive common stock equivalents excluded from diluted loss per share calculation	25,153	34,596

NOTE 10 - SUBSEQUENT EVENT

Effective May 9, 2018, the Company entered into a Sales Agreement with Cantor Fitzgerald & Co., pursuant to which the Company may, from time to time, sell up to \$125.0 million in shares of the Company's common stock through Cantor, acting as the Company's sales agent and/or principal, in an ATM Offering. The Company is not required to sell shares under the Sales Agreement. The Company will pay Cantor a commission of up to 3% of the aggregate gross proceeds the Company receives from all sales of the Company's common stock under the Sales Agreement. Unless otherwise terminated, the Sales Agreement continues until the earlier of selling all shares available under the Sales Agreement or May 9, 2021. No sales have been made under the Sales Agreement.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Management's Discussion and Analysis of Financial Condition and Results of Operations contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements about our expectations related to the progress, continuation, timing and success of drug discovery and development activities conducted by Array and by our partners, our ability to obtain additional capital to fund our operations, changes in our research and development spending, realizing new revenue streams and obtaining future out-licensing or collaboration agreements that include upfront, milestone and/or royalty payments, our ability to realize upfront, milestone and royalty payments under our existing or any future agreements, future research and development spending, expectations regarding our ability to develop commercialization capabilities and the timing of and costs associated with building these capabilities, our future need for funding and our ability to continue to fund our operations, the level of cash we expect to use in operations, our working capital requirements and our future headcount requirements. In some cases, forward-looking statements can be identified by the use of terms such as "may," "will," "expects," "intends," "plans," "anticipates," "estimates," "potential," or "continue," or the negative thereof or other comparable terms. These statements are based on current expectations, projections and assumptions made by management and are not guarantees of future performance. Although we believe that the expectations reflected in the forward-looking statements contained herein are reasonable, these expectations or any of the forward-looking statements could prove to be incorrect and actual results could differ materially from those projected or assumed in the forward-looking statements. Our future financial condition, as well as any forward-looking statements are subject to significant risks and uncertainties including, but not limited to the factors set forth under the heading "Item 1A. Risk Factors" under Part II of this Quarterly Report on Form 10-Q and under Part I of our Annual Report on Form 10-K for the fiscal year ended June 30, 2017, and in other reports we file with the SEC. All forward-looking statements are made as of the date of this report and, unless required by law, we undertake no obligation to update any forward-looking statements.

The following discussion of our financial condition and results of operations should be read in conjunction with our unaudited condensed consolidated financial statements and related notes included elsewhere in this Quarterly Report on Form 10-Q, our audited financial statements and related notes to those statements included in our Annual Report on Form 10-K for the fiscal year ended June 30, 2017, and with the information under the heading "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Annual Report on Form 10-K for the fiscal year ended June 30, 2017. The terms "we," "us," "our," "the Company," or "Array" refer to Array BioPharma Inc.

Our fiscal year ends on June 30. When we refer to a fiscal year or quarter, we are referring to the year in which the fiscal year ends and the quarters during that fiscal year. Therefore, fiscal 2018 refers to the fiscal year ending June 30, 2018, and the third or current quarter refers to the quarter ended March 31, 2018.

Overview

Array is a biopharmaceutical company focused on the discovery, development and commercialization of targeted small molecule drugs to treat patients afflicted with cancer and other conditions. Ten registration studies are currently advancing related to eight Array-owned or partnered drugs: encorafenib (LGX818), binimetinib (MEK162), ARRY-797, selumetinib (partnered with AstraZeneca), danoprevir (partnered with Roche), ipatasertib (partnered with Genentech), larotrectinib (partnered with Loxo Oncology) and tucatinib (partnered with Seattle Genetics).

[Table of Contents](#)

Our most significant clinical stage drugs include:

Drug Candidate	Target/Disease State	Partner	Clinical Status
Encorafenib	BRAF inhibitor for cancer	Pierre Fabre Medicament SAS and Ono Pharmaceutical Co., Ltd.	Phase 3 / New Drug Application ("NDA")
Binimetinib	MEK inhibitor for cancer	Pierre Fabre Medicament SAS and Ono Pharmaceutical Co., Ltd.	Phase 3 / NDA
Selumetinib	MEK inhibitor for cancer and NF1 (1)	AstraZeneca, PLC	Phase 3
ASC08/Danoprevir	Protease inhibitor for Hepatitis C virus	Roche Holding AG	Phase 3 / China NDA
Larotrectinib / LOXO-101	PanTrk inhibitor for cancer	Loxo Oncology, Inc.	Phase 2 / Registration Trial / NDA
ARRY-797	p38 inhibitor for Lamin A/C-related dilated cardiomyopathy	Yarra Therapeutics, LLC, wholly-owned subsidiary of Array	Phase 3
Ipatasertib / GDC-0068	AKT inhibitor for cancer	Genentech, Inc.	Phase 3
Tucatinib / ONT-380	HER2 inhibitor for breast cancer	Seattle Genetics, Inc.	Phase 2 / Registration Trial
Varlitinib / ASLAN001	Pan-HER2 inhibitor for gastric or breast cancer	ASLAN Pharmaceuticals Pte Ltd.	Phase 2 / 3
Motolimod/VTX-2337	Toll-like receptor for cancer	Celgene Corp. / VentiRx Pharmaceuticals, Inc.	Phase 2
Prexasertib/LY2606368	Chk-1 inhibitor for cancer	Eli Lilly and Company	Phase 2
ARRY-382	CSF1R inhibitor for cancer		Phase 2
GDC-0575	Chk-1 inhibitor for cancer	Genentech, Inc.	Phase 1b
LOXO-292	Ret inhibitor for cancer	Loxo Oncology, Inc.	Phase 1
LOXO-195	Trk inhibitor for cancer	Loxo Oncology, Inc.	Phase 1
AK-1830	TrkA selective inhibitor for inflammation	Asahi Kasei Pharma Corporation	Phase 1

(1) As we have previously disclosed, we have informed AstraZeneca of our position that the NF1 development program is outside of the permitted field for this license.

Encorafenib and Binimetinib

In March 2015, Array regained development and commercialization rights to binimetinib, a MEK inhibitor, under the Termination and Asset Transfer Agreement with Novartis Pharma AG and Novartis Pharmaceutical Ltd. and to encorafenib, a BRAF inhibitor, under the Asset Transfer Agreement with Novartis Pharma AG (collectively, the "Novartis Agreements"). Along with global ownership of both assets, Array received an upfront payment of \$85.0 million from Novartis. We believe these programs present significant opportunity to Array in the area of oncology.

We have also entered into agreements with Pierre Fabre Medicament SAS, ("Pierre Fabre" or "PFM") and Ono Pharmaceutical Co., Ltd. ("Ono") related to the encorafenib and binimetinib programs. The Development and Commercialization Agreement, which became effective in December 2015 (the "PF Agreement"), granted Pierre Fabre rights to commercialize encorafenib and binimetinib in all countries except for the United States, Canada, Japan, Korea and Israel, including Europe (referred to as the "PF Territory"). The License, Development and Commercialization Agreement with Ono, which became effective in May 2017 (the "Ono Agreement"), granted Ono exclusive rights to commercialize encorafenib and binimetinib in Japan and the Republic of Korea (referred to as

[Table of Contents](#)

the "Ono Territory"), along with the right to develop these products in the Ono Territory. Array retains all rights outside the Ono Territory and the PF Territory.

All clinical trials involving encorafenib and binimetinib that were active or planned when the Novartis Agreements became effective in March 2015, including the COLUMBUS trial and other then active Novartis sponsored and investigator sponsored clinical studies, continue to be reimbursed pursuant to the terms of the Novartis Agreements. Further worldwide development activities of encorafenib and binimetinib are governed by a Global Development Plan ("GDP") with Pierre Fabre. Pierre Fabre and Array will jointly fund worldwide development costs under the GDP, with Array covering 60% and Pierre Fabre covering 40% of such costs. The initial GDP includes multiple trials, including the BEACON CRC trial, and Pierre Fabre and Array have agreed to commit at least €100 million in combined funds for these studies in colorectal cancer ("CRC") and melanoma.

Pierre Fabre is responsible for seeking regulatory and pricing and reimbursement approvals in the European Economic Area and its other licensed territories. We have also entered into a Clinical Supply Agreement with Pierre Fabre and have agreed to enter into a commercial supply agreement with Pierre Fabre pursuant to which we will supply or procure the supply of clinical and commercial supplies of drug substance and drug product for Pierre Fabre, the costs of which will be borne by Pierre Fabre. We have also agreed to cooperate with Pierre Fabre to ensure the supply of companion diagnostics for use with binimetinib and encorafenib in indications where needed.

Encorafenib and binimetinib are currently being studied in Phase 3 trials in advanced cancer patients, including the COLUMBUS trial studying encorafenib in combination with binimetinib in patients with *BRAF*-mutant melanoma and the BEACON CRC trial studying encorafenib in combination with binimetinib and cetuximab, an EGFR antibody, in patients with *BRAF*^{V600E}-mutant CRC ("*BRAF*m CRC"). Encorafenib and binimetinib are investigational medicines and are not currently approved in any country.

Novartis continues to substantially fund all ongoing trials with encorafenib and binimetinib that were active or planned as of the close of the Novartis Agreements in 2015, including the COLUMBUS Phase 3 trial. Reimbursement revenue from Novartis was approximately \$87.2 million for the 12 months ended March 31, 2018, of which \$24.8 million was recorded in the quarter ended March 31, 2018. As of March 31, 2018, total revenue and upfront payments collected from Novartis since the start of the 2015 Novartis Agreements is \$373.5 million.

COLUMBUS PHASE 3 TRIAL

We have submitted two New Drug Applications (NDAs) to support use of the encorafenib and binimetinib combination for the treatment of patients with *BRAF*-mutant advanced, unresectable or metastatic melanoma. These NDAs remain under review by the FDA, with a target action date under Prescription Drug User Fee Act (PDUFA) of June 30, 2018.

The European Medicines Agency (EMA), as well as the Swiss Medicines Agency (Swissmedic) and the Australian Therapeutic Goods Administration (TGA), are reviewing the Marketing Authorization Applications (MAAs) submitted by Pierre Fabre and Japan's Pharmaceuticals and Medical Devices Agency (PMDA) has accepted the Manufacturing and Marketing Approval (MMA) applications submitted by Ono. The regulatory submissions were based on findings from the pivotal Phase 3 COLUMBUS trial.

We will announce additional results from the Phase 3 COLUMBUS trial in an oral presentation (Abstract #223875) at the American Society of Clinical Oncology (ASCO) 2018 Annual Meeting on June 4. We previously announced that treatment with the combination of encorafenib 450 mg daily and binimetinib 45 mg twice daily (COMBO450) reduced the risk of death compared to treatment with vemurafenib 960 mg daily [hazard ratio (HR) of 0.61, (95% CI 0.47, 0.79, p<0.001)]* in patients with *BRAF*-mutant melanoma in the Phase 3 COLUMBUS trial. Data from the Phase 3 trial showed a mOS of 33.6 months for patients treated with COMBO450, compared to 16.9 months for patients treated with vemurafenib as a monotherapy.

As previously reported, the combination of encorafenib and binimetinib was generally well-tolerated. Grade 3/4 adverse events (AEs) that occurred in more than 5% of patients receiving the combination were increased gamma-glutamyltransferase (GGT) (9%), increased blood creatine phosphokinase (CK) (7%) and hypertension (6%). The incidence of selected, any grade AEs of special interest, defined based on toxicities commonly associated with commercially available *BRAF*+*MEK*-inhibitor treatments for patients receiving the combination of encorafenib and binimetinib included: rash (22%), pyrexia (18%), serous retinopathy including retinal pigment epithelial detachment (20%) and photosensitivity (5%). Full safety results of COLUMBUS Part 1 were published in *The Lancet Oncology*.

[Table of Contents](#)

Detailed results of the pivotal Phase 3 COLUMBUS trial for the treatment of patients with *BRAF*-mutant advanced, unresectable or metastatic melanoma were published on-line on March 21, 2018 and in the May 2018 print edition of *The Lancet Oncology*.

Metastatic melanoma is the most serious and life-threatening type of skin cancer and is associated with low survival rates. There are about 200,000 new cases of melanoma diagnosed worldwide each year, approximately half of which have *BRAF* mutations, a key target in the treatment of metastatic melanoma.

*As the secondary endpoint comparison of mPFS between the COMBO450 arm and ENCO300 arm in Part 1 did not achieve statistical significance, the protocol specified analysis of OS is descriptive.

BEACON CRC PHASE 3 TRIAL

We will present updated results from the 30-patient safety lead-in of the Phase 3 BEACON CRC trial at the ESMO 20th World Congress on Gastrointestinal Cancer held June 20-23, 2018.

We previously announced updated results from the 30-patient safety lead-in of the Phase 3 BEACON CRC trial evaluating the triplet combination of encorafenib, binimetinib and cetuximab, an EGFR antagonist, in patients with *BRAF*-mutant CRC whose disease has progressed after one or two prior regimens at the ASCO 2018 Gastrointestinal Cancers Symposium. The estimated mPFS at the time of analysis was 8 months in 29 patients with *BRAF*^{V600E}-mutant CRC. The confirmed overall response rate (ORR) was 48% with 3 complete responses in patients with *BRAF*^{V600E}-mutant CRC. Further, the ORR was 62% in the 16 patients who received only one prior line of therapy. These data represent improvements compared to several approved standard of care benchmarks for this population which range between 4% to 8% ORR and 1.8 and 2.5 months mPFS.

The triplet combination was generally well-tolerated. Two patients discontinued treatment due to AEs with only one of these considered related to treatment. The most common grade 3 or 4 AEs seen in at least 10% of patients were fatigue, urinary tract infection, increased aspartate aminotransferase (AST) and increased blood CK. Enrollment in the randomized portion of BEACON CRC is ongoing.

Worldwide, CRC is the third most common type of cancer in men and the second most common in women, with approximately 1.4 million new diagnoses in 2012. Of these, nearly 750,000 were diagnosed in men, and 614,000 in women. Globally in 2012, approximately 694,000 deaths were attributed to CRC. In the U.S. alone, an estimated 140,250 patients will be diagnosed with cancer of the colon or rectum in 2018, and approximately 50,000 are estimated to die of their disease. In the U.S., *BRAF* mutations are estimated to occur in 10% to 15% of patients with CRC and represent a poor prognosis for these patients. Based on recent prospective historical data, the prevalence of microsatellite instability high (MSI-H) in tumors from patients with metastatic *BRAF*-mutant CRC ranged from 14% in a recent Phase 1b/2 trial (NCT01719380) to 18% in a recent Southwestern Oncology Group (SWOG) randomized Phase 2 trial.

IMMUNO-ONCOLOGY COLLABORATIONS WITH BRISTOL-MYERS SQUIBB, MERCK AND PFIZER

We are also developing binimetinib in combination with PD-1/PD-L1 checkpoint inhibitors and have announced separate, strategic collaborations with Bristol-Myers Squibb, Merck and Pfizer, but in each case, are pursuing a unique trial design to explore different clinical approaches.

Bristol-Myers Squibb

The clinical trial continues to advance and is designed to investigate the safety, tolerability and efficacy of binimetinib in combination with nivolumab (anti-PD-1 therapy), with and without ipilimumab (CTLA-4 antibody), in patients with advanced metastatic microsatellite stable (MSS) CRC and the presence of a *RAS* mutation who have received one or two prior regimens. The trial is jointly supported by Array and Bristol-Myers Squibb and sponsored by Array.

[Table of Contents](#)**Merck**

The clinical trial continues to advance and is designed to investigate the safety, tolerability and efficacy of binimetinib in combination with pembrolizumab (anti-PD-1 therapy), with and without FOLFOX or FOLFIRI (chemotherapy) in patients with CRC whose tumors are not MSI-H. The trial is sponsored and funded by Merck, with Array providing binimetinib supply.

Pfizer

The clinical trial is designed to investigate the safety, tolerability and efficacy of several novel anti-cancer combinations, including binimetinib, avelumab (anti-PD-L1 therapy) and talazoparib (PARP inhibitor) across various tumor types and is expected to begin during the third quarter of 2018. Initially, the focus will be in non-small cell lung cancer (NSCLC) and pancreatic cancer, with additional indications being explored at a later stage. The trial will be sponsored and funded by Pfizer, with Array providing binimetinib supply.

Business Development and Partner Concentrations

We currently license or partner certain of our compounds and/or programs and enter into collaborations directly with pharmaceutical and biotechnology companies through opportunities identified by our business development group, senior management, scientists and customer referrals. In general, our partners may terminate their agreements with us with 60 to 180 days' prior notice. Specifics regarding termination provisions under our material collaboration or partnering agreements can be found in *Note 5 – Collaboration and License Agreements* to our audited financial statements included in our Annual Report on Form 10-K for the fiscal year ended June 30, 2017.

Additional information related to the concentration of revenue among our partners is reported in *Note 1 – Overview, Basis of Presentation and Summary of Significant Accounting Policies – Concentration of Business Risks* to our unaudited condensed financial statements included elsewhere in this Quarterly Report on Form 10-Q.

All of our collaboration and license agreements are denominated in U.S. dollars, except our agreement with Ono, which is denominated in Japanese Yen.

Critical Accounting Policies and Estimates

Management's discussion and analysis of our financial condition and results of operations are based upon our accompanying unaudited condensed financial statements, which have been prepared in conformity with U.S. generally accepted accounting principles, or U.S. GAAP, and which requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue and expenses, and related disclosure of contingent assets and liabilities. We base our estimates on historical experience and on various other assumptions that we believe are reasonable under the circumstances. These estimates are the basis for our judgments about the carrying values of assets and liabilities, which in turn may impact our reported revenue and expenses. Our actual results could differ significantly from these estimates under different assumptions or conditions.

An accounting policy is deemed to be critical if it requires an accounting estimate to be made based on assumptions about matters that are highly uncertain at the time the estimate is made, and if different estimates that reasonably could have been used, or changes in the accounting estimate that are reasonably likely to occur periodically, could materially impact the condensed consolidated financial statements. There have been no significant changes to our critical accounting policies since the beginning of this fiscal year. Our critical accounting policies are described under the heading "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Annual Report on Form 10-K for the fiscal year ended June 30, 2017.

On December 22, 2017, the Tax Cuts and Jobs Act (the "TCJA") was signed into law, which among other changes reduces the federal corporate tax rate to 21%. We have conducted a preliminary review of the impact of the TCJA and do not anticipate it to have a material impact on our consolidated condensed financial statements primarily due to the valuation allowance recorded against our net deferred tax assets.

Results of Operations**Revenue**

Below is a summary of our total revenue (dollars in thousands):

	Three Months Ended		Change		Nine Months Ended		Change	
	March 31,		2018 vs. 2017		March 31,		2018 vs. 2017	
	2018	2017	\$	%	2018	2017	\$	%
Reimbursement revenue	\$ 24,751	\$ 26,085	\$ (1,334)	(5)%	\$ 65,338	\$ 85,354	\$ (20,016)	(23)%
Collaboration and other revenue	10,113	5,530	\$ 4,583	83 %	26,629	17,849	\$ 8,780	49 %
License and milestone revenue	31,503	1,665	\$ 29,838	1,792 %	46,364	13,871	\$ 32,493	234 %
Total revenue	\$ 66,367	\$ 33,280	\$ 33,087	99 %	\$ 138,331	\$ 117,074	\$ 21,257	18 %

Reimbursement Revenue

Reimbursement revenue consists of amounts received for reimbursement of costs we incur from our license partners where Array acts as a

principal, controls the research and development activities, bears credit risk and may perform part of the services required in the transactions.

In connection with regaining all development and commercialization rights to binimetinib and obtaining all development and commercialization rights to encorafenib from Novartis on March 2, 2015, we entered into two Transition Agreements with Novartis, one associated with the binimetinib Termination and Asset Transfer Agreement and the other associated with the encorafenib Asset Transfer Agreement. Under the Transition Agreements, Novartis provides us with substantial financial support for all transitioned clinical trials involving binimetinib and encorafenib in the form of reimbursement to Array for all associated out-of-pocket costs and for one-half of our fully-burdened FTE costs based on an agreed FTE rate. Novartis transitioned responsibility for Novartis-conducted trials at designated points for each trial and is providing continuing financial support to us for completing the trials. Substantially all reimbursement revenue consists of reimbursements from Novartis under the Transition Agreements for specific clinical trials involving binimetinib and encorafenib.

The decrease in reimbursement revenue for the three and nine months ended March 31, 2018 compared with the same periods in the prior year is attributable to the advancement of the transitioned studies which have begun to wind down, resulting in lower reimbursable expenses.

Collaboration and Other Revenue

Collaboration and other revenue consists of revenue for our performance of drug discovery and development activities in collaboration with partners, which includes development of proprietary drug candidates we out-license, as well as screening, lead generation, and lead optimization research.

The increase in collaboration and other revenue during the three and nine months ended March 31, 2018 and 2017 was mainly due to increased activity under our collaboration with Pierre Fabre, including the advancement of the BEACON clinical trial. Also contributing to the increase were new and expanded collaborations with Amgen, Loxo and Mirati.

License and Milestone Revenue

License and milestone revenue consists of upfront license fees and ongoing milestone payments from partners and collaborators.

[Table of Contents](#)

The increase in license and milestone revenue was primarily attributable to an upfront payment of \$23 million that was recognized in January 2018 under the new License Agreement with ASLAN in which Array granted ASLAN exclusive global rights to commercialize and sublicense varlitinib.

Operating Expenses

Below is a summary of our total operating expenses (dollars in thousands):

	Three Months Ended		Change		Nine Months Ended		Change	
	March 31,		2018 vs. 2017		March 31,		2018 vs. 2017	
	2018	2017	\$	%	2018	2017	\$	%
Cost of partnered programs	\$ 17,712	\$ 7,432	\$ 10,280	138%	\$ 43,187	\$ 25,303	\$ 17,884	71 %
Research and development for proprietary programs	53,636	46,069	7,567	16%	137,694	139,101	(1,407)	(1)%
Selling, general and administrative	16,773	11,714	5,059	43%	40,428	28,410	12,018	42 %
Total operating expenses	\$ 88,121	\$ 65,215	\$ 22,906	35%	\$ 221,309	\$ 192,814	\$ 28,495	15 %

Cost of Partnered Programs

Cost of partnered programs represents research and development costs attributable to discovery and development, including preclinical and clinical trials, we may conduct for or with our partners. Research and development costs primarily consist of personnel related expenses, including salaries, benefits, and other related expenses, stock-based compensation, payments made to third party contract research organizations for preclinical and clinical studies, investigative sites for clinical trials and consultants, the cost of acquiring and manufacturing clinical trial materials, costs associated with regulatory filings and patents, software and facilities, and laboratory costs and other supply costs.

The increases in cost of partnered programs are primarily attributed to increases in development costs relating to the BEACON study of encorafenib and binimetinib in partnership with Pierre Fabre, as well as costs associated with new and expanded collaborations with Amgen, Loxo and Mirati.

Research and Development Expenses for Proprietary Programs

Our research and development expenses for proprietary programs include costs associated with our proprietary drug programs, which primarily consist of personnel related expenses, including salaries, benefits, and other related expenses, stock-based compensation, payments made to third party contract research organizations for preclinical and clinical studies, investigative sites for clinical trials and consultants, the cost of acquiring and manufacturing clinical trial materials, costs associated with regulatory filings and patents, software and facilities, and laboratory costs and other supply costs.

[Table of Contents](#)

Research and development expenses for proprietary programs increased during the three months ended March 31, 2018 over the same period in the prior year as we incurred new costs on the Novartis transitioned studies and pre-commercial manufacturing costs for encorafenib and binimetinib. Research and development expenses for proprietary programs decreased during the nine months ended March 31, 2018 from the same period in the prior year primarily due to lower outsourced services and consulting costs required for the advancement of clinical trials for encorafenib and binimetinib. As the Novartis transitioned studies have begun to wind down, the expenses associated with these studies have begun to decline as reflected in the decreased outsourced services and consulting costs for the nine months ended March 31, 2018 and 2017, respectively.

Overall, outsourced services and consulting costs represented approximately 80% of total research and development expenses for proprietary programs for each of the three and nine month periods ended March 31, 2018 and 2017.

In addition, reimbursed expenses for the Novartis transitioned studies were \$24.8 million and \$65.3 million for the three and nine months ended March 31, 2018 and \$26.1 million, respectively, and \$85.4 million for the three and nine months ended March 31, 2017, respectively, which represented approximately 45% and 60% of total research and development expense for proprietary programs during the three and nine months ending March 31, 2018 and 2017, respectively.

Selling, General and Administrative Expenses

Selling, general and administrative expenses consist mainly of compensation and associated fringe benefits not included in cost of partnered programs or research and development expenses for proprietary programs and include other management, business development, commercial preparation, sales force, accounting, information technology and administration costs, including patent filing and prosecution, recruiting and relocation, consulting and professional services, travel and meals, facilities, depreciation and other office expenses.

The increases in selling, general and administrative expense during the periods presented are primarily driven by costs associated with building our commercial infrastructure and staffing our commercial and sales teams as we prepare for potential launch of encorafenib and binimetinib, including approximately \$2.0 million for recruiting and relocation that is not expected to continue at the same rate of spend in future periods, as well as a \$2.5 million non-cash stock compensation charge for a departing executive during the first quarter of fiscal 2018.

Other Income (Expense)

Below is a summary of our other income (expense) (dollars in thousands):

	Three Months Ended		Change		Nine Months Ended		Change	
	March 31,		2018 vs. 2017		March 31,		2018 vs. 2017	
	2018	2017	\$	%	2018	2017	\$	%
Realized gain on investment and other	\$ 69	\$ 785	(716)	(a)	\$ 69	785	\$ (716)	(a)
Loss on extinguishment and conversion of Notes	\$ —	\$ —	\$ —	(a)	\$ (6,457)	\$ —	\$ (6,457)	(a)
Impairment loss related to cost method investment	—	—	—	(a)	—	(1,500)	1,500	(100)%
Change in fair value of notes payable	(100)	(1,300)	1,200	(92)%	(200)	(2,100)	1,900	(90)%
Interest income	1,295	228	1,067	468 %	3,075	510	2,565	503 %
Interest expense	(2,361)	(3,095)	734	(24)%	(8,407)	(9,181)	774	(8)%
Total other income (expense), net	\$ (1,097)	\$ (3,382)	\$ 2,285	(68)%	\$ (11,920)	\$ (11,486)	\$ (434)	4 %

(a) Not meaningful.

We incurred approximately \$6.5 million in the three months ended December 31, 2017 for the extinguishment and conversion of the 2020 Notes.

During the first quarter of fiscal 2017, a triggering event occurred related to the underlying viability of shares we formerly held in VentiRx Pharmaceuticals, Inc. ("VentiRx") which caused us to record a \$1.5 million impairment loss r

[Table of Contents](#)

related to this investment. During the third quarter of fiscal 2017, Celgene Corporation acquired all of the outstanding capital stock of VentiRx and we received cash proceeds in the amount of \$0.5 million for our share of the proceeds of this acquisition. As of March 31, 2018, we have no remaining equity in VentiRx.

We recognized \$0.1 million and \$1.3 million during the three months ended March 31, 2018 and 2017, respectively, and \$0.2 million and \$2.1 million during the nine months ended March 31, 2018 and 2017, respectively, to adjust the fair value of the Redmile Convertible Promissory Notes, as discussed in *Note 5 - Fair Value Measurements* to our unaudited condensed financial statements included elsewhere in this Quarterly Report on Form 10-Q.

Interest expense is primarily related to our 3.00% and 2.625% convertible senior notes but also includes interest expense related to Convertible Promissory Notes we issued to Redmile and interest on our term loan with Silicon Valley Bank. Details of our interest expense for all of our debt arrangements outstanding during the periods presented, including actual interest paid and amortization of debt and loan transaction fees, are presented in *Note 4 - Debt* to our unaudited condensed financial statements included elsewhere in this Quarterly Report on Form 10-Q.

Interest income is earned from our investments in available-for-sale marketable securities, which has increased significantly from the previous year due to a higher balance of marketable securities.

Liquidity and Capital Resources

With the exception of fiscal year 2015, we have incurred operating losses and an accumulated deficit as a result of ongoing research and development spending since inception. As of March 31, 2018, we had an accumulated deficit of approximately \$1.0 billion, net losses of approximately \$22.9 million and \$94.9 million for the three and nine months ended March 31, 2018, respectively, and of approximately \$116.8 million and \$92.8 million for the fiscal years ended June 30, 2017 and 2016, respectively. We had net income of approximately \$9.4 million for the fiscal year ended June 30, 2015.

We have historically funded our operations from upfront fees, proceeds from research and development reimbursement arrangements, and license and milestone payments received under our drug collaborations and license agreements, the sale of equity securities, and debt provided by convertible debt and other credit facilities. We believe that our cash, cash equivalents and marketable securities as of March 31, 2018 will enable us to continue to fund operations in the normal course of business for more than a 12-month period from the date of filing this Quarterly Report on form 10-Q. Until we can generate sufficient levels of cash from operations, which we do not expect to achieve in at least the next two years, and because sufficient funds may not be available to us when needed from existing collaborations, we expect that we will be required to continue to fund our operations in part through the sale of debt or equity securities, and through licensing select programs or partial economic rights that include upfront, royalty and/or milestone payments.

Our ability to successfully raise sufficient funds through the sale of debt or equity securities or from debt financing from lenders when needed is subject to many risks and uncertainties and, even if we were successful, future equity issuances would result in dilution to our existing stockholders and any future debt or debt securities may contain covenants that limit our operations or ability to enter into certain transactions. We also may not successfully consummate new collaboration or license agreements that provide for upfront fees or milestone payments, we may not earn milestone payments or such payments on favorable terms to us, or we may not earn milestone payments under such agreements when anticipated or at all. Our ability to realize milestone or royalty payments under existing agreements and to enter into new arrangements that generate additional revenue through upfront fees and milestone or royalty payments is subject to a number of risks, many of which are beyond our control.

If we are unable to generate enough revenue from our existing or new collaborations or license agreements when needed or secure additional sources of funding and receive related full and timely collections of amounts due, it may be necessary to significantly reduce our current rate of spending through reductions in staff and delaying, scaling back or stopping certain research and development programs, including more costly late phase clinical trials on our wholly-owned programs. Insufficient liquidity may also require us to relinquish greater rights to product candidates at an earlier stage of development or on less favorable terms to us and our stockholders than we would otherwise choose in order to obtain upfront license fees needed to fund operations.

Cash, Cash Equivalents, Marketable Securities and Accounts Receivable

Cash equivalents are short-term, highly-liquid financial instruments that are readily convertible to cash and have maturities of 90 days or less from the date of purchase.

Short-term marketable securities consist mainly of U.S. government agency obligations with maturities of greater than 90 days when purchased. Long-term marketable securities are primarily securities held under our deferred compensation plan.

In each of the periods presented below, accounts receivable consists primarily of current receivables expected to be repaid by Novartis and within three months or less.

Below is a summary of our cash, cash equivalents, marketable securities and accounts receivable (in thousands):

	March 31, 2018	June 30, 2017	\$ Change
Cash and cash equivalents	\$ 73,855	\$ 125,933	\$ (52,078)
Marketable securities – short-term	364,555	108,390	256,165
Marketable securities – long-term	1,108	732	376
Accounts receivable	44,158	31,279	12,879
Total	\$ 483,676	\$ 266,334	\$ 217,342

The decrease in cash and cash equivalents is due to cash used in operations as well as the timing of our investment in marketable securities. The

increases in marketable securities are attributable to proceeds from the public offering of shares of our common stock which we completed in September 2017, resulting in net proceeds of approximately \$243.0 million, \$40.3 million net proceeds from sales of our common stock through our at-the-market offering under our Sales Agreement with Cantor Fitzgerald, \$18.3 million proceeds from employee stock option exercises, as well as the first installment of the upfront payment that we received under our License Agreement with ASLAN. These increases were all partially offset by increased cash used in operations. The increase in accounts receivable primarily resulted from the second installment of the upfront payment due under the License Agreement with ASLAN.

Cash Flow Activities

Below is a summary of our cash flow activities (in thousands):

	Nine Months Ended March 31,		\$ Change
	2018	2017	
Cash flows provided by (used in):			
Operating activities	\$ (91,154)	\$ (56,661)	\$ (34,493)
Investing activities	(258,250)	(72,465)	(185,785)
Financing activities	297,326	156,277	141,049
Total	<u>\$ (52,078)</u>	<u>\$ 27,151</u>	<u>\$ (79,229)</u>

Net cash used in operating activities increased by approximately \$34.5 million between the comparable periods. The increase in net cash used in operating activities was mainly due to the increase in net loss of approximately \$7.7 million and a change in working capital items of approximately \$36.6 million, offset by an increase in non-cash adjustments of \$9.5 million.

[Table of Contents](#)

Net cash used in investing activities increased \$185.8 million due to an increase in purchases of securities during the current period following our public offering of shares of common stock in September 2017.

Net cash provided by financing activities during the nine months ended March 31, 2018 primarily related to \$243.0 million in net proceeds from the follow-on offering of our common stock in September 2017, \$40.3 million in net proceeds from sales of common stock through our at-the-market offering, and \$18.3 million proceeds from employee stock option exercises. Net cash provided by financing activities in the prior period was composed primarily of \$124.2 million in net proceeds received during the quarter ended December 31, 2017 from the follow-on offering of our common stock in October 2016, \$19.6 million in net proceeds from sales of common stock through our at-the-market offering, and by \$9.8 million in net proceeds from the Convertible Promissory Note we issued to Redmile in September 2016 which did not reoccur.

Recent Accounting Pronouncements

Our discussion of recently adopted accounting pronouncements and other recent accounting pronouncements is set forth in *Note 1 - Overview, Basis of Presentation and Summary of Significant Accounting Policies* to the accompanying unaudited condensed financial statements included elsewhere in this Quarterly Report on Form 10-Q.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Market risk represents the risk of loss that may impact our financial position, results of operations or cash flows due to adverse changes in financial and commodity market prices and fluctuations in interest rates. All of our collaboration and license agreements and nearly all purchase orders are denominated in U.S. dollars, except our agreement with Ono Pharmaceuticals entered into in May 2017, which is denominated in Japanese Yen. Future payments from Ono will be due net 30 days and will not represent a significant component of our overall cash balance. As a result, historically and as of March 31, 2018, we have had minimal exposure to market risk from changes in foreign currency or exchange rates.

Our investment portfolio is comprised primarily of readily marketable, high-quality securities that are diversified and structured to minimize market risks. We target an average portfolio maturity of one year or less. Our exposure to market risk for changes in interest rates relates primarily to our investments in marketable securities. Marketable securities held in our investment portfolio are subject to changes in market value in response to changes in interest rates. A significant change in market interest rates could have a material impact on interest income earned from our investment portfolio. We model interest rate exposure by a sensitivity analysis that assumes a theoretical 100 basis point (1%) change in interest rates. If the yield curve were to change by 100 basis points from the level existing at March 31, 2018, we would expect future interest income to increase or decrease by approximately \$3.6 million over the next 12 months based on the balance as of March 31, 2018 of \$364.5 million of investments in U.S. treasury securities classified as short-term marketable securities available-for-sale. Changes in interest rates may affect the fair value of our investment portfolio; however, we will not recognize such gains or losses in our statement of operations and comprehensive loss unless the investments are sold.

Our term loan with Silicon Valley Bank of \$15.0 million is our only variable rate debt. Assuming constant debt levels, a theoretical change of 100 basis points (1%) on our current interest rate of 2.75% on the Silicon Valley Bank debt as of March 31, 2018 would result in a change in our annual interest expense of \$150 thousand.

Historically, and as of March 31, 2018, we have not used foreign currency derivative instruments or engaged in hedging activities.

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Under the supervision and with the participation of our Chief Executive Officer, Chief Financial Officer and other senior management personnel, we evaluated the effectiveness of the design and operation of our disclosure controls and procedures as of the end of the period covered by this Quarterly Report on Form 10-Q (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934). Based on this evaluation, our Chief Executive Officer and our Chief Financial Officer have concluded that our disclosure controls and procedures were effective as of March 31, 2018, to provide a reasonable level of assurance that the information we are required to disclose in reports that we submit or file under the Securities Act of 1934: (i) is recorded, processed, summarized and reported within the time periods specified in the SEC rules and forms; and (ii) is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure. An internal control system, no matter how well designed and operated, can provide only reasonable, but not absolute, assurance that the internal control system's objectives will be met.

Changes in Internal Control over Financial Reporting

There were no changes in our internal control over financial reporting during the quarter ended March 31, 2018, that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

On November 20, 2017, we were notified that a complaint (the "Initial Complaint") was filed against Array and its Chief Executive Officer, former interim Chief Financial Officer, and current Chief Financial Officer as officers of Array, in the United States District Court for the District of Colorado by Wendell Rose, individually and on behalf of all others similarly situated (the "Rose Action"). A second complaint was filed on November 28, 2017 also in the United States District Court for the District of Colorado by Robert Nauman, individually and on behalf of all others similarly situated (the "Nauman Action"). The complaints in both actions contain substantially similar allegations of violations of the federal securities laws by Array and the defendant executive officers in connection with certain disclosures made, or omitted, by Array regarding our NRAS-mutant melanoma program and seek to establish a class of investors who purchased our common stock between December 16, 2015 and March 17, 2017, inclusive, affected by the allegations in the Complaints. The Complaints seek unspecified remedies under the Securities Act of 1934, as amended. On March 12, 2018, the Court granted Peter Voulgaris's motion seeking appointment as lead plaintiff and their respective law firm. The Court also consolidated the Rose Action and the Nauman Action into one proceeding. The Company will continue to evaluate the allegations set forth in the Complaints and intends to vigorously defend all such allegations.

ITEM 1A. RISK FACTORS

Investing in our common stock is subject to a number of risks and uncertainties. You should carefully consider the risk factors described under the heading "Item 1A. Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended June 30, 2017, and in other reports we file with the SEC. There have been no changes to the risk factors disclosed in our Annual Report on Form 10-K for the fiscal year ended June 30, 2017 that we believe are material. Additional risks and uncertainties not presently known to us or that we currently believe are immaterial also may negatively impact our business.

ITEM 5. OTHER INFORMATION

Effective May 9, 2018, the Company entered into a Sales Agreement with Cantor Fitzgerald & Co., pursuant to which the Company may, from time to time, sell up to \$125.0 million in shares of the Company's common stock through Cantor, acting as the Company's sales agent and/or principal, in an ATM Offering. The Company is not required to sell shares under the Sales Agreement. The Company will pay Cantor a commission of up to 3% of the aggregate gross proceeds the Company receives from all sales of the Company's common stock under the Sales Agreement. Unless otherwise terminated, the Sales Agreement continues until the earlier of selling all shares available under the Sales Agreement or May 9, 2021. No sales have been made under the Sales Agreement.

The ATM Offering is being made under a prospectus supplement filed on May 9, 2018, and related prospectus filed with the Securities and Exchange Commission pursuant to our automatically effective shelf registration statement on Form S-3 (Registration No. 333-220443).

A copy of the Sales Agreement is attached as Exhibit 10.1 to this Quarterly Report. The foregoing description of the Sales Agreement does not purport to be complete and is qualified in its entirety by reference to Exhibit 10.1.

A copy of the opinion of Skadden, Arps, Slate, Meagher & Flom LLP relating to the validity of the securities issued in the ATM Offering is filed as Exhibit 5.1 to this Quarterly Report.

ITEM 6. EXHIBITS

(a) Exhibits

The following exhibits are filed or incorporated by reference as part of this Quarterly Report on Form 10-Q.

EXHIBITS

Exhibit Number	Description of Exhibit	Incorporated by Reference		
		Form	File No.	Date Filed
3.1	Amended and Restated Certificate of Incorporation of Array BioPharma Inc., as amended	10-K	001-16633	8/19/2016
3.2	Bylaws of Array BioPharma Inc., as amended and restated on February 1, 2018	10-Q	001-16633	2/6/2018
4.1	Specimen certificate representing the common stock	S-1/A	333-45922	10/27/2000
4.2	Indenture, dated as of December 1, 2017, by and between Array BioPharma Inc. and the Bank of New York Mellon Trust Company, N.A.	8-K	001-16633	12/4/2017
4.3	Form of 2.625% Convertible Senior Notes due 2024	8-K	001-16633	12/4/2017
5.1	Legal Opinion of Skadden, Arps, Slate, Meagher & Flom LLP		Filed herewith	
10.1	Sales Agreement between Array BioPharma Inc. and Cantor Fitzgerald & Co. dated May 9, 2018		Filed herewith	
31.1	Certification of Chief Executive Officer pursuant to Rule 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934, as amended		Filed herewith	
31.2	Certification of Chief Financial Officer pursuant to Rule 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934, as amended		Filed herewith	
32.1	Certifications of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002		Furnished	
101.INS	XBRL Instance Document		Filed herewith	
101.SCH	XBRL Taxonomy Extension Schema Document		Filed herewith	
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document		Filed herewith	
101.LAB	XBRL Taxonomy Extension Label Linkbase Document		Filed herewith	
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document		Filed herewith	
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document		Filed herewith	

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Boulder, State of Colorado, on this 9th day of May 2018.

ARRAY BIOPHARMA INC.

By: /s/ RON SQUARER

Ron Squarer
Chief Executive Officer

By: /s/ JASON HADDOCK

Jason Haddock
Chief Financial Officer
(Principal Financial and
Accounting Officer)

[Skadden, Arps, Slate, Meagher & Flom LLP Letterhead]

Exhibit 5.1

May 9, 2018

Array BioPharma Inc.
3200 Walnut Street
Boulder, CO 80301

Re: Array BioPharma Inc. – Offering of Common Stock

Ladies and Gentlemen:

We have acted as special counsel to Array BioPharma Inc., a Delaware corporation (the “Company”), in connection with the offer and sale by the Company from time to time of shares (the “Securities”) of the Company’s common stock, par value \$0.001 per share (“Common Stock”), having an aggregate gross sales price not to exceed \$125,000,000.

This opinion is being furnished in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act of 1933, as amended (the “Securities Act”).

In rendering the opinions stated herein, we have examined and relied upon the following:

(a) the registration statement on Form S-3ASR (File No. 333-220443) of the Company relating to Common Stock and other securities of the Company filed on September 13, 2017 (the “Registration Statement”) with the Securities and Exchange Commission (the “Commission”) under the Securities Act allowing for delayed offerings pursuant to Rule 415 of the General Rules and Regulations under the Securities Act (the “Rules and Regulations”), including the information deemed to be a part of the registration statement pursuant to Rule 430B of the Rules and Regulations (such registration statement being hereinafter referred to as the “Registration Statement”);

May 9, 2018

(b) the prospectus, dated September 13, 2017 (the "Base Prospectus"), which forms a part of and is included in the Registration Statement;

(c) the prospectus supplement, dated May 9, 2018 (together with the Base Prospectus, the "Prospectus"), relating to the offering of the Securities, in the form filed with the Commission pursuant to Rule 424(b) of the Rules and Regulations;

(d) an executed copy of the Controlled Equity OfferingSM Sales Agreement (the "Sales Agreement"), dated May 9, 2018, between the Company and Cantor Fitzgerald & Co., as agent and/or principal, relating to the sale by the Company to or through Cantor Fitzgerald & Co., from time to time, of the Securities;

(e) an executed copy of a certificate of Curt Oltmans, Secretary of the Company, dated the date hereof (the "Secretary's Certificate");

(f) a copy of the Company's Amended and Restated Certificate of Incorporation, certified by the Secretary of State of the State of Delaware as of May 2, 2018, and certified pursuant to the Secretary's Certificate;

(g) a copy of the Company's Amended and Restated Bylaws, as amended and in effect as of the date hereof and certified pursuant to the Secretary's Certificate; and

(h) a copy of certain resolutions of the Board of Directors of the Company, adopted on May 3, 2018, certified pursuant to the Secretary's Certificate.

We have also examined originals or copies, certified or otherwise identified to our satisfaction, of such records of the Company and such agreements, certificates and receipts of public officials, certificates of officers or other representatives of the Company and others, and such other documents as we have deemed necessary or appropriate as a basis for the opinions stated below, including the facts and conclusions set forth in the Secretary's Certificate and the factual representations and warranties contained in the Sales Agreement.

In our examination, we have assumed the genuineness of all signatures, the legal capacity and competency of all natural persons, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as facsimile, electronic, certified or photostatic copies, and the authenticity of the originals of such copies. As to any facts relevant to the opinions stated herein that we did not independently establish or verify, we have relied upon statements and representations of officers and other representatives of the Company and others and of public officials, including the factual representations and warranties set forth in the Sales Agreement.

May 9, 2018

We do not express any opinion with respect to the laws of any jurisdiction other than the General Corporation Law of the State of Delaware (the “DGCL”).

Based upon the foregoing and subject to the qualifications and assumptions stated herein, we are of the opinion that the Securities have been duly authorized by all requisite corporate action on the part of the Company under the DGCL and when issued and sold in accordance with the Sales Agreement, will be validly issued, fully paid and nonassessable, provided that the consideration therefor is not less than \$0.001 per share of Common Stock.

We hereby consent to the reference to our firm under the heading “Legal Matters” in the Prospectus. We also hereby consent to the filing of this opinion with the Commission as an exhibit to the Company’s Quarterly Report on Form 10-Q being filed on the date hereof and incorporated by reference into the Registration Statement and the Prospectus. In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the Rules and Regulations.

Very truly yours,

/s/ Skadden, Arps, Slate, Meagher & Flom LLP

ARRAY BIOPHARMA INC.
Up to \$125,000,000 of
Shares of Common Stock
(par value \$0.001 per share)

Controlled Equity OfferingSM

Sales Agreement

May 9, 2018

Cantor Fitzgerald & Co.
499 Park Avenue
New York, NY 10022

Ladies and Gentlemen:

Array BioPharma Inc., a Delaware corporation (the “**Company**”), confirms its agreement (this “**Agreement**”) with Cantor Fitzgerald & Co. (the “**Agent**”), as follows:

1. **Issuance and Sale of Shares.** The Company agrees that, from time to time during the term of this Agreement, on the terms and subject to the conditions set forth herein, it may issue and sell through the Agent shares of common stock (the “**Placement Shares**”) of the Company, par value \$0.001 per share (the “**Common Stock**”); provided, however, that in no event shall the Company issue or sell through the Agent such number or dollar amount of Placement Shares that would (a) exceed the number or dollar amount of shares of Common Stock registered on the effective Registration Statement (as defined below) pursuant to which the offering is being made, (b) exceed the number of authorized but unissued shares of Common Stock, (c) exceed, if applicable, the number or dollar amount of shares of Common Stock permitted to be sold under Form S-3 (including General Instruction I.B.6 thereof, if applicable) or (d) exceed the number or dollar amount of shares of Common Stock for which the Company has filed a Prospectus Supplement (as defined below) (the lesser of (a), (b), (c) and (d), the “**Maximum Amount**”). Notwithstanding anything to the contrary contained herein, the parties hereto agree that compliance with the limitations set forth in this Section 1 on the amount of Placement Shares issued and sold under this Agreement shall be the sole responsibility of the Company and that the Agent shall have no obligation in connection with such compliance. The offer and sale of Placement Shares through the Agent will be effected pursuant to the Registration Statement (as defined below) filed by the Company with the Securities and Exchange Commission (the “**Commission**”), although nothing in this Agreement shall be construed as requiring the Company to use the Registration Statement to issue Common Stock.

The Company has filed, in accordance with the provisions of the Securities Act of 1933, as amended (the “**Securities Act**”) and the rules and regulations thereunder (the “**Securities Act**”

Regulations”), with the Commission a registration statement on Form S-3 (File No. 333-220443), including a base prospectus, relating to certain securities, including the Placement Shares to be issued from time to time by the Company, and which incorporates by reference certain documents that the Company has filed or will file in accordance with the provisions of the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), and the rules and regulations thereunder. The Company has prepared a prospectus or a prospectus supplement to the base prospectus included as part of the registration statement, which prospectus or prospectus supplement relates to the Placement Shares to be issued from time to time by the Company (the “**Prospectus Supplement**”). The Company will furnish to the Agent, for use by the Agent, copies of the prospectus included as part of such registration statement, as supplemented by the Prospectus Supplement, relating to the Placement Shares to be issued from time to time by the Company. The Company may file one or more additional registration statements from time to time that will contain a base prospectus and related prospectus or prospectus supplement, if applicable (which shall be a Prospectus Supplement), with respect to the Placement Shares. Except where the context otherwise requires, such registration statement(s), including all documents filed as part thereof or incorporated by reference therein, and including any information contained in a Prospectus (as defined below) subsequently filed with the Commission pursuant to Rule 424(b) under the Securities Act Regulations or deemed to be a part of such registration statement pursuant to Rule 430B of the Securities Act Regulations, is herein called the “**Registration Statement**.” The base prospectus or base prospectuses, including all documents incorporated therein by reference, included in the Registration Statement, as it may be supplemented, if necessary, by the Prospectus Supplement, in the form in which such prospectus or prospectuses and/or Prospectus Supplement have most recently been filed by the Company with the Commission pursuant to Rule 424(b) under the Securities Act Regulations, together with the then issued Issuer Free Writing Prospectus(es) (as defined below), is herein called the “**Prospectus**.”

Any reference herein to the Registration Statement, any Prospectus Supplement, Prospectus or any Issuer Free Writing Prospectus, shall be deemed to refer to and include the documents, if any, incorporated by reference therein (the “**Incorporated Documents**”), including, unless the context otherwise requires, the documents, if any, filed as exhibits to such Incorporated Documents. Any reference herein to the terms “amend,” “amendment” or “supplement” with respect to the Registration Statement any Prospectus Supplement, the Prospectus or any Issuer Free Writing Prospectus shall be deemed to refer to and include the filing of any document under the Exchange Act on or after the most-recent effective date of the Registration Statement, or the date of the Prospectus Supplement, Prospectus or such Issuer Free Writing Prospectus, as the case may be, and incorporated therein by reference. For purposes of this Agreement, all references to the Registration Statement, the Prospectus or to any amendment or supplement thereto shall be deemed to include the most recent copy filed with the Commission pursuant to its Electronic Data Gathering Analysis and Retrieval system, or if applicable, the Interactive Data Electronic Application system when used by the Commission (collectively, “**EDGAR**”).

2. Placements. Each time that the Company wishes to issue and sell Placement Shares hereunder (each, a “**Placement**”), it will notify the Agent by email notice (or other method mutually agreed to in writing by the parties) of the number of Placement Shares to be issued, the time period during which sales are requested to be made, any limitation on the number of Placement Shares that may be sold in any one day and any minimum price below which sales may not be made (a “**Placement Notice**”), the form of which is attached hereto as Schedule 1. The Placement Notice shall originate from any of the individuals from the Company set forth on Schedule 3 (with a copy to each of the other individuals from the Company listed on such schedule), and shall be addressed to each of the individuals from the Agent set forth on Schedule 3, as such Schedule 3 may be amended from time to time. The Placement Notice shall be effective unless and until (i) the Agent declines to accept the terms contained therein within one Business Day (as defined below) of receipt of the Placement Notice for any reason, in its sole discretion, (ii) the entire amount of the Placement Shares thereunder have been sold, (iii) the Company suspends or terminates the Placement Notice or (iv) this Agreement has been terminated under the provisions of Section 13. The amount of any discount, commission or other compensation to be paid by the Company to Agent in connection with the sale of the Placement Shares shall be calculated in accordance with the terms set forth in Schedule 2. It is expressly acknowledged and agreed that neither the Company nor the Agent will have any obligation whatsoever with respect to a Placement or any Placement Shares unless and until the Company delivers a Placement Notice to the Agent and the Agent does not decline such Placement Notice pursuant to the terms set forth above, and then only upon the terms specified therein and herein. In the event of a conflict between the terms of this Agreement and the terms of a Placement Notice, the terms of the Placement Notice will control.

3. Sale of Placement Shares by Agent. Subject to the provisions of Section 5(a), the Agent, for the period specified in the Placement Notice, will use its commercially reasonable efforts consistent with its normal trading and sales practices and applicable state and federal laws, rules and regulations and the rules of the Nasdaq Global Market (the “**Exchange**”), to sell the Placement Shares up to the amount specified, and otherwise in accordance with the terms of such Placement Notice. The Agent will provide written confirmation to the Company no later than the opening of the Trading Day (as defined below) immediately following the Trading Day on which it has made sales of Placement Shares hereunder setting forth the number of Placement Shares sold on such day, the compensation payable by the Company to the Agent pursuant to Section 2 with respect to such sales, and the Net Proceeds (as defined below) payable to the Company, with an itemization of the deductions made by the Agent (as set forth in Section 5(b)) from the gross proceeds that it receives from such sales. Subject to the terms of the Placement Notice, the Agent may sell Placement Shares by any method permitted by law deemed to be an “at the market offering” as defined in Rule 415(a)(4) of the Securities Act Regulations, including sales made directly on or through the Exchange or any other existing trading market for the Common Stock in negotiated transactions at market prices prevailing at the time of sale or at prices related to such prevailing market prices and/or any other method permitted by law. While a Placement Notice is in effect, neither the Agent nor

any of its subsidiaries shall, for its own account, engage in (i) any short sale of any security of the Company, as defined in Regulation SHO under the Exchange Act or (ii) any market making, bidding, stabilization or other trading activity with regard to the Common Stock or related derivative securities, in each case, if such activity would be prohibited under Regulation M under the Exchange Act (“**Regulation M**”) or other anti-manipulation rules under the Securities Act. For the avoidance of doubt, this restriction shall not apply to transactions by or on behalf of any customer of such Agent or transactions by such Agent to facilitate any such transactions by or on behalf of any customer of such Agent. “**Trading Day**” means any day on which Common Stock is traded on the Exchange.

4. Suspension of Sales. The Company or the Agent may, upon notice to the other party in writing (including by email correspondence to each of the individuals of the other party set forth on Schedule 3, if receipt of such correspondence is actually acknowledged by any of the individuals to whom the notice is sent, other than via auto-reply) or by telephone (confirmed immediately by verifiable facsimile transmission or email correspondence to each of the individuals of the other party set forth on Schedule 3), suspend any sale of Placement Shares (a “**Suspension**”); provided, however, that such Suspension shall not affect or impair any party’s obligations with respect to any Placement Shares sold hereunder prior to the receipt of such notice. While a Suspension is in effect any obligation under Sections 7(l), 7(m), and 7(n) with respect to the delivery of certificates, opinions, or comfort letters to the Agent, shall be waived, provided, however, that such waiver shall not apply for the Representation Date (defined below) occurring on the date that the Company files its Annual Report on Form 10-K. Each of the parties agrees that no such notice under this Section 4 shall be effective against any other party unless it is made to and acknowledged by one of the individuals named on Schedule 3 hereto, as such Schedule may be amended from time to time.

5. Sale and Delivery to the Agent; Settlement.

(a) Sale of Placement Shares. On the basis of the representations and warranties herein contained and subject to the terms and conditions herein set forth, upon the Agent’s acceptance of the terms of a Placement Notice, and unless the sale of the Placement Shares described therein has been declined, suspended, or otherwise terminated in accordance with the terms of this Agreement, the Agent, for the period specified in the Placement Notice, will use its commercially reasonable efforts consistent with its normal trading and sales practices and applicable law and regulations to sell such Placement Shares up to the amount specified, and otherwise in accordance with the terms of such Placement Notice. The Company acknowledges and agrees that (i) there can be no assurance that the Agent will be successful in selling Placement Shares, (ii) the Agent will incur no liability or obligation to the Company or any other person or entity if it does not sell Placement Shares for any reason other than a failure by the Agent to use its commercially reasonable efforts consistent with its normal trading and sales practices and applicable law and regulations to sell such Placement Shares as required under this Agreement and (iii) the Agent shall be under no

obligation to purchase Placement Shares on a principal basis pursuant to this Agreement, except as otherwise agreed by the Agent and the Company.

(b) Settlement of Placement Shares. Unless otherwise specified in the applicable Placement Notice, settlement for sales of Placement Shares will occur on the second (2nd) Trading Day (or such earlier day as is industry practice for regular-way trading) following the date on which such sales are made (each, a “**Settlement Date**”). The Agent shall notify the Company of each sale of Placement Shares on the date of such sale. The amount of proceeds to be delivered to the Company on a Settlement Date against receipt of the Placement Shares sold (the “**Net Proceeds**”) will be equal to the aggregate sales price received by the Agent, after deduction for (i) the Agent’s commission, discount or other compensation for such sales payable by the Company pursuant to Section 2 hereof, and (ii) any transaction fees imposed by any Governmental Authority in respect of such sales.

(c) Delivery of Placement Shares. On or before each Settlement Date, the Company will, or will cause its transfer agent to, electronically transfer the Placement Shares being sold by crediting the Agent’s or its designee’s account (provided the Agent shall have given the Company written notice of such designee at least one Trading Day prior to the Settlement Date) at The Depository Trust Company through its Deposit and Withdrawal at Custodian System or by such other means of delivery as may be mutually agreed upon by the parties hereto which in all cases shall be freely tradable, transferable, registered shares in good deliverable form. On each Settlement Date, the Agent will deliver the related Net Proceeds in same day funds to an account designated by the Company on, or prior to, the Settlement Date. The Company agrees that if the Company, or its transfer agent (if applicable), defaults in its obligation to deliver Placement Shares on a Settlement Date through no fault of the Agent, the Company agrees that in addition to and in no way limiting the rights and obligations set forth in Section 11(a) hereto, it will (i) hold the Agent harmless against any loss, claim, damage, or expense (including reasonable legal fees and expenses), as incurred, arising out of or in connection with such default by the Company or its transfer agent (if applicable) and (ii) pay to the Agent any commission, discount, or other compensation to which it would otherwise have been entitled absent such default.

(d) Denominations; Registration. Certificates for the Placement Shares, if any, shall be in such denominations and registered in such names as the Agent may request in writing at least one full Business Day (as defined below) before the Settlement Date. The certificates for the Placement Shares, if any, will be made available by the Company for examination and packaging by the Agent in The City of New York not later than noon (New York time) on the Business Day prior to the Settlement Date.

(e) Limitations on Offering Size. Under no circumstances shall the Company cause or request the offer or sale of any Placement Shares if, after giving effect to the sale of such Placement Shares, the aggregate gross sales proceeds of Placement Shares sold pursuant to this

Agreement would exceed the lesser of (A) together with all sales of Placement Shares under this Agreement, the Maximum Amount, (B) the amount available for offer and sale under the currently effective Registration Statement and (C) the amount authorized from time to time to be issued and sold under this Agreement by the Company's board of directors, a duly authorized committee thereof or a duly authorized executive committee, and notified to the Agent in writing. Under no circumstances shall the Company cause or request the offer or sale of any Placement Shares pursuant to this Agreement at a price lower than the minimum price authorized from time to time by the Company's board of directors, a duly authorized committee thereof or a duly authorized executive committee, and notified to the Agent in writing. Further, under no circumstances shall the Company cause or permit the aggregate offering amount of Placement Shares sold pursuant to this Agreement to exceed the Maximum Amount.

6. Representations and Warranties of the Company. The Company represents and warrants to, and agrees with Agent that as of the date of this Agreement and as of each Applicable Time (as defined below), unless such representation, warranty or agreement relates to a different time and except as otherwise disclosed in the Registration Statement or the Prospectus:

(a) Registration Statement and Prospectus.

(i) With respect to a Registration Statement filed on Form S-3ASR, the Company and the transactions contemplated by this Agreement meet the requirements for and comply with the conditions set forth in Form S-3 (including General Instructions I.A and I.B) under the Securities Act; such Registration Statement has been filed with the Commission and became effective upon filing under Rule 462(e) of the Securities Act; at the time of the initial filing of such Registration Statement, at the time of the most recent amendment thereto for the purposes of complying with Section 10(a)(3) of the Securities Act (whether such amendment was by post-effective amendment, incorporated report filed pursuant to Section 13 or 15(d) of the Exchange Act or form of prospectus), at the time the Company or any person acting on its behalf (within the meaning, for this clause only, of Rule 163(c) of the Securities Act) made any offer relating to the Placement Shares registered on such Registration Statement in reliance on the exemption of Rule 163 of the Securities Act and at the date hereof, the Company was and is a "well-known seasoned issuer" as defined in Rule 405 of the Securities Act, including not having been and not being an "ineligible issuer," as defined in Rule 405 of the Securities Act; the Registration Statement is an "automatic shelf registration statement," as defined in Rule 405 of the Securities Act, and the Placement Shares, since their registration on the Registration Statement, have been and remain eligible for registration by the Company on a Rule 405 "automatic shelf registration statement"; the Company has not received from the Commission any notice pursuant to Rule 401(g)(2) of the Securities Act objecting to the use of the automatic shelf registration statement form; and the Company has paid or will pay the required Commission filing fees relating to the Placement Shares within the time required by Rule 456(b)(1)(i) of the Securities Act without regard to the proviso

therein and otherwise in accordance with Rules 456(b) and 457(r) of the Securities Act (including, if applicable, by updating the “Calculation of Registration Fee” table in accordance with Rule 456(b)(1)(ii) of the Securities Act either in a post-effective amendment to the Registration Statement or on the cover page of the Prospectus).

(ii) With respect to a Registration Statement filed on Form S-3, the Company and the transactions contemplated by this Agreement meet the requirements for and comply with the conditions set forth in Form S-3 (including General Instructions I.A and I.B) under the Securities Act; and the Registration Statement has been filed with the Commission and has been declared effective by the Commission under the Securities Act. The Prospectus Supplement will name the Agent as the agent in the section entitled “Plan of Distribution.” The Company has not received, and has no notice of, any order of the Commission preventing or suspending the use of the Registration Statement, or threatening or instituting proceedings for that purpose. The Registration Statement and the offer and sale of Placement Shares pursuant to this Agreement meet the requirements of Rule 415 under the Securities Act and comply in all material respects with said Rule. Any statutes, regulations, contracts or other documents that are required to be described in the Registration Statement or the Prospectus or to be filed as exhibits to the Registration Statement have been so described or filed. Copies of the Registration Statement, the Prospectus, and any such amendments or supplements thereto, and all Incorporated Documents that were filed with the Commission on or prior to the date of this Agreement have been delivered, or are available through EDGAR, to the Agent and its counsel. The Company has not distributed and, prior to the later to occur of each Settlement Date and completion of the distribution of the Placement Shares, will not distribute any offering material in connection with the offering or sale of the Placement Shares other than the Registration Statement and the Prospectus, including any Permitted Issuer Free Writing Prospectus (as defined below). The Common Stock is registered pursuant to Section 12(b) of the Exchange Act and is currently listed on the Exchange under the trading symbol “ARRY.” The Company has taken no action designed to, or likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act or delisting the Common Stock from the Exchange, nor has the Company received any notification that the Commission or the Exchange is contemplating terminating such registration or listing. To the Company’s knowledge, it is in compliance with all applicable listing requirements of the Exchange. The Company has no reason to believe that it will not in the foreseeable future continue to be in compliance with all such listing and maintenance requirements.

(b) No Misstatement or Omission. The Registration Statement, when it became or becomes effective, did not, and will not, contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading. The Prospectus and any amendment and supplement thereto, on the date thereof and at each Applicable Time (defined below), did not or will not include an untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in light of the

circumstances under which they were made, not misleading. The foregoing shall not apply to statements in, or omissions from, any such document made in reliance upon, and in conformity with, information furnished to the Company by Agent specifically for use in the preparation thereof.

(c) Conformity with Securities Act and Exchange Act. The Registration Statement, the Prospectus, any Issuer Free Writing Prospectus, or any amendment or supplement thereto, and the Incorporated Documents, when such documents were or are filed with the Commission under the Securities Act or the Exchange Act or became or become effective under the Securities Act, as the case may be, conformed or will conform in all material respects with the requirements of the Securities Act and the Exchange Act, as applicable. At each Settlement Date, the Registration Statement and the Prospectus, as of such date, will conform in all material respects with the requirements of the Securities Act.

(d) Financial Information. The consolidated financial statements of the Company included or incorporated by reference in the Registration Statement, the Prospectus and the Issuer Free Writing Prospectuses, if any, together with the related notes and schedules, present fairly, in all material respects, the consolidated financial position of the Company and the Subsidiaries (as defined below) as of the dates indicated and the consolidated results of operations, cash flows and changes in stockholders' equity of the Company for the periods specified (subject to normal year end audit adjustments for interim financial statements) and have been prepared in compliance with the requirements of the Securities Act and Exchange Act and in conformity with GAAP (as defined below) applied on a consistent basis during the periods involved; the other financial data with respect to the Company and the Subsidiaries contained or incorporated by reference in the Registration Statement, the Prospectus and the Issuer Free Writing Prospectuses, if any, are accurately and fairly presented and prepared on a basis consistent with the financial statements and books and records of the Company; there are no financial statements (historical or pro forma) that are required to be included or incorporated by reference in the Registration Statement or the Prospectus that are not included or incorporated by reference as required; the Company and the Subsidiaries do not have any material liabilities or obligations, direct or contingent (including any off-balance sheet obligations), not described in the Registration Statement (excluding the exhibits thereto) and the Prospectus; and all disclosures contained or incorporated by reference in the Registration Statement, the Prospectus and the Issuer Free Writing Prospectuses, if any, regarding "non-GAAP financial measures" (as such term is defined by the rules and regulations of the Commission) comply with Regulation G of the Exchange Act and Item 10 of Regulation S-K under the Securities Act, to the extent applicable. The interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement and the Prospectus fairly presents the information called for in all material respects and has been prepared in accordance with the Commission's rules and guidelines applicable thereto.

(e) Conformity with EDGAR Filing. The Prospectus delivered to the Agent for use in connection with the sale of the Placement Shares pursuant to this Agreement will be identical to the versions of the Prospectus created to be transmitted to the Commission for filing via EDGAR, except to the extent permitted by Regulation S-T.

(f) Organization. The Company and each of its Subsidiaries are, and will be, duly organized, validly existing as a corporation, or other entity and in good standing under the laws of their respective jurisdictions of organization. The Company and each of its Subsidiaries are, and will be, duly licensed or qualified as a foreign corporation for transaction of business and in good standing under the laws of each other jurisdiction in which their respective ownership or lease of property or the conduct of their respective businesses requires such license or qualification, and have all corporate power and authority necessary to own or hold their respective properties and to conduct their respective businesses as described in the Registration Statement and the Prospectus, except where the failure to be so qualified or in good standing or have such power or authority would not, individually or in the aggregate, reasonably be expected to have a material adverse effect on or affecting the assets, business, operations, earnings, properties, condition (financial or otherwise), prospects, stockholders' equity or results of operations of the Company and the Subsidiaries taken as a whole, or prevent or materially interfere with the consummation of the transactions contemplated hereby (a "**Material Adverse Effect**").

(g) Subsidiaries. The Company has no subsidiaries other than those set forth on Schedule 4 (collectively, the "**Subsidiaries**"). The Company owns, directly or indirectly, all of the equity interests of the Subsidiaries free and clear of any lien, charge, security interest, encumbrance, right of first refusal or other restriction, and all the equity interests of the Subsidiaries are validly issued and are fully paid, nonassessable and free of preemptive and similar rights. The Company does not own, directly or indirectly, any shares of stock or any other equity or long-term debt securities of another corporation or have any equity interest in any other corporation, partnership, joint venture, association, trust or other entity, other than as described in the Prospectus.

(h) No Violation or Default. Neither the Company nor any of its Subsidiaries is (i) in violation of its charter or by-laws or similar organizational documents; (ii) in default, and no event has occurred that, with notice or lapse of time or both, would constitute such a default, in the due performance or observance of any term, covenant or condition contained in any indenture, mortgage, deed of trust, loan agreement or other agreement or instrument to which the Company or any of its Subsidiaries is a party or by which the Company or any of its Subsidiaries is bound or to which any of the property or assets of the Company or any of its Subsidiaries are subject; or (iii) in violation of any law or statute or any judgment, order, rule or regulation of any Governmental Authority, except, in the case of each of clauses (ii) and (iii) above, for any such violation or default that would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect. To the Company's knowledge, no other party under any material contract or other agreement

to which it or any of its Subsidiaries is a party is in default in any respect thereunder where such default would reasonably be expected to have a Material Adverse Effect.

(i) No Material Adverse Change. Subsequent to the respective dates as of which information is given in the Registration Statement, the Prospectus and the Free Writing Prospectuses, if any (including any Incorporated Document), there has not been (i) any Material Adverse Effect or the occurrence of any development that the Company reasonably expects will result in a Material Adverse Effect, (ii) any transaction which is material to the Company and the Subsidiaries taken as a whole, (iii) any obligation or liability, direct or contingent (including any off-balance sheet obligations), incurred by the Company or any Subsidiary, which is material to the Company and the Subsidiaries taken as a whole, (iv) any material change in the capital stock or outstanding long-term indebtedness of the Company or any of its Subsidiaries or (v) any dividend or distribution of any kind declared, paid or made on the capital stock of the Company or any Subsidiary, other than in each case above in the ordinary course of business or as otherwise disclosed in the Registration Statement or Prospectus.

(j) Capitalization. The issued and outstanding shares of capital stock of the Company have been validly issued, are fully paid and nonassessable and, other than as disclosed in the Registration Statement or the Prospectus, are not subject to any preemptive rights, rights of first refusal or similar rights. The Company has an authorized, issued and outstanding capitalization as set forth in the Registration Statement and the Prospectus as of the dates referred to therein and such authorized capital stock conforms to the description thereof set forth in the Registration Statement and the Prospectus. The description of the securities of the Company in the Registration Statement and the Prospectus is complete and accurate in all material respects. Except as disclosed in or contemplated by the Registration Statement or the Prospectus, as of the dates referred to therein, the Company did not have outstanding any options to purchase, or any rights or warrants to subscribe for, or any securities or obligations convertible into, or exchangeable for, or any contracts or commitments to issue or sell, any shares of capital stock or other securities.

(k) Authorization; Enforceability. The Company has full legal right, power and authority to enter into this Agreement and perform the transactions contemplated hereby. This Agreement has been duly authorized, executed and delivered by the Company and is a legal, valid and binding agreement of the Company enforceable against the Company in accordance with its terms, except to the extent that enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium or similar laws affecting creditors' rights generally and by general equitable principles and that the indemnification and contribution provisions of Section 11 of this Agreement may be limited by federal or state securities laws and public policy considerations in respect thereof.

(l) Authorization of Placement Shares. The Placement Shares, when issued and delivered pursuant to the terms approved by the board of directors of the Company or a duly

authorized committee thereof, or a duly authorized executive committee, against payment therefor as provided herein, will be duly and validly authorized and issued and fully paid and nonassessable, free and clear of any pledge, lien, encumbrance, security interest or other claim, including any statutory or contractual preemptive rights, resale rights, rights of first refusal or other similar rights, and will be registered pursuant to Section 12 of the Exchange Act. The Placement Shares, when issued, will conform in all material respects to the description thereof set forth in or incorporated into the Prospectus.

(m) No Consents Required. No consent, approval, authorization, order, registration or qualification of or with any Governmental Authority is required for the execution, delivery and performance by the Company of this Agreement, or the issuance and sale by the Company of the Placement Shares, except for such consents, approvals, authorizations, orders and registrations or qualifications as may be required under applicable state securities laws or by the by-laws and rules of the Financial Industry Regulatory Authority (“**FINRA**”) or the Exchange in connection with the sale of the Placement Shares by the Agent.

(n) No Preferential Rights. Except as set forth in the Registration Statement and the Prospectus, (i) no person, as such term is defined in Rule 1-02 of Regulation S-X promulgated under the Securities Act (each, a “**Person**”), has the right, contractual or otherwise, to cause the Company to issue or sell to such Person any Common Stock or shares of any other capital stock or other securities of the Company, (ii) no Person has any preemptive rights, resale rights, rights of first refusal, or any other rights (whether pursuant to a “poison pill” provision or otherwise) to purchase from the Company any Common Stock or shares of any other capital stock or other securities of the Company, (iii) no Person has the right to act as an underwriter or as a financial advisor to the Company in connection with the offer and sale of the Placement Shares, and (iv) no Person has the right, contractual or otherwise, to require the Company to register under the Securities Act any Common Stock or shares of any other capital stock or other securities of the Company, or to include any such shares or other securities in the Registration Statement or the offering contemplated thereby, whether as a result of the filing or effectiveness of the Registration Statement or the sale of the Placement Shares as contemplated thereby or otherwise.

(o) Independent Public Accounting Firm. KPMG LLP (the “**Accountant**”), whose report on the consolidated financial statements of the Company is filed with the Commission as part of the Company’s most recent Annual Report on Form 10-K filed with the Commission and incorporated by reference into the Registration Statement and the Prospectus, are and, during the periods covered by their report, were an independent registered public accounting firm within the meaning of the Securities Act and the Public Company Accounting Oversight Board (United States). To the Company’s knowledge, the Accountant is not in violation of the auditor independence requirements of the Sarbanes-Oxley Act of 2002 (the “**Sarbanes-Oxley Act**”) with respect to the Company.

(p) Enforceability of Agreements. All agreements between the Company and third parties expressly referenced in the Prospectus are legal, valid and binding obligations of the Company enforceable in accordance with their respective terms, except to the extent that (i) enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium or similar laws affecting creditors' rights generally and by general equitable principles, (ii) the indemnification provisions of certain agreements may be limited by federal or state securities laws or public policy considerations in respect thereof, or (iii) any such agreements have expired or have been terminated as disclosed in documents filed by the Company with the Commission.

(q) No Litigation. Except as set forth in the Registration Statement or the Prospectus, (i) there are no actions, suits or proceedings by or before any Governmental Authority pending, nor, to the Company's knowledge, any audits or investigations by or before any Governmental Authority, to which the Company or a Subsidiary is a party or to which any property of the Company or any of its Subsidiaries is the subject that, individually or in the aggregate, if determined adversely to the Company or any of its Subsidiaries, would reasonably be expected to have a Material Adverse Effect or materially and adversely affect the ability of the Company to perform its obligations under this Agreement; (ii) to the Company's knowledge, no such actions, suits or proceedings, audits or investigations are threatened or contemplated by any Governmental Authority or threatened by others; (iii) there are no current or pending actions, suits or proceedings or, to the Company's knowledge, audits or investigations by or before any Governmental Authority that are required under the Securities Act to be described in the Prospectus that are not so described; and (iv) there are no contracts or other documents that are required under the Securities Act to be filed as exhibits to the Registration Statement that are not so filed.

(r) Consents and Permits. Except as disclosed in the Registration Statement and the Prospectus, the Company and its Subsidiaries have made all filings, applications and submissions required by, and possess all approvals, licenses, certificates, certifications, clearances, consents, grants, exemptions, marks, notifications, orders, permits and other authorizations issued by, the appropriate federal, state or foreign Governmental Authority (including, without limitation, the United States Food and Drug Administration (the "**FDA**"), the United States Drug Enforcement Administration or any other foreign, federal, state, provincial, court or local government or regulatory authorities including self-regulatory organizations engaged in the regulation of clinical trials, pharmaceuticals, biologics or biohazardous substances or materials) necessary for the ownership or lease of their respective properties or to conduct their respective businesses as described in the Registration Statement and the Prospectus (collectively, "**Permits**"), except for such Permits the failure of which to possess, obtain or make the same would not reasonably be expected to have a Material Adverse Effect; the Company and its Subsidiaries are in compliance with the terms and conditions of all such Permits, except where the failure to be in compliance would not reasonably be expected to have a Material Adverse Effect; all of the Permits are valid and in full force and effect, except where any invalidity, individually or in the aggregate, would not

be reasonably expected to have a Material Adverse Effect; and neither the Company nor any of its Subsidiaries has received any written notice of proceedings relating to the limitation, revocation, cancellation, suspension, modification or non-renewal of any such Permit, or has any reason to believe that any such license, certificate, permit or authorization will not be renewed in the ordinary course to the extent required, in each case which, singly or in the aggregate, if the subject of an unfavorable decision, ruling or finding, or not renewed, would reasonably be expected to have a Material Adverse Effect. To the extent required by applicable laws and regulations of the FDA, the Company or the applicable Subsidiary has submitted to the FDA an Investigational New Drug Application or amendment or supplement thereto for each clinical trial it has conducted or sponsored or is conducting or sponsoring; all such submissions were in material compliance with applicable laws and rules and regulations when submitted and no material deficiencies have been asserted by the FDA with respect to any such submissions.

(s) Regulatory Filings. Except as disclosed in the Registration Statement and the Prospectus, neither the Company nor any of its Subsidiaries has failed to file with the applicable Governmental Authorities (including, without limitation, the FDA, or any foreign, federal, state, provincial or local Governmental Authority performing functions similar to those performed by the FDA) any required filing, declaration, listing, registration, report or submission, except for such failures that, individually or in the aggregate, would not reasonably be expected to have a Material Adverse Effect; except as disclosed in the Registration Statement and the Prospectus, all such filings, declarations, listings, registrations, reports or submissions were in compliance with applicable laws when filed and no deficiencies have been asserted by any applicable regulatory authority with respect to any such filings, declarations, listings, registrations, reports or submissions, except for any failure to comply or deficiencies that, individually or in the aggregate, would not reasonably be expected to have a Material Adverse Effect. The Company has operated and currently is, in all material respects, in compliance with the United States Federal Food, Drug, and Cosmetic Act, all applicable rules and regulations of the FDA and other federal, state, local and foreign Governmental Authorities exercising comparable authority.

(t) Intellectual Property. Except as disclosed in the Registration Statement and the Prospectus, the Company and its Subsidiaries own, possess, license or have other rights to use all foreign and domestic patents, patent applications, trade and service marks, trade and service mark registrations, trade names, copyrights, licenses, inventions, trade secrets, technology, Internet domain names, know-how and other intellectual property (collectively, the “**Intellectual Property**”), to the Company’s knowledge necessary for the conduct of their respective businesses as now conducted except to the extent that the failure to own, possess, license or otherwise hold adequate rights to use such Intellectual Property would not, individually or in the aggregate, have a Material Adverse Effect. Except as disclosed in the Registration Statement and the Prospectus (i) there are no rights of third parties to any such Intellectual Property owned by the Company and its Subsidiaries; (ii) to the Company’s knowledge, there is no infringement by third parties of any

such Intellectual Property; (iii) there is no pending or, to the Company's knowledge, threatened action, suit, proceeding or claim by others challenging the Company's and its Subsidiaries' rights in or to any such Intellectual Property, and the Company is unaware of any facts which could form a reasonable basis for any such action, suit, proceeding or claim; (iv) there is no pending or, to the Company's knowledge, threatened action, suit, proceeding or claim by others challenging the validity or scope of any such Intellectual Property; (v) there is no pending or, to the Company's knowledge, threatened action, suit, proceeding or claim by others that the Company and its Subsidiaries infringe or otherwise violate any patent, trademark, copyright, trade secret or other proprietary rights of others; (vi) to the Company's knowledge, there is no third-party U.S. patent or published U.S. patent application which contains claims for which an Interference Proceeding (as defined in 35 U.S.C. § 135) has been commenced against any patent or patent application described in the Prospectus as being owned by or licensed to the Company; and (vii) the Company and its Subsidiaries have complied with the terms of each agreement pursuant to which Intellectual Property has been licensed to the Company or such Subsidiary, and all such agreements are in full force and effect, except, in the case of any of clauses (i)-(vii) above, for any such third party rights, infringement by third parties, pending or threatened suit, action, proceeding or claim, Interference Proceeding or failure to comply as would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect.

(u) Clinical Studies. To the Company's knowledge, the preclinical studies and tests and clinical trials described in the Prospectus being conducted by or on behalf of the Company were, and, if still pending, are being conducted in all material respects in accordance with the experimental protocols, procedures and controls pursuant to, where applicable, accepted professional and scientific standards for products or product candidates comparable to those being developed by the Company; the descriptions of such studies, tests and trials, and the results thereof, contained in the Prospectus are accurate and complete in all material respects; the Company is not aware of any tests, studies or trials not described in the Prospectus, the results of which reasonably call into question, in any material respect, the results of the tests, studies and trials described in the Prospectus when viewed in the context in which such results are described and the clinical state of development; and the Company has not received any written notice or correspondence from the FDA or any foreign, state or local Governmental Authority exercising comparable authority or any institutional review board or comparable authority requiring the termination, suspension, clinical hold or material modification of any tests, studies or trials being conducted by or on behalf of the Company, except as would not reasonably be expected to have a Material Adverse Effect.

(v) Market Capitalization. At the time the Registration Statement was originally declared effective, and at the time the Company's most recent Annual Report on Form 10-K was filed with the Commission, the Company met the then applicable requirements for the use of Form S-3 under the Securities Act, including, but not limited to, General Instruction I.B.1 of Form S-3. The aggregate market value of the outstanding voting and non-voting common equity (as defined

in Securities Act Rule 405) of the Company held by persons other than affiliates of the Company (pursuant to Securities Act Rule 144, those that directly, or indirectly through one or more intermediaries, control, or are controlled by, or are under common control with, the Company) (the “**Non-Affiliate Shares**”), was greater than \$75 million (calculated by multiplying (x) the highest price at which the common equity of the Company was last sold on the Exchange within 60 days of the date of the filing of the Registration Statement times (y) the number of Non-Affiliate Shares). The Company is not a shell company (as defined in Rule 405 under the Securities Act) and has not been a shell company for at least 12 calendar months previously and if it has been a shell company at any time previously, has filed current Form 10 information (as defined in Instruction I.B.6 of Form S-3) with the Commission at least 12 calendar months previously reflecting its status as an entity that is not a shell company.

(w) No Material Defaults. Neither the Company nor any of the Subsidiaries has defaulted on any installment on indebtedness for borrowed money or on any rental on one or more long-term leases, which defaults, individually or in the aggregate, would reasonably be expected to have a Material Adverse Effect. The Company has not filed a report pursuant to Section 13(a) or 15(d) of the Exchange Act since the filing of its last Annual Report on Form 10-K, indicating that it (i) has failed to pay any dividend or sinking fund installment on preferred stock or (ii) has defaulted on any installment on indebtedness for borrowed money or on any rental on one or more long-term leases, which defaults, individually or in the aggregate, would reasonably be expected to have a Material Adverse Effect.

(x) Certain Market Activities. Neither the Company, nor any of the Subsidiaries, nor to the Company’s knowledge any of their respective directors, officers or controlling persons has taken, directly or indirectly, any action designed, or that has constituted or might reasonably be expected to cause or result in, under the Exchange Act or otherwise, the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Placement Shares.

(y) Broker/Dealer Relationships. Neither the Company nor any of the Subsidiaries (i) is required to register as a “broker” or “dealer” in accordance with the provisions of the Exchange Act or (ii) directly or indirectly through one or more intermediaries, controls or is a “person associated with a member” or “associated person of a member” (within the meaning set forth in the FINRA Manual).

(z) No Reliance. The Company has not relied upon the Agent or legal counsel for the Agent for any legal, tax or accounting advice in connection with the offering and sale of the Placement Shares.

(aa) Taxes. The Company and each of its Subsidiaries have filed all federal, state, local and foreign tax returns which have been required to be filed and paid all taxes shown thereon through the date hereof, to the extent that such taxes have become due and are not being contested

in good faith, except where the failure to so file or pay would not reasonably be expected to have a Material Adverse Effect. Except as otherwise disclosed in or contemplated by the Registration Statement or the Prospectus, no tax deficiency has been determined adversely to the Company or any of its Subsidiaries which has had, or would reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect. The Company has no knowledge of any federal, state or other governmental tax deficiency, penalty or assessment which has been or might be asserted or threatened against it which would have a Material Adverse Effect.

(bb) Title to Real and Personal Property. Except as set forth in the Registration Statement or the Prospectus, the Company and its Subsidiaries have good and marketable title in fee simple to all items of real property owned by them, good and valid title to all personal property described in the Registration Statement or Prospectus as being owned by them that are material to the businesses of the Company or such Subsidiary, in each case free and clear of all liens, encumbrances and claims, except those matters that (i) do not materially interfere with the use made and proposed to be made of such property by the Company and any of its Subsidiaries or (ii) would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. Any real or personal property described in the Registration Statement or Prospectus as being leased by the Company and any of its Subsidiaries is held by them under valid, existing and enforceable leases, except those matters that (A) do not materially interfere with the use made or proposed to be made of such property by the Company or any of its Subsidiaries or (B) would not be reasonably expected, individually or in the aggregate, to have a Material Adverse Effect. Each of the properties of the Company and its Subsidiaries complies with all applicable codes, laws and regulations (including, without limitation, building and zoning codes, laws and regulations and laws relating to access to such properties), except if and to the extent disclosed in the Registration Statement or Prospectus or except for such failures to comply that would not, individually or in the aggregate, reasonably be expected to interfere in any material respect with the use made and proposed to be made of such property by the Company and its Subsidiaries or otherwise have a Material Adverse Effect. None of the Company or its subsidiaries has received from any Governmental Authorities any notice of any condemnation of, or zoning change affecting, the properties of the Company and its Subsidiaries, and the Company knows of no such condemnation or zoning change which is threatened, except for such that would not reasonably be expected to interfere in any material respect with the use made and proposed to be made of such property by the Company and its Subsidiaries or otherwise have a Material Adverse Effect, individually or in the aggregate.

(cc) Environmental Laws. Except as set forth in the Registration Statement or the Prospectus, the Company and its Subsidiaries (i) are in compliance with any and all applicable federal, state, local and foreign laws, rules, regulations, decisions and orders relating to the protection of human health and safety, the environment or hazardous or toxic substances or wastes, pollutants or contaminants (collectively, "**Environmental Laws**"); (ii) have received and are in compliance with all permits, licenses or other approvals required of them under applicable Environmental Laws

to conduct their respective businesses as described in the Registration Statement and the Prospectus; and (iii) have not received notice of any actual or potential liability for the investigation or remediation of any disposal or release of hazardous or toxic substances or wastes, pollutants or contaminants, except, in the case of any of clauses (i), (ii) or (iii) above, for any such failure to comply or failure to receive required permits, licenses, other approvals or liability as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(dd) Disclosure Controls. The Company and each of its Subsidiaries maintain systems of internal accounting controls sufficient to provide reasonable assurance that (i) transactions are executed in accordance with management's general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with generally accepted accounting principles and to maintain asset accountability; (iii) access to assets is permitted only in accordance with management's general or specific authorization; and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company's internal control over financial reporting is, to the Company's knowledge, effective and the Company is not aware of any material weaknesses in its internal control over financial reporting (other than as set forth in the Prospectus). Since the date of the latest audited financial statements of the Company included in the Prospectus, there has been no change in the Company's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting (other than as set forth in the Prospectus). The Company has established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15 and 15d-15) for the Company and designed such disclosure controls and procedures to ensure that material information relating to the Company and each of its Subsidiaries is made known to the certifying officers by others within those entities, including during the period in which the Company's Annual Report on Form 10-K or Quarterly Report on Form 10-Q, as the case may be, is being prepared. The Company's certifying officers have evaluated the effectiveness of the Company's disclosure controls and procedures as of a date within 90 days prior to the filing date of the Form 10-K for the fiscal year most recently ended (such date, the "**Evaluation Date**"). The Company presented in its Form 10-K for the fiscal year most recently ended the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date and the disclosure controls and procedures were effective as of the Evaluation Date.

(ee) Sarbanes-Oxley. There is and has been no failure on the part of the Company or, to the Company's knowledge, any of the Company's directors or officers, in their capacities as such, to comply in all material respects with any applicable provisions of the Sarbanes-Oxley Act and the rules and regulations promulgated thereunder. Each of the principal executive officer and the principal financial officer of the Company (or each former principal executive officer of the Company and each former principal financial officer of the Company as applicable) has made all

certifications required by Sections 302 and 906 of the Sarbanes-Oxley Act with respect to all reports, schedules, forms, statements and other documents required to be filed by it or furnished by it to the Commission. For purposes of the preceding sentence, “principal executive officer” and “principal financial officer” shall have the meanings given to such terms in the Sarbanes-Oxley Act.

(ff) Finder’s Fees. Neither the Company nor any of the Subsidiaries has incurred any liability for any finder’s fees, brokerage commissions or similar payments in connection with the transactions herein contemplated, except as may otherwise exist with respect to Agent pursuant to this Agreement.

(gg) Labor Disputes. No labor disturbance by or dispute with employees of the Company or any of its Subsidiaries exists or, to the knowledge of the Company, is threatened which would reasonably be expected to result in a Material Adverse Effect.

(hh) Investment Company Act. Neither the Company nor any of the Subsidiaries is or, after giving effect to the offering and sale of the Placement Shares, will be an “investment company” or an entity “controlled” by an “investment company,” as such terms are defined in the Investment Company Act of 1940, as amended (the “**Investment Company Act**”).

(ii) Operations. The operations of the Company and its Subsidiaries are and have been conducted at all times in compliance with applicable financial record keeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all jurisdictions to which the Company or its Subsidiaries are subject, the rules and regulations thereunder and any related or similar applicable rules, regulations or guidelines, issued, administered or enforced by any Governmental Authority (collectively, the “**Money Laundering Laws**”), except as would not reasonably be expected to result in a Material Adverse Effect; and no action, suit or proceeding by or before any Governmental Authority involving the Company or any of its Subsidiaries with respect to the Money Laundering Laws is pending or, to the knowledge of the Company, threatened.

(jj) Off-Balance Sheet Arrangements. There are no transactions, arrangements and other relationships between and/or among the Company, and/or, to the knowledge of the Company, any of its affiliates and any unconsolidated entity, including, but not limited to, any structural finance, special purpose or limited purpose entity (each, an “**Off-Balance Sheet Transaction**”) that would reasonably be expected to affect materially the Company’s liquidity or the availability of or requirements for its capital resources, including those Off-Balance Sheet Transactions described in the Commission’s Statement about Management’s Discussion and Analysis of Financial Conditions and Results of Operations (Release Nos. 33-8056; 34-45321; FR-61), required to be described in the Prospectus which have not been described as required.

(kk) Underwriter Agreements. The Company is not a party to any agreement with an agent or underwriter for any other “at the market” or continuous equity transaction.

(ll) ERISA. To the knowledge of the Company, each material employee benefit plan, within the meaning of Section 3(3) of the Employee Retirement Income Security Act of 1974, as amended (“**ERISA**”), that is maintained, administered or contributed to by the Company or any of its affiliates for employees or former employees of the Company and any of its Subsidiaries has been maintained in material compliance with its terms and the requirements of any applicable statutes, orders, rules and regulations, including but not limited to ERISA and the Internal Revenue Code of 1986, as amended (the “**Code**”); no prohibited transaction, within the meaning of Section 406 of ERISA or Section 4975 of the Code, has occurred which would result in a material liability to the Company with respect to any such plan excluding transactions effected pursuant to a statutory or administrative exemption; and for each such plan that is subject to the funding rules of Section 412 of the Code or Section 302 of ERISA, no “accumulated funding deficiency” as defined in Section 412 of the Code has been incurred, whether or not waived, and the fair market value of the assets of each such plan (excluding for these purposes accrued but unpaid contributions) exceeds the present value of all benefits accrued under such plan determined using reasonable actuarial assumptions.

(mm) Forward-Looking Statements. No forward-looking statement (within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act) (a “**Forward-Looking Statement**”) contained in the Registration Statement and the Prospectus has been made or reaffirmed without a reasonable basis or has been disclosed other than in good faith. The Forward-Looking Statements incorporated by reference in the Registration Statement and the Prospectus from the Company’s Annual Report on Form 10-K for the fiscal year most recently ended (i) are within the coverage of the safe harbor for forward-looking statements set forth in Section 27A of the Securities Act, Rule 175(b) under the Securities Act or Rule 3b-6 under the Exchange Act, as applicable, (ii) were made by the Company with a reasonable basis and in good faith and reflect the Company’s good faith commercially reasonable best estimate of the matters described therein, and (iii) have been prepared in accordance with Item 10 of Regulation S-K under the Securities Act.

(nn) Agent Purchases. The Company acknowledges and agrees that the Agent has informed the Company that the Agent may, to the extent permitted under the Securities Act and the Exchange Act, purchase and sell Common Stock for its own account while this Agreement is in effect, provided, that (i) no such purchase or sales shall take place while a Placement Notice is in effect (except to the extent the Agent may engage in sales of Placement Shares purchased or deemed purchased from the Company as a “riskless principal” or in a similar capacity) and (ii) the Company shall not be deemed to have authorized or consented to any such purchases or sales by the Agent.

(oo) Margin Rules. Neither the issuance, sale and delivery of the Placement Shares nor the application of the proceeds thereof by the Company as described in the Registration Statement and the Prospectus will violate Regulation T, U or X of the Board of Governors of the Federal Reserve System or any other regulation of such Board of Governors.

(pp) Insurance. The Company and each of its Subsidiaries carry, or are covered by, insurance in such amounts and covering such risks as the Company and each of its Subsidiaries reasonably believe are adequate for the conduct of their properties and as is customary for companies engaged in similar businesses of similar size in similar industries.

(qq) No Improper Practices. (i) Neither the Company nor, to the Company's knowledge, the Subsidiaries, nor to the Company's knowledge, any of their respective executive officers has, in the past five years, made any unlawful contributions to any candidate for any political office (or failed fully to disclose any contribution in violation of law) or made any contribution or other payment to any official of, or candidate for, any federal, state, municipal, or foreign office or other person charged with similar public or quasi-public duty in violation of any law or of the character required to be disclosed in the Prospectus; (ii) no relationship, direct or indirect, exists between or among the Company or, to the Company's knowledge, any Subsidiary or any affiliate of any of them, on the one hand, and the directors, officers and stockholders of the Company or, to the Company's knowledge, of any Subsidiary, on the other hand, that is required by the Securities Act to be described in the Registration Statement and the Prospectus that is not so described; (iii) no relationship, direct or indirect, exists between or among the Company or any Subsidiary or any affiliate of them, on the one hand, and the directors, officers, or stockholders of the Company or, to the knowledge of the Company, any Subsidiary, on the other hand, that is required by the rules of FINRA to be described in the Registration Statement and the Prospectus that is not so described; (iv) except as described in the Registration Statement and the Prospectus, there are no material outstanding loans or advances or material guarantees of indebtedness by the Company or, to the Company's knowledge, any Subsidiary to or for the benefit of any of their respective officers or directors or any of the members of the families of any of them; (v) the Company has not offered, or caused any placement agent to offer, Common Stock to any person with the intent to influence unlawfully (A) a customer or supplier of the Company or any Subsidiary to alter the customer's or supplier's level or type of business with the Company or any Subsidiary or (B) a trade journalist or publication to write or publish favorable information about the Company or any Subsidiary or any of their respective products or services; and (vi) neither the Company nor any Subsidiary nor, to the Company's knowledge, any employee or agent of the Company or any Subsidiary has made any payment of funds of the Company or any Subsidiary or received or retained any funds in violation of any law, rule or regulation (including, without limitation, the Foreign Corrupt Practices Act of 1977, as amended), which payment, receipt or retention of funds is of a character required to be disclosed in the Registration Statement or the Prospectus.

(rr) Status Under the Securities Act. The Company was not and is not an ineligible issuer as defined in Rule 405 under the Securities Act at the times specified in Rules 164 and 433 under the Securities Act in connection with the offering of the Placement Shares.

(ss) No Misstatement or Omission in an Issuer Free Writing Prospectus. Each Issuer Free Writing Prospectus, as of its issue date and as of each Applicable Time (as defined in Section 25 below), did not, does not and will not, through the completion of the Placement for which such Issuer Free Writing Prospectus is used or deemed used, include any information that conflicted, conflicts or will conflict with the information contained in the Registration Statement or the Prospectus, including any Incorporated Document that has not been superseded or modified. The foregoing sentence does not apply to statements in or omissions from any Issuer Free Writing Prospectus based upon and in conformity with written information furnished to the Company by the Agent specifically for use therein.

(tt) No Conflicts. Neither the execution of this Agreement, nor the issuance, offering or sale of the Placement Shares, nor the consummation of any of the transactions contemplated herein, nor the compliance by the Company with the terms and provisions hereof will conflict with, or will result in a breach of, any of the terms and provisions of, or has constituted or will constitute a default under, or has resulted in or will result in the creation or imposition of any lien, charge or encumbrance upon any property or assets of the Company pursuant to, the terms of any contract or other agreement to which the Company may be bound or to which any of the property or assets of the Company is subject, except (i) such conflicts, breaches or defaults as may have been waived and (ii) such conflicts, breaches and defaults that would not reasonably be expected to have a Material Adverse Effect; nor will such action result (x) in any violation of the provisions of the organizational or governing documents of the Company, or (y) in any material violation of the provisions of any statute or any order, rule or regulation applicable to the Company or of any Governmental Authority having jurisdiction over the Company.

(uu) Sanctions. (i) The Company represents that, neither the Company nor any of its Subsidiaries (collectively, the “Entity”) or, to the Company’s knowledge, any director, officer, employee, agent, affiliate or representative of the Entity, is a government, individual, or entity (in this paragraph (uu), “Person”) that is, or is owned or controlled by a Person that is:

(A) the subject of any sanctions administered or enforced by the U.S. Department of Treasury’s Office of Foreign Assets Control (“OFAC”), the United Nations Security Council, the European Union, Her Majesty’s Treasury, or other relevant sanctions authorities, including, without limitation, designation on OFAC’s Specially Designated Nationals and Blocked Persons List or OFAC’s Foreign Sanctions Evaders List (as amended, collectively, “Sanctions”), nor

(B) located, organized or resident in a country or territory that is the subject of Sanctions that broadly prohibit dealings with that country or territory (including,

without limitation, Cuba, Iran, North Korea, Sudan, Syria and the Crimea Region of the Ukraine) (the “**Sanctioned Countries**”).

(ii) The Company represents and covenants that it will not, directly or indirectly, use the proceeds of the offering, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other Person:

(A) to knowingly fund or facilitate any activities or business of or with any Person or in any country or territory that, at the time of such funding or facilitation, is the subject of Sanctions or is a Sanctioned Country; or

(B) in any other manner that will knowingly result in a violation of Sanctions by any Person (including any Person participating in the offering, whether as underwriter, advisor, investor or otherwise).

(iii) The Company represents and covenants that, except as detailed in the Registration Statement and the Prospectus, for the past 5 years, it has not knowingly engaged in, is not now knowingly engaged in, and will not knowingly engage in, any dealings or transactions with any Person, or in any country or territory, that at the time of the dealing or transaction is or was the subject of Sanctions or is or was a Sanctioned Country.

(vv) Stock Transfer Taxes. On each Settlement Date, all stock transfer or other taxes (other than income taxes) which are required to be paid in connection with the sale and transfer of the Placement Shares to be sold hereunder will be, or will have been, fully paid or provided for by the Company and all laws imposing such taxes will be or will have been complied with in all material respects.

(ww) Compliance with Laws. Each of the Company and its Subsidiaries: (A) is and at all times has been in compliance with all statutes, rules, or regulations applicable to the ownership, testing, development, manufacture, packaging, processing, use, distribution, marketing, labeling, promotion, sale, offer for sale, storage, import, export or disposal of any product manufactured or distributed by the Company or its Subsidiaries (“**Applicable Laws**”), except as would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect; (B) has not received any FDA Form 483, notice of adverse finding, warning letter, untitled letter or other correspondence or notice from the FDA or any other Governmental Authority alleging or asserting noncompliance in any material respect with any Applicable Laws or any licenses, certificates, approvals, clearances, authorizations, permits and supplements or amendments thereto required by any such Applicable Laws (“**Authorizations**”); (C) possesses all material Authorizations and such Authorizations are valid and in full force and effect and are not in material violation of any term of any such Authorizations; (D) has not received notice of any claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action from any Governmental Authority or third party alleging that any product operation or activity is in violation of any Applicable Laws or Authorizations and has no knowledge that any such Governmental

Authority or third party intends to initiate any such claim, litigation, arbitration, action, suit, investigation or proceeding; (E) has not received notice that any Governmental Authority has taken, is taking or intends to take action to limit, suspend, modify or revoke any Authorizations and has no knowledge that any such Governmental Authority intends to initiate such action; (F) has filed, obtained, maintained or submitted all material reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments as required by any Applicable Laws or Authorizations and that all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were complete and correct on the date filed (or were corrected or supplemented by a subsequent submission), in each case except as would not reasonably be expected to result in a Material Adverse Effect; and (G) has not, either voluntarily or involuntarily, initiated, conducted, or issued or caused to be initiated, conducted or issued, any recall, market withdrawal or replacement, safety alert, post-sale warning, “dear healthcare provider” letter, or other notice or action relating to the alleged lack of safety or efficacy of any product or any alleged product defect or violation and, to the Company’s knowledge, no third party has initiated, conducted or intends to initiate any such notice or action. Without limiting the generality of the foregoing, neither the Company nor any of its Subsidiaries, nor, to the Company’s knowledge, any of their respective employees, officers, directors and agents, nor any of their respective business operations, is in violation of any applicable Health Care Laws, except where the failure to be in compliance would not, individually or in the aggregate, result in a Material Adverse Effect. For purposes of this Agreement, “**Health Care Laws**” means: (i) the Federal Food, Drug, and Cosmetic Act and the regulations promulgated thereunder, including the U.S. Prescription Drug Marketing Act of 1987, as amended, and the regulations promulgated thereunder; (ii) all federal, state, local and all foreign health care related fraud and abuse laws, including, without limitation, the U.S. Anti-Kickback Statute (42 U.S.C. Section 1320a-7b(b)), the U.S. Civil False Claims Act (31 U.S.C. Section 3729 et seq.), Sections 1320a-7 and 1320a-7a of Title 42 of the United States Code and the regulations promulgated pursuant to such statutes; (iii) any criminal laws relating to health care fraud and abuse, including but not limited to 18 U.S.C. Sections 286 and 287, and the health care fraud criminal provisions under the U.S. Health Insurance Portability and Accountability Act of 1996 (“**HIPAA**”); (iv) the Standards for Privacy of Individually Identifiable Health Information, the Security Standards, the Standards for Electronic Transactions and Code Sets promulgated under HIPAA (42 U.S.C. Section 1320d et seq.), the Health Information Technology for Economic and Clinical Health Act (42 U.S.C. Section 17921 et seq.), and the regulations promulgated thereunder and any state or non-U.S. counterpart thereof or other law or regulation the purpose of which is to protect the privacy of individuals or prescribers; (iv) the U.S. Controlled Substances Act; (v) any laws or regulations that govern participation in or coverage or reimbursement from any U.S. or state health care program, including but not limited to the federal TRICARE statute (10 U.S.C. §1071 et seq.), the Veterans Administration drug pricing program (38 U.S.C. Section 8126), and any regulations promulgated thereunder; (vi) quality, safety and accreditation standards and requirements of any applicable federal, state, local or foreign laws or regulatory bodies; and (vii) any and all other

applicable health care laws and regulations in any jurisdiction, as well as contractual agreements mandated by such laws. Additionally, neither the Company nor any of its subsidiaries, nor, to the Company's knowledge, any of their respective employees, officers, directors, agents or contractors has been excluded, suspended or debarred from participation in any federal health care program or, to the knowledge of Company and its Subsidiaries, is subject to an inquiry, investigation, proceeding, or other similar matter that could subject the Company, any of its Subsidiaries, or any of their respective employees, officers, directors, agents or contractors to exclusion, suspension or debarment.

Any certificate signed by an officer of the Company and delivered to the Agent or to counsel for the Agent pursuant to or in connection with this Agreement shall be deemed to be a representation and warranty by the Company, as applicable, to the Agent as to the matters set forth therein.

7. Covenants of the Company. The Company covenants and agrees with Agent that:

(a) Registration Statement Amendments. After the date of this Agreement and during any period in which a Prospectus relating to any Placement Shares is required to be delivered by Agent under the Securities Act (including in circumstances where such requirement may be satisfied pursuant to Rule 172 under the Securities Act or similar rule), (i) the Company will notify the Agent promptly of the time when any subsequent amendment to the Registration Statement, other than documents incorporated by reference, has been filed with the Commission and/or has become effective or any subsequent supplement to the Prospectus relating to the Placement Shares has been filed and of any request by the Commission for any amendment or supplement to the Registration Statement, Prospectus, or any Issuer Free Writing Prospectus relating to the Placement Shares or for additional information related to the offering of the Placement Shares or for additional information related to the Registration Statement, the Prospectus or any Issuer Free Writing Prospectus, (ii) the Company will prepare and file with the Commission, promptly upon the Agent's request, any amendments or supplements to the Registration Statement or Prospectus that, in the Agent's reasonable opinion, may be necessary or advisable in connection with the distribution of the Placement Shares by the Agent (provided, however, that the failure of the Agent to make such request shall not relieve the Company of any obligation or liability hereunder, or affect the Agent's right to rely on the representations and warranties made by the Company in this Agreement and provided, further, that the only remedy the Agent shall have with respect to the failure to make such filing shall be to cease making sales under this Agreement until such amendment or supplement is filed); (iii) the Company will not file any amendment or supplement to the Registration Statement or Prospectus relating to the Placement Shares unless a copy thereof has been submitted to Agent within a reasonable period of time before the filing and the Agent has not reasonably objected thereto within two Business Days of receipt thereof (provided, however, that the failure of the Agent to make such objection shall not relieve the Company of any obligation or liability hereunder, or affect the Agent's right to rely on the representations and warranties made by the Company in this

Agreement and provided, further, that the only remedy the Agent shall have with respect to the failure by the Company to obtain such consent shall be to cease making sales under this Agreement); (iv) the Company will furnish to the Agent at the time of filing thereof a copy of any document that upon filing is deemed to be incorporated by reference into the Registration Statement or Prospectus, except for those documents available via EDGAR; and (v) the Company will cause each amendment or supplement to the Prospectus to be filed with the Commission as required pursuant to the applicable paragraph of Rule 424(b) of the Securities Act or, in the case of any document to be incorporated therein by reference, to be filed with the Commission as required pursuant to the Exchange Act, within the time period prescribed (the determination to file or not file any amendment or supplement with the Commission under this Section 7(a), based on the Company's reasonable opinion or reasonable objections, shall be made exclusively by the Company).

(b) Notice of Commission Stop Orders. The Company will advise the Agent, promptly after it receives notice or obtains knowledge thereof, of the issuance or threatened issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement, of the suspension of the qualification of the Placement Shares for offering or sale in any jurisdiction, or of the initiation or threatening of any proceeding for any such purpose; and it will promptly use its commercially reasonable efforts to prevent the issuance of any stop order or to obtain its withdrawal if such a stop order should be issued.

(c) Delivery of Prospectus; Subsequent Changes. During any period in which a Prospectus relating to the Placement Shares is required to be delivered by the Agent under the Securities Act with respect to the offer and sale of the Placement Shares, (including in circumstances where such requirement may be satisfied pursuant to Rule 172 under the Securities Act or similar rule), the Company will comply with all requirements imposed upon it by the Securities Act, as from time to time in force, and to file on or before their respective due dates all reports and any definitive proxy or information statements required to be filed by the Company with the Commission pursuant to Sections 13(a), 13(c), 14, 15(d) or any other provision of or under the Exchange Act. If the Company has omitted any information from the Registration Statement pursuant to Rule 430B under the Securities Act, it will use its best efforts to comply with the provisions of and make all requisite filings with the Commission pursuant to said Rule 430B and to notify the Agent promptly of all such filings. If during such period any event occurs as a result of which the Prospectus as then amended or supplemented would include an untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances then existing, not misleading, or if during such period it is necessary to amend or supplement the Registration Statement or Prospectus to comply with the Securities Act, the Company will promptly notify the Agent to suspend the offering of Placement Shares during such period and the Company will promptly amend or supplement the Registration Statement or Prospectus (at the expense of the Company) so as to correct such statement or omission or effect such compliance; provided, however,

that the Company may delay the filing of any such amendment or supplement if the Company deems it to be in the best interest of the Company.

(d) Listing of Placement Shares. During any period in which the Prospectus relating to the Placement Shares is required to be delivered by the Agent under the Securities Act with respect to the offer and sale of the Placement Shares, the Company will use its reasonable best efforts to cause the Placement Shares to be listed on the Exchange.

(e) Delivery of Registration Statement and Prospectus. The Company will furnish to the Agent and its counsel (at the expense of the Company) copies of the Registration Statement, the Prospectus (including all Incorporated Documents) and all amendments and supplements to the Registration Statement or Prospectus that are filed with the Commission during any period in which a Prospectus relating to the Placement Shares is required to be delivered under the Securities Act (including all Incorporated Documents filed with the Commission during such period), in each case as soon as reasonably practicable and in such quantities as the Agent may from time to time reasonably request and, at the Agent's request, will also furnish copies of the Prospectus to each exchange or market on which sales of the Placement Shares may be made; provided, however, that the Company shall not be required to furnish any document (other than the Prospectus) to the Agent to the extent such document is available on EDGAR.

(f) Earnings Statement. The Company will make generally available to its security holders as soon as practicable, but in any event not later than 15 months after the end of the Company's current fiscal quarter, an earnings statement covering a 12-month period that satisfies the provisions of Section 11(a) and Rule 158 of the Securities Act.

(g) Use of Proceeds. The Company will use the Net Proceeds as described in the Prospectus in the section entitled "Use of Proceeds."

(h) Notice of Other Sales. Without the prior written consent of the Agent, the Company will not, directly or indirectly, offer to sell, sell, contract to sell, grant any option to sell or otherwise dispose of any Common Stock (other than the Placement Shares offered pursuant to this Agreement) or securities convertible into or exchangeable for Common Stock, warrants or any rights to purchase or acquire, Common Stock during the period beginning on the fifth (5th) Trading Day immediately prior to the date on which any Placement Notice is delivered to Agent hereunder and ending on the fifth (5th) Trading Day immediately following the final Settlement Date with respect to Placement Shares sold pursuant to such Placement Notice (or, if the Placement Notice has been terminated or suspended prior to the sale of all Placement Shares covered by a Placement Notice, the date of such suspension or termination); and will not directly or indirectly in any other "at the market" or continuous equity transaction offer to sell, sell, contract to sell, grant any option to sell or otherwise dispose of any Common Stock (other than the Placement Shares offered pursuant to this Agreement) or securities convertible into or exchangeable for Common Stock, warrants or

any rights to purchase or acquire, Common Stock prior to the termination of this Agreement respect to Placement Shares sold pursuant to such Placement Notice; provided, however, that such restrictions will not be required in connection with the Company's issuance or sale of (i) Common Stock, options to purchase Common Stock or Common Stock issuable upon the exercise of options or vesting of equity awards, pursuant to any employee or director stock option or benefits plan, stock ownership plan or dividend reinvestment plan (but not Common Stock subject to a waiver to exceed plan limits in its dividend reinvestment plan) of the Company whether now in effect or hereafter implemented, (ii) Common Stock issuable upon conversion of securities or the exercise of warrants, options or other rights in effect or outstanding, and disclosed in filings by the Company available on EDGAR or otherwise in writing to the Agent and (iii) Common Stock or securities convertible into or exchangeable for shares of Common Stock as consideration for mergers, acquisitions, other business combinations, loan transactions or strategic alliances occurring after the date of this Agreement which are not issued for capital raising purposes.

(i) Change of Circumstances. The Company will, at any time during the pendency of a Placement Notice, advise the Agent promptly after it shall have received notice or obtained knowledge thereof, of any information or fact that would alter or affect in any material respect any opinion, certificate, letter or other document required to be provided to the Agent pursuant to this Agreement.

(j) Due Diligence Cooperation. The Company will cooperate with any reasonable due diligence review conducted by the Agent or its representatives in connection with the transactions contemplated hereby, including, without limitation, providing information and making available documents and senior corporate officers, during regular business hours and at the Company's principal offices, as the Agent may reasonably request.

(k) Required Filings Relating to Placement of Placement Shares. The Company agrees that (1) in each annual report on Form 10-K and quarterly report on Form 10-Q filed by the Company under the Exchange Act and (2) on such dates as the Securities Act shall require the filing of a prospectus supplement with respect to the sale of Placement Shares hereunder, the Company will (i) set forth in such Form 10-K or Form 10-Q, as applicable, the amount of Placement Shares sold through the Agent, the Net Proceeds to the Company and the compensation payable by the Company to the Agent with respect to such Placement Shares during the relevant period, or (ii) (A) file a prospectus supplement with the Commission under the applicable paragraph of Rule 424(b) under the Securities Act (each and every filing date under Rule 424(b), a "**Filing Date**"), which prospectus supplement will set forth, within the relevant period, the amount of Placement Shares sold through the Agent, the Net Proceeds to the Company and the compensation payable by the Company to the Agent with respect to such Placement Shares, and (B) deliver such number of copies of each such prospectus supplement to each exchange or market on which such sales were effected as may be required by the rules or regulations of such exchange or market.

(l) Representation Dates; Certificate. (1) On or prior to the date of the first Placement Notice and (2) each time the Company:

(i) files the Prospectus relating to the Placement Shares or amends or supplements (other than a prospectus supplement relating solely to an offering of securities other than the Placement Shares) the Registration Statement or the Prospectus relating to the Placement Shares by means of a post-effective amendment, sticker, or supplement but not by means of incorporation of documents by reference into the Registration Statement or the Prospectus relating to the Placement Shares;

(ii) files an annual report on Form 10-K under the Exchange Act (including any Form 10-K/A containing amended financial information or a material amendment to the previously filed Form 10-K);

(iii) files its quarterly reports on Form 10-Q under the Exchange Act; or

(iv) files a current report on Form 8-K containing amended financial information (other than information “furnished” pursuant to Items 2.02 or 7.01 of Form 8-K or to provide disclosure pursuant to Item 8.01 of Form 8-K relating to the reclassification of certain properties as discontinued operations in accordance with Statement of Financial Accounting Standards No. 144) under the Exchange Act (each date of filing of one or more of the documents referred to in clauses (i) through (iv) shall be a “**Representation Date**”);

the Company shall furnish the Agent (but in the case of clause (iv) above only if the Agent reasonably determines that the information contained in such Form 8-K is material) with a certificate dated the Representation Date, in the form attached hereto as Exhibit 7(l). The requirement to provide a certificate under this Section 7(l) shall be waived for any Representation Date occurring at a time a Suspension is in effect, which waiver shall continue until the earlier to occur of the date the Company delivers instructions for the sale of Placement Shares hereunder (which for such calendar quarter shall be considered a Representation Date) and the next occurring Representation Date. Notwithstanding the foregoing, if the Company subsequently decides to sell Placement Shares following a Representation Date when a Suspension was in effect and did not provide the Agent with a certificate under this Section 7(l), then before the Company delivers the instructions for the sale of Placement Shares or the Agent sells any Placement Shares pursuant to such instructions, the Company shall provide the Agent with a certificate in conformity with this Section 7(l) dated as of the date that the instructions for the sale of Placement Shares are issued.

(m) Legal Opinions. (1) On or prior to the date of the first Placement Notice and (2) within five (5) Trading Days of each Representation Date with respect to which the Company is obligated to deliver a certificate pursuant to Section 7(l) for which no waiver is applicable and excluding the date of this Agreement, the Company shall cause to be furnished to the Agent a written

opinion of each of (A) Skadden, Arps, Slate, Meagher & Flom LLP (“**Company Counsel**”), or other counsel satisfactory to the Agent, (B) Curtis Oltmans, Executive Vice President, General Counsel and Secretary of the Company (the “**General Counsel**”), (C) Fish & Richardson P.C. (“**Intellectual Property Counsel**”), or other counsel satisfactory to the Agent (D) Viksnins Harris Padys Malen LLP (“**Patent Counsel**”), or other counsel satisfactory to the Agent in each case in form and substance satisfactory to Agent and its counsel, substantially similar to the forms attached hereto as Exhibits 7(m)-1, 7(m)-2, 7(m)-3 and 7(m)-4, respectively, modified, as necessary, to relate to the Registration Statement and the Prospectus as then amended or supplemented; provided, however, the Company shall be required to furnish to Agent no more than one opinion from each of Company Counsel and the General Counsel hereunder per calendar quarter, and no more than one opinion from each of Intellectual Property Counsel and Patent Counsel hereunder per calendar year; provided, further, that in lieu of such opinions for subsequent periodic filings under the Exchange Act, counsel may furnish the Agent with a letter (a “**Reliance Letter**”) to the effect that the Agent may rely on a prior opinion delivered under this Section 7(m) to the same extent as if it were dated the date of such letter (except that statements in such prior opinion shall be deemed to relate to the Registration Statement and the Prospectus as amended or supplemented as of the date of the Reliance Letter).

(n) Comfort Letter. (1) On or prior to the date of the first Placement Notice and (2) within five (5) Trading Days of each Representation Date with respect to which the Company is obligated to deliver a certificate pursuant to Section 7(l) for which no waiver is applicable and excluding the date of this Agreement, the Company shall cause its independent registered public accounting firm to furnish the Agent letters (the “**Comfort Letters**”), dated the date the Comfort Letter is delivered, which shall meet the requirements set forth in this Section 7(n); provided, that if requested by the Agent, the Company shall cause a Comfort Letter to be furnished to the Agent within ten (10) Trading Days of the date of occurrence of any material transaction or event affecting the Company’s previously filed financial statements in any material respect, including the restatement of the Company’s financial statements. The Comfort Letter from the Company’s independent registered public accounting firm shall be in a form and substance reasonably satisfactory to the Agent, (i) confirming that they are an independent registered public accounting firm within the meaning of the Securities Act and the PCAOB, (ii) stating, as of such date, the conclusions and findings of such firm with respect to the financial information and other matters ordinarily covered by accountants’ “comfort letters” to underwriters in connection with registered public offerings (the first such letter, the “**Initial Comfort Letter**”) and (iii) updating the Initial Comfort Letter with any information that would have been included in the Initial Comfort Letter had it been given on such date and modified as necessary to relate to the Registration Statement and the Prospectus, as amended and supplemented to the date of such letter.

(o) Market Activities. The Company will not, directly or indirectly, (i) take any action designed to cause or result in, or that constitutes or would reasonably be expected to constitute,

the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of Common Stock or (ii) sell, bid for, or purchase the Placement Shares, or pay anyone any compensation for soliciting purchases of the Placement Shares other than the Agent.

(p) Investment Company Act. The Company will conduct its affairs in such a manner so as to reasonably ensure that it will not be or become, at any time prior to the termination of this Agreement, required to register as an “investment company,” as such term is defined in the Investment Company Act.

(q) No Offer to Sell. Other than a Permitted Issuer Free Writing Prospectus, neither the Agent nor the Company (including its agents and representatives, other than the Agent in its capacity as such) will make, use, prepare, authorize, approve or refer to any written communication (as defined in Rule 405 under the Securities Act), required to be filed with the Commission, that constitutes an offer to sell or solicitation of an offer to buy Placement Shares hereunder.

(r) Blue Sky and Other Qualifications. The Company will use its commercially reasonable efforts, in cooperation with the Agent, to qualify the Placement Shares for offering and sale, or to obtain an exemption for the Placement Shares to be offered and sold, under the applicable securities laws of such states and other jurisdictions (domestic or foreign) as the Agent may designate and to maintain such qualifications and exemptions in effect for so long as required for the distribution of the Placement Shares (but in no event for less than one year from the date of this Agreement); *provided, however*, that the Company shall not be obligated to file any general consent to service of process or to qualify as a foreign corporation or as a dealer in securities in any jurisdiction in which it is not so qualified or to subject itself to taxation in respect of doing business in any jurisdiction in which it is not otherwise so subject. In each jurisdiction in which the Placement Shares have been so qualified or exempt, the Company will file such statements and reports as may be required by the laws of such jurisdiction to continue such qualification or exemption, as the case may be, in effect for so long as required for the distribution of the Placement Shares (but in no event for less than one year from the date of this Agreement).

(s) Sarbanes-Oxley Act. The Company and the Subsidiaries will maintain and keep accurate books and records reflecting their assets and maintain internal accounting controls in a manner designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles and including those policies and procedures that (i) pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Company, (ii) provide reasonable assurance that transactions are recorded as necessary to permit the preparation of the Company’s consolidated financial statements in accordance with generally accepted accounting principles, (iii) that receipts and expenditures of the Company are being made only in accordance with management’s and the Company’s directors’

authorization, and (iv) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on its financial statements. The Company and the Subsidiaries will maintain such controls and other procedures, including, without limitation, those required by Sections 302 and 906 of the Sarbanes-Oxley Act, and the applicable regulations thereunder that are designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms, including, without limitation, controls and procedures designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the Company's management, including its principal executive officer and principal financial officer, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure and to ensure that material information relating to the Company or the Subsidiaries is made known to them by others within those entities, particularly during the period in which such periodic reports are being prepared.

(t) Secretary's Certificate; Further Documentation. On or prior to the date of the first Placement Notice, the Company shall deliver to the Agent a certificate of the Secretary of the Company and attested to by an executive officer of the Company, dated as of such date, certifying as to (i) the Certificate of Incorporation of the Company, (ii) the By-laws of the Company, (iii) the resolutions of the Board of Directors of the Company, or a duly authorized committee of the Board of Directors, authorizing the execution, delivery and performance of this Agreement and the issuance of the Placement Shares and (iv) the incumbency of the officers duly authorized to execute this Agreement and the other documents contemplated by this Agreement. Within five (5) Trading Days of each Representation Date, the Company shall have furnished to the Agent such further information, certificates and documents as the Agent may reasonably request.

8. Payment of Expenses. The Company will pay all expenses incident to the performance of its obligations under this Agreement, including (i) the preparation and filing of the Registration Statement, including any fees required by the Commission, and the printing or electronic delivery of the Prospectus as originally filed and of each amendment and supplement thereto, in such number as the Agent shall deem necessary, (ii) the printing and delivery to the Agent of this Agreement and such other documents as may be required in connection with the offering, purchase, sale, issuance or delivery of the Placement Shares, (iii) the preparation, issuance and delivery of the certificates, if any, for the Placement Shares to the Agent, including any stock or other transfer taxes and any capital duties, stamp duties or other duties or taxes payable upon the sale, issuance or delivery of the Placement Shares to the Agent, (iv) the fees and disbursements of the counsel, accountants and other advisors to the Company, (v) the fees and expenses of the Agent including, but not limited to, the fees and expenses of the counsel to the Agent, payable upon the execution of this Agreement, in an amount not to exceed \$50,000, (vi) the qualification or exemption

of the Placement Shares under state securities laws in accordance with the provisions of Section 7(r) hereof, including filing fees, (vii) the printing and delivery to the Agent of copies of any Permitted Issuer Free Writing Prospectus and the Prospectus and any amendments or supplements thereto in such number as the Agent shall deem necessary, (viii) the preparation, printing and delivery to the Agent of copies of the blue sky survey, (ix) the fees and expenses of the transfer agent and registrar for the Common Stock, (x) the filing and other fees incident to any review by FINRA of the terms of the sale of the Placement Shares including the fees of the Agent's counsel (subject to the cap, set forth in clause (v) above), and (xi) the fees and expenses incurred in connection with the listing of the Placement Shares on the Exchange.

9. Representations and Covenants of Agent. Agent represents and warrants that it is duly registered as a broker-dealer under FINRA, the Exchange Act and the applicable statutes and regulations of each state in which the Placement Shares will be offered and sold, except such states in which Agent is exempt from registration or such registration is not otherwise required. Agent shall continue, for the term of this Agreement, to be duly registered as a broker-dealer under FINRA, the Exchange Act and the applicable statutes and regulations of each state in which the Placement Shares will be offered and sold, except such states in which Agent is exempt from registration or such registration is not otherwise required, during the term of this Agreement. Agent will comply with all applicable law and regulations in connection with the Placement Shares, including but not limited to Regulation M.

10. Conditions to Agent's Obligations. The obligations of the Agent hereunder with respect to a Placement will be subject to the continuing accuracy and completeness of the representations and warranties made by the Company herein, to the due performance by the Company of its obligations hereunder, to the completion by the Agent of a due diligence review satisfactory to it in its reasonable judgment, and to the continuing satisfaction (or waiver by the Agent in its sole discretion) of the following additional conditions:

(a) Registration Statement Effective. The Registration Statement shall have become effective and shall be available for the (i) resale of all Placement Shares issued to the Agent and not yet sold by the Agent and (ii) sale of all Placement Shares contemplated to be issued by any Placement Notice.

(b) No Material Notices. None of the following events shall have occurred and be continuing: (i) receipt by the Company of any request for additional information from the Commission or any other federal or state Governmental Authority during the period of effectiveness of the Registration Statement, the response to which would require any post-effective amendments or supplements to the Registration Statement or the Prospectus; (ii) the issuance by the Commission or any other federal or state Governmental Authority of any stop order suspending the effectiveness of the Registration Statement or the initiation of any proceedings for that purpose; (iii) receipt by the Company of any notification with respect to the suspension of the qualification or exemption

from qualification of any of the Placement Shares for sale in any jurisdiction or the initiation or threatening of any proceeding for such purpose; or (iv) the occurrence of any event that makes any material statement made in the Registration Statement or the Prospectus or that requires the making of any changes in the Registration Statement, the Prospectus or Incorporated Document so that, in the case of the Registration Statement, it will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein not misleading and so that, in the case of the Prospectus, it will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading.

(c) No Misstatement or Material Omission. The Agent shall not have advised the Company that the Registration Statement or Prospectus, or any amendment or supplement thereto, contains an untrue statement of fact that in the Agent's reasonable opinion is material, or omits to state a fact that in the Agent's reasonable opinion is material and is required to be stated therein or is necessary to make the statements therein not misleading.

(d) Material Changes. Except as contemplated in the Prospectus, or disclosed in the Company's reports filed with the Commission, there shall not have been any material adverse change in the authorized capital stock of the Company or any Material Adverse Effect or any development that could reasonably be expected to cause a Material Adverse Effect, or a downgrading in or withdrawal of the rating assigned to any of the Company's securities (other than asset backed securities) by any rating organization or a public announcement by any rating organization that it has under surveillance or review its rating of any of the Company's securities (other than asset backed securities), the effect of which, in the case of any such action by a rating organization described above, in the reasonable judgment of the Agent (without relieving the Company of any obligation or liability it may otherwise have), is so material as to make it impracticable or inadvisable to proceed with the offering of the Placement Shares on the terms and in the manner contemplated in the Prospectus.

(e) Legal Opinion. The Agent shall have received the opinions of Company Counsel and the General Counsel required to be delivered pursuant to Section 7(m) on or before the date on which such delivery of such opinion is required pursuant to Section 7(m).

(f) Comfort Letter. The Agent shall have received the Comfort Letter required to be delivered pursuant to Section 7(n) on or before the date on which such delivery of such Comfort Letter is required pursuant to Section 7(n).

(g) Representation Certificate. The Agent shall have received the certificate required to be delivered pursuant to Section 7(l) on or before the date on which delivery of such certificate is required pursuant to Section 7(l).

(h) No Suspension. Trading in the Common Stock shall not have been suspended on the Exchange and the Common Stock shall not have been delisted from the Exchange.

(i) Other Materials. On each date on which the Company is required to deliver a certificate pursuant to Section 7(l), the Company shall have furnished to the Agent such appropriate further information, opinions, certificates, letters and other documents as the Agent may reasonably request. All such opinions, certificates, letters and other documents will be in compliance with the provisions hereof.

(j) Securities Act Filings Made. All filings with the Commission required by Rule 424 under the Securities Act to have been filed prior to the issuance of any Placement Notice hereunder shall have been made within the applicable time period prescribed for such filing by Rule 424.

(k) Approval for Listing. The Placement Shares shall either have been approved for listing quotation on the Exchange, subject only to notice of issuance, or the Company shall have filed an application for listing quotation of the Placement Shares on the Exchange at, or prior to, the issuance of any Placement Notice.

(l) FINRA. FINRA shall have raised no objection to the terms of this offering and the amount of compensation allowable or payable to the Agent as described in the Prospectus.

(m) No Termination Event. There shall not have occurred any event that would permit the Agent to terminate this Agreement pursuant to Section 13(a).

11. Indemnification and Contribution.

(a) Company Indemnification. The Company agrees to indemnify and hold harmless the Agent, its partners, members, directors, officers, employees and agents and each person, if any, who controls the Agent within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act as follows:

(i) against any and all loss, liability, claim, damage and expense whatsoever, as incurred, joint or several, arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement (or any amendment thereto), or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein not misleading, or arising out of any untrue statement or alleged untrue statement of a material fact included in any related Issuer Free Writing Prospectus or the Prospectus (or any amendment or supplement thereto), or the omission or alleged omission therefrom of a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading;

(ii) against any and all loss, liability, claim, damage and expense whatsoever, as incurred, joint or several, to the extent of the aggregate amount paid in settlement of any litigation, or any investigation or proceeding by any Governmental Authority, commenced or threatened, or of any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission; provided that (subject to Section 11(d) below) any such settlement is effected with the written consent of the Company, which consent shall not unreasonably be delayed or withheld; and

(iii) against any and all expense whatsoever, as incurred (including the fees and disbursements of counsel), reasonably incurred in investigating, preparing or defending against any litigation, or any investigation or proceeding by any Governmental Authority, commenced or threatened, or any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission, to the extent that any such expense is not paid under (i) or (ii) above,

provided, however, that this indemnity agreement shall not apply to any loss, liability, claim, damage or expense to the extent arising out of any untrue statement or omission or alleged untrue statement or omission made solely in reliance upon and in conformity with written information furnished to the Company by the Agent expressly for use in the Registration Statement (or any amendment thereto), or in any related Issuer Free Writing Prospectus or the Prospectus (or any amendment or supplement thereto).

(b) Agent Indemnification. Agent agrees to indemnify and hold harmless the Company and its directors and each officer and director of the Company who signed the Registration Statement, and each person, if any, who controls the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act against any and all loss, liability, claim, damage and expense described in the indemnity contained in Section 11(a), as incurred, but only with respect to untrue statements or omissions, or alleged untrue statements or omissions, made in the Registration Statement (or any amendments thereto), the Prospectus (or any amendment or supplement thereto) or any Issuer Free Writing Prospectus (or any amendment or supplement thereto) in reliance upon and in conformity with information furnished to the Company in writing by the Agent expressly for use therein. The Company hereby acknowledges that the only information that the Agent has furnished to the Company expressly for use in the Registration Statement, the Prospectus or any Issuer Free Writing Prospectus (or any amendment or supplement thereto) are the statements set forth in the seventh and eighth paragraphs under the caption “Plan of Distribution” in the Prospectus.

(c) Procedure. Any party that proposes to assert the right to be indemnified under this Section 11 will, promptly after receipt of notice of commencement of any action against such party in respect of which a claim is to be made against an indemnifying party or parties under this Section 11, notify each such indemnifying party of the commencement of such action, enclosing

a copy of all papers served, but the omission so to notify such indemnifying party will not relieve the indemnifying party from (i) any liability that it might have to any indemnified party otherwise than under this Section 11 and (ii) any liability that it may have to any indemnified party under the foregoing provision of this Section 11 unless, and only to the extent that, such omission results in the forfeiture of substantive rights or defenses by the indemnifying party. If any such action is brought against any indemnified party and it notifies the indemnifying party of its commencement, the indemnifying party will be entitled to participate in and, to the extent that it elects by delivering written notice to the indemnified party promptly after receiving notice of the commencement of the action from the indemnified party, jointly with any other indemnifying party similarly notified, to assume the defense of the action, with counsel reasonably satisfactory to the indemnified party, and after notice from the indemnifying party to the indemnified party of its election to assume the defense, the indemnifying party will not be liable to the indemnified party for any other legal expenses except as provided below and except for the reasonable costs of investigation subsequently incurred by the indemnified party in connection with the defense. The indemnified party will have the right to employ its own counsel in any such action, but the fees, expenses and other charges of such counsel will be at the expense of such indemnified party unless (1) the employment of counsel by the indemnified party has been authorized in writing by the indemnifying party, (2) the indemnified party has reasonably concluded (based on advice of counsel) that there may be legal defenses available to it or other indemnified parties that are different from or in addition to those available to the indemnifying party, (3) a conflict or potential conflict exists (based on advice of counsel to the indemnified party) between the indemnified party and the indemnifying party (in which case the indemnifying party will not have the right to direct the defense of such action on behalf of the indemnified party) or (4) the indemnifying party has not in fact employed counsel to assume the defense of such action or counsel reasonably satisfactory to the indemnified party, in each case, within a reasonable time after receiving notice of the commencement of the action, in each of which cases the reasonable fees, disbursements and other charges of counsel will be at the expense of the indemnifying party or parties. It is understood that the indemnifying party or parties shall not, in connection with any proceeding or related proceedings in the same jurisdiction, be liable for the reasonable fees, disbursements and other charges of more than one separate firm (plus local counsel) admitted to practice in such jurisdiction at any one time for all such indemnified party or parties. All such fees, disbursements and other charges will be reimbursed by the indemnifying party promptly following receipt of invoices therefor in reasonable detail. An indemnifying party will not, in any event, be liable for any settlement of any action or claim effected without its written consent if such consent is required by this Section 11(c). No indemnifying party shall, without the prior written consent of each indemnified party, settle or compromise or consent to the entry of any judgment in any pending or threatened claim, action or proceeding relating to the matters contemplated by this Section 11 (whether or not any indemnified party is a party thereto), unless such settlement, compromise or consent (1) includes an express and unconditional release of each indemnified party, in form and substance reasonably satisfactory to such indemnified party,

from all liability arising out of such litigation, investigation, proceeding or claim and (2) does not include a statement as to or an admission of fault, culpability or a failure to act by or on behalf of any indemnified party.

(d) Settlement Without Consent if Failure to Reimburse. If an indemnified party shall have requested an indemnifying party to reimburse the indemnified party for reasonable fees and expenses of counsel, such indemnifying party agrees that it shall be liable for any settlement of the nature contemplated by Section 11(a)(ii) effected without its written consent if (1) such settlement is entered into more than 45 days after receipt by such indemnifying party of the aforesaid request, (2) such indemnifying party shall have received notice of the terms of such settlement at least 30 days prior to such settlement being entered into and (3) such indemnifying party shall not have reimbursed such indemnified party in accordance with such request prior to the date of such settlement.

(e) Contribution. In order to provide for just and equitable contribution in circumstances in which the indemnification provided for in the foregoing paragraphs of this Section 11 is applicable in accordance with its terms but for any reason is held to be unavailable or insufficient from the Company or the Agent, the Company and the Agent will contribute to the total losses, claims, liabilities, expenses and damages (including any investigative, legal and other expenses reasonably incurred in connection with, and any amount paid in settlement of, any action, suit or proceeding or any claim asserted, but after deducting any contribution received by the Company from persons other than the Agent, such as persons who control the Company within the meaning of the Securities Act, officers of the Company who signed the Registration Statement and directors of the Company, who also may be liable for contribution) to which the Company and the Agent may be subject in such proportion as shall be appropriate to reflect the relative benefits received by the Company on the one hand and the Agent on the other hand. The relative benefits received by the Company on the one hand and the Agent on the other hand shall be deemed to be in the same proportion as the total Net Proceeds from the sale of the Placement Shares (before deducting expenses) received by the Company bear to the total compensation received by the Agent (before deducting expenses) from the sale of Placement Shares on behalf of the Company. If, but only if, the allocation provided by the foregoing sentence is not permitted by applicable law, the allocation of contribution shall be made in such proportion as is appropriate to reflect not only the relative benefits referred to in the foregoing sentence but also the relative fault of the Company, on the one hand, and the Agent, on the other hand, with respect to the statements or omission that resulted in such loss, claim, liability, expense or damage, or action in respect thereof, as well as any other relevant equitable considerations with respect to such offering. Such relative fault shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or omission or alleged omission to state a material fact relates to information supplied by the Company or the Agent, the intent of the parties and their relative knowledge, access to information and opportunity to correct or prevent such statement or omission. The Company and

the Agent agree that it would not be just and equitable if contributions pursuant to this Section 11(e) were to be determined by pro rata allocation or by any other method of allocation that does not take into account the equitable considerations referred to herein. The amount paid or payable by an indemnified party as a result of the loss, claim, liability, expense, or damage, or action in respect thereof, referred to above in this Section 11(e) shall be deemed to include, for the purpose of this Section 11(e), any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending any such action or claim to the extent consistent with Section 11(c) hereof. Notwithstanding the foregoing provisions of this Section 11(e), the Agent shall not be required to contribute any amount in excess of the commissions received by it under this Agreement and no person found guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) will be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. For purposes of this Section 11(e), any person who controls a party to this Agreement within the meaning of the Securities Act, and any officers, directors, partners, employees or agents of the Agent, will have the same rights to contribution as that party, and each officer and director of the Company who signed the Registration Statement will have the same rights to contribution as the Company, subject in each case to the provisions hereof. Any party entitled to contribution, promptly after receipt of notice of commencement of any action against such party in respect of which a claim for contribution may be made under this Section 11(e), will notify any such party or parties from whom contribution may be sought, but the omission to so notify will not relieve that party or parties from whom contribution may be sought from any other obligation it or they may have under this Section 11(e) except to the extent that the failure to so notify such other party materially prejudiced the substantive rights or defenses of the party from whom contribution is sought. Except for a settlement entered into pursuant to the last sentence of Section 11(c) hereof, no party will be liable for contribution with respect to any action or claim settled without its written consent if such consent is required pursuant to Section 11(c) hereof.

12. Representations and Agreements to Survive Delivery. The indemnity and contribution agreements contained in Section 11 of this Agreement and all representations and warranties of the Company herein or in certificates delivered pursuant hereto shall survive, as of their respective dates, regardless of (i) any investigation made by or on behalf of the Agent, any controlling persons, or the Company (or any of their respective officers, directors or controlling persons), (ii) delivery and acceptance of the Placement Shares and payment therefor or (iii) any termination of this Agreement.

13. Termination.

(a) The Agent may terminate this Agreement, by notice to the Company, as hereinafter specified at any time (1) if there has been, since the time of execution of this Agreement or since the date as of which information is given in the Prospectus, any change, or any development or event involving a prospective change, in the condition, financial or otherwise, or in the business,

properties, earnings, results of operations or prospects of the Company and its Subsidiaries considered as one enterprise, whether or not arising in the ordinary course of business, which individually or in the aggregate, in the sole judgment of the Agent is material and adverse and makes it impractical or inadvisable to market the Placement Shares or to enforce contracts for the sale of the Placement Shares, (2) if there has occurred any material adverse change in the financial markets in the United States or the international financial markets, any outbreak of hostilities or escalation thereof or other calamity or crisis or any change or development involving a prospective change in national or international political, financial or economic conditions, in each case the effect of which is such as to make it, in the judgment of the Agent, impracticable or inadvisable to market the Placement Shares or to enforce contracts for the sale of the Placement Shares, (3) if trading in the Common Stock has been suspended or limited by the Commission or the Exchange, or if trading generally on the Exchange has been suspended or limited, or minimum prices for trading have been fixed on the Exchange, (4) if any suspension of trading of any securities of the Company on any exchange or in the over-the-counter market shall have occurred and be continuing, (5) if a major disruption of securities settlements or clearance services in the United States shall have occurred and be continuing, or (6) if a banking moratorium has been declared by either U.S. Federal or New York authorities. Any such termination shall be without liability of any party to any other party except that the provisions of Section 8 (Payment of Expenses), Section 11 (Indemnification and Contribution), Section 12 (Representations and Agreements to Survive Delivery), Section 18 (Governing Law and Time; Waiver of Jury Trial) and Section 19 (Consent to Jurisdiction) hereof shall remain in full force and effect notwithstanding such termination. If the Agent elects to terminate this Agreement as provided in this Section 13(a), the Agent shall provide the required notice as specified in Section 14 (Notices).

(b) The Company shall have the right, by giving ten (10) days notice as hereinafter specified to terminate this Agreement in its sole discretion at any time after the date of this Agreement. Any such termination shall be without liability of any party to any other party except that the provisions of Section 8, Section 11, Section 12, Section 18 and Section 19 hereof shall remain in full force and effect notwithstanding such termination.

(c) The Agent shall have the right, by giving ten (10) days notice as hereinafter specified to terminate this Agreement in its sole discretion at any time after the date of this Agreement. Any such termination shall be without liability of any party to any other party except that the provisions of Section 8, Section 11, Section 12, Section 18 and Section 19 hereof shall remain in full force and effect notwithstanding such termination.

(d) Unless earlier terminated pursuant to this Section 13, this Agreement shall automatically terminate upon the earlier of (i) the issuance and sale of all of the Placement Shares through the Agent on the terms and subject to the conditions set forth herein and (ii) the third (3rd) anniversary of the date of this Agreement; provided that the provisions of Section 8, Section 11,

Section 12, Section 18 and Section 19 hereof shall remain in full force and effect notwithstanding such termination.

(e) This Agreement shall remain in full force and effect unless terminated pursuant to Sections 13(a), (b), (c), or (d) above or otherwise by mutual agreement of the parties; provided, however, that any such termination by mutual agreement shall in all cases be deemed to provide that Section 8, Section 11, Section 12, Section 18 and Section 19 shall remain in full force and effect.

(f) Any termination of this Agreement shall be effective on the date specified in such notice of termination; provided, however, that such termination shall not be effective until the close of business on the date of receipt of such notice by the Agent or the Company, as the case may be. If such termination shall occur prior to the Settlement Date for any sale of Placement Shares, such Placement Shares shall settle in accordance with the provisions of this Agreement.

14. Notices. All notices or other communications required or permitted to be given by any party to any other party pursuant to the terms of this Agreement shall be in writing, unless otherwise specified, and if sent to the Agent, shall be delivered to:

Cantor Fitzgerald & Co.
499 Park Avenue
New York, NY 10022
Attention: Capital Markets/Jeffrey Lumby
Facsimile: (212) 307-3730

and:

Cantor Fitzgerald & Co.
499 Park Avenue
New York, NY 10022
Attention: General Counsel
Facsimile: (212) 829-4708

with a copy to:

Latham & Watkins LLP
12670 High Bluff Drive
San Diego, CA 92130
Attention: Cheston J. Larson, Esq.
Facsimile: (858) 523-5450

and if to the Company, shall be delivered to:

Array BioPharma Inc.
3200 Walnut Street
Boulder, Colorado 80301
Attention: Jason Haddock, Chief Financial Officer
Facsimile: (303) 381-6652

with a copy to:

Skadden, Arps, Slate, Meagher & Flom LLP
Four Times Square
New York, NY 10036-6522
Attention: Ryan J. Dzierniejko, Esq.
Facsimile: (917) 777-3712

Each party to this Agreement may change such address for notices by sending to the parties to this Agreement written notice of a new address for such purpose. Each such notice or other communication shall be deemed given (i) when delivered personally or by verifiable facsimile transmission (with an original to follow) on or before 4:30 p.m., New York City time, on a Business Day or, if such day is not a Business Day, on the next succeeding Business Day, (ii) on the next Business Day after timely delivery to a nationally-recognized overnight courier and (iii) on the Business Day actually received if deposited in the U.S. mail (certified or registered mail, return receipt requested, postage prepaid). For purposes of this Agreement, “**Business Day**” shall mean any day on which the Exchange and commercial banks in the City of New York are open for business.

An electronic communication (“**Electronic Notice**”) shall be deemed written notice for purposes of this Section 14 if sent to the electronic mail address specified by the receiving party under separate cover. Electronic Notice shall be deemed received at the time the party sending Electronic Notice receives verification of receipt by the receiving party. Any party receiving Electronic Notice may request and shall be entitled to receive the notice on paper, in a nonelectronic form (“**Nonelectronic Notice**”) which shall be sent to the requesting party within ten (10) days of receipt of the written request for Nonelectronic Notice.

15. Successors and Assigns. This Agreement shall inure to the benefit of and be binding upon the Company and the Agent and their respective successors and the affiliates, controlling persons, officers and directors referred to in Section 11 hereof. References to any of the parties contained in this Agreement shall be deemed to include the successors and permitted assigns of such party. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and permitted assigns any rights, remedies, obligations or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement. Neither party may assign its rights or obligations under this Agreement without the prior written consent of the other party; provided, however, that the Agent may assign its rights and

obligations hereunder to an affiliate thereof without obtaining the Company's consent upon notice to the Company.

16. Adjustments for Stock Splits. The parties acknowledge and agree that all share-related numbers contained in this Agreement shall be adjusted to take into account any stock split, stock dividend or similar event effected with respect to the Placement Shares.

17. Entire Agreement; Amendment; Severability; Waiver. This Agreement (including all schedules and exhibits attached hereto and Placement Notices issued pursuant hereto) constitutes the entire agreement and supersedes all other prior and contemporaneous agreements and undertakings, both written and oral, among the parties hereto with regard to the subject matter hereof. Neither this Agreement nor any term hereof may be amended except pursuant to a written instrument executed by the Company and the Agent. In the event that any one or more of the provisions contained herein, or the application thereof in any circumstance, is held invalid, illegal or unenforceable as written by a court of competent jurisdiction, then such provision shall be given full force and effect to the fullest possible extent that it is valid, legal and enforceable, and the remainder of the terms and provisions herein shall be construed as if such invalid, illegal or unenforceable term or provision was not contained herein, but only to the extent that giving effect to such provision and the remainder of the terms and provisions hereof shall be in accordance with the intent of the parties as reflected in this Agreement. No implied waiver by a party shall arise in the absence of a waiver in writing signed by such party. No failure or delay in exercising any right, power, or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise thereof preclude any other or further exercise thereof or the exercise of any right, power, or privilege hereunder.

18. **GOVERNING LAW AND TIME; WAIVER OF JURY TRIAL. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO THE PRINCIPLES OF CONFLICTS OF LAWS. SPECIFIED TIMES OF DAY REFER TO NEW YORK CITY TIME. THE COMPANY HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY.**

19. **CONSENT TO JURISDICTION. EACH PARTY HEREBY IRREVOCABLY SUBMITS TO THE NON-EXCLUSIVE JURISDICTION OF THE STATE AND FEDERAL COURTS SITTING IN THE CITY OF NEW YORK, BOROUGH OF MANHATTAN, FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH ANY TRANSACTION CONTEMPLATED HEREBY, AND HEREBY IRREVOCABLY WAIVES, AND AGREES NOT TO ASSERT IN ANY SUIT, ACTION OR PROCEEDING, ANY CLAIM THAT IT IS NOT PERSONALLY SUBJECT TO THE JURISDICTION OF**

ANY SUCH COURT, THAT SUCH SUIT, ACTION OR PROCEEDING IS BROUGHT IN AN INCONVENIENT FORUM OR THAT THE VENUE OF SUCH SUIT, ACTION OR PROCEEDING IS IMPROPER. EACH PARTY HEREBY IRREVOCABLY WAIVES PERSONAL SERVICE OF PROCESS AND CONSENTS TO PROCESS BEING SERVED IN ANY SUCH SUIT, ACTION OR PROCEEDING BY MAILING A COPY THEREOF (CERTIFIED OR REGISTERED MAIL, RETURN RECEIPT REQUESTED) TO SUCH PARTY AT THE ADDRESS IN EFFECT FOR NOTICES TO IT UNDER THIS AGREEMENT AND AGREES THAT SUCH SERVICE SHALL CONSTITUTE GOOD AND SUFFICIENT SERVICE OF PROCESS AND NOTICE THEREOF. NOTHING CONTAINED HEREIN SHALL BE DEEMED TO LIMIT IN ANY WAY ANY RIGHT TO SERVE PROCESS IN ANY MANNER PERMITTED BY LAW.

20. Use of Information. The Agent may not use any information gained in connection with this Agreement and the transactions contemplated by this Agreement, including due diligence, other than in connection with carrying out the terms of this Agreement or provide any such information other than to its legal counsel advising it on this Agreement unless expressly approved by the Company in writing.

21. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Delivery of an executed Agreement by one party to the other may be made by facsimile or electronic transmission.

22. Construction. The section and exhibit headings herein are for convenience only and shall not affect the construction hereof. References herein to any law, statute, ordinance, code, regulation, rule or other requirement of any Governmental Authority shall be deemed to refer to such law, statute, ordinance, code, regulation, rule or other requirement of any Governmental Authority as amended, reenacted, supplemented or superseded in whole or in part and in effect from time to time and also to all rules and regulations promulgated thereunder.

23. Permitted Issuer Free Writing Prospectuses.

The Company represents, warrants and agrees that, unless it obtains the prior consent of the Agent, and the Agent represents, warrants and agrees that, unless it obtains the prior consent of the Company, it has not made and will not make any offer relating to the Placement Shares that would constitute an Issuer Free Writing Prospectus, or that would otherwise constitute a “free writing prospectus,” as defined in Rule 405, required to be filed with the Commission. Any such free writing prospectus consented to by the Agent or by the Company, as the case may be, is hereinafter referred to as a “**Permitted Issuer Free Writing Prospectus.**” The Company represents and warrants that it has treated and agrees that it will treat each Permitted Issuer Free Writing Prospectus as an “issuer free writing prospectus,” as defined in Rule 433, and has complied and will comply with the

requirements of Rule 433 applicable to any Permitted Issuer Free Writing Prospectus, including timely filing with the Commission where required, legending and record keeping. For the purposes of clarity, the parties hereto agree that all free writing prospectuses, if any, listed in Exhibit 23 hereto are Permitted Issuer Free Writing Prospectuses.

24. Absence of Fiduciary Relationship.

The Company acknowledges and agrees that:

(a) the Agent is acting solely as agent in connection with the public offering of the Placement Shares and in connection with each transaction contemplated by this Agreement and the process leading to such transactions, and no fiduciary or advisory relationship between the Company or any of its respective affiliates, stockholders (or other equity holders), creditors or employees or any other party, on the one hand, and the Agent, on the other hand, has been or will be created in respect of any of the transactions contemplated by this Agreement, irrespective of whether or not the Agent has advised or is advising the Company on other matters, and the Agent has no obligation to the Company with respect to the transactions contemplated by this Agreement except the obligations expressly set forth in this Agreement;

(b) it is capable of evaluating and understanding, and understands and accepts, the terms, risks and conditions of the transactions contemplated by this Agreement;

(c) the Agent has not provided any legal, accounting, regulatory or tax advice with respect to the transactions contemplated by this Agreement and it has consulted its own legal, accounting, regulatory and tax advisors to the extent it has deemed appropriate;

(d) it is aware that the Agent and its affiliates are engaged in a broad range of transactions which may involve interests that differ from those of the Company and the Agent has no obligation to disclose such interests and transactions to the Company by virtue of any fiduciary, advisory or agency relationship or otherwise; and

(e) it waives, to the fullest extent permitted by law, any claims it may have against the Agent for breach of fiduciary duty or alleged breach of fiduciary duty in connection with the sale of Placement Shares under this Agreement and agrees that the Agent shall not have any liability (whether direct or indirect, in contract, tort or otherwise) to it in respect of such a fiduciary duty claim or to any person asserting a fiduciary duty claim on its behalf or in right of it or the Company, employees or creditors of Company, other than in respect of the Agent's obligations under this Agreement and to keep information provided by the Company to the Agent and the Agent's counsel confidential to the extent not otherwise publicly-available.

25. Definitions.

As used in this Agreement, the following terms have the respective meanings set forth below:

“**Applicable Time**” means (i) each Representation Date, (ii) the time of each sale of any Placement Shares pursuant to this Agreement and (iii) each Settlement Date.

“**Governmental Authority**” means (i) any federal, provincial, state, local, municipal, national or international government or governmental authority, regulatory or administrative agency, governmental commission, department, board, bureau, agency or instrumentality, court, tribunal, arbitrator or arbitral body (public or private); (ii) any self-regulatory organization; or (iii) any political subdivision of any of the foregoing.

“**Issuer Free Writing Prospectus**” means any “issuer free writing prospectus,” as defined in Rule 433, relating to the Placement Shares that (1) is required to be filed with the Commission by the Company, (2) is a “road show” that is a “written communication” within the meaning of Rule 433(d)(8)(i) whether or not required to be filed with the Commission, or (3) is exempt from filing pursuant to Rule 433(d)(5)(i) because it contains a description of the Placement Shares or of the offering that does not reflect the final terms, in each case in the form filed or required to be filed with the Commission or, if not required to be filed, in the form retained in the Company’s records pursuant to Rule 433(g) under the Securities Act Regulations.

“**Rule 164,**” “**Rule 172,**” “**Rule 405,**” “**Rule 415,**” “**Rule 424,**” “**Rule 424(b),**” “**Rule 430B,**” and “**Rule 433**” refer to such rules under the Securities Act Regulations.

All references in this Agreement to financial statements and schedules and other information that is “contained,” “included” or “stated” in the Registration Statement or the Prospectus (and all other references of like import) shall be deemed to mean and include all such financial statements and schedules and other information that is incorporated by reference in the Registration Statement or the Prospectus, as the case may be.

All references in this Agreement to the Registration Statement, the Prospectus or any amendment or supplement to any of the foregoing shall be deemed to include the copy filed with the Commission pursuant to EDGAR; all references in this Agreement to any Issuer Free Writing Prospectus (other than any Issuer Free Writing Prospectuses that, pursuant to Rule 433, are not required to be filed with the Commission) shall be deemed to include the copy thereof filed with the Commission pursuant to EDGAR; and all references in this Agreement to “supplements” to the Prospectus shall include, without limitation, any supplements, “wrappers” or similar materials prepared in connection with any offering, sale or private placement of any Placement Shares by the Agent outside of the United States.

[Signature Page Follows]

If the foregoing correctly sets forth the understanding between the Company and the Agent, please so indicate in the space provided below for that purpose, whereupon this letter shall constitute a binding agreement between the Company and the Agent.

Very truly yours,

ARRAY BIOPHARMA INC.

By: /s/ Jason Haddock

Name: Jason Haddock

Title: Chief Financial Officer

ACCEPTED as of the date first-above written:

CANTOR FITZGERALD & CO.

By: /s/ Jeffrey Lumby

Name: Jeffrey Lumby

Title: Senior Managing Director

SCHEDULE 1

FORM OF PLACEMENT NOTICE

From: Array BioPharma Inc.

To: Cantor Fitzgerald & Co.

Attention: _____

Subject: Placement Notice

Date: [~], 20[~]

Ladies and Gentlemen:

Pursuant to the terms and subject to the conditions contained in the Sales Agreement between Array BioPharma Inc., a Delaware corporation (the "**Company**"), and Cantor Fitzgerald & Co. ("**Agent**"), dated May 9, 2018, the Company hereby requests that the Agent sell up to _____ of the Company's common stock, par value \$0.001 per share, at a minimum market price of \$ _____ per share, during the time period beginning [month, day, time] and ending [month, day, time].

Array BioPharma Inc.

[Name, Title]

cc: [other Array notice parties]

SCHEDULE 2

Compensation

The Company shall pay to the Agent in cash, upon each sale of Placement Shares pursuant to this Agreement, an amount equal to up to 3.0% of the aggregate gross proceeds from each sale of Placement Shares, with the exact amount to be agreed to by the Company at the time a Placement Notice is delivered or at such other time as the Company and the Agent may agree.

SCHEDULE 4

Subsidiaries

Yarra Therapeutics, LLC

EXHIBIT 7(I)

Form of Representation Date Certificate

The undersigned, the duly qualified and elected _____, of Array BioPharma Inc., a Delaware corporation (the "Company"), does hereby certify in such capacity and on behalf of the Company, pursuant to Section 7(l) of the Sales Agreement, dated May 9, 2018 (the "Sales Agreement"), between the Company and Cantor Fitzgerald & Co., that to the best of the knowledge of the undersigned:

(i) The representations and warranties of the Company in Section 6 of the Sales Agreement (A) to the extent such representations and warranties are subject to qualifications and exceptions contained therein relating to materiality or Material Adverse Effect, are true and correct on and as of the date hereof with the same force and effect as if expressly made on and as of the date hereof, except for those representations and warranties that speak solely as of a specific date and which were true and correct as of such date, and (B) to the extent such representations and warranties are not subject to any qualifications or exceptions, are true and correct in all material respects as of the date hereof as if made on and as of the date hereof with the same force and effect as if expressly made on and as of the date hereof, except for those representations and warranties that speak solely as of a specific date and which were true and correct as of such date; and

(ii) The Company has complied with all agreements and satisfied all conditions on its part to be performed or satisfied pursuant to the Sales Agreement at or prior to the date hereof.

Capitalized terms used herein without definition shall have the meanings given to such terms in the Sales Agreement.

ARRAY BIOPHARMA INC.

By: __

Name: _____

Title: _____

Date: _____

EXHIBIT 7(m)-1

Form of Company Counsel Legal Opinion

EXHIBIT 7(m)-2

Form of General Counsel Opinion

EXHIBIT 7(m)-3

Form of Intellectual Property Counsel Opinion

EXHIBIT 7(m)-4

Form of Patent Counsel Opinion

Exhibit 23

Permitted Issuer Free Writing Prospectus

None.

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER
UNDER SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Ron Squarer, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Array BioPharma Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant is made known to us by others within this entity, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 9, 2018

By: /s/ RON SQUARER

Ron Squarer

Chief Executive Officer

**CERTIFICATION OF CHIEF FINANCIAL OFFICER
UNDER SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Jason Haddock, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Array BioPharma Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant is made known to us by others within this entity, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 9, 2018

By: /s/ JASON HADDOCK
Jason Haddock
Principal Accounting Officer

**CERTIFICATIONS OF CHIEF EXECUTIVE OFFICER AND CHIEF FINANCIAL OFFICER
PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with this quarterly report of Array BioPharma Inc. (the "Registrant") on Form 10-Q for the period ended March 31, 2018, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), each of the undersigned, in the capacities and on the date indicated below, hereby certifies, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to his knowledge:

- (a) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (b) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Registrant.

Date: May 9, 2018

/s/ RON SQUARER

Ron Squarer

Chief Executive Officer

/s/ JASON HADDOCK

Jason Haddock

Principal Accounting Officer

