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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
WASHINGTON, DC 20549

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**FORM 10-Q**

(Mark One)

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

For the quarterly period ended September 30, 2017

or

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

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Commission file number: 001-36182

**Xencor, Inc.**

(Exact Name of Registrant as Specified in its Charter)

**Delaware**  
(State or Other Jurisdiction of Incorporation  
or Organization)

**20-1622502**  
(I.R.S. Employer Identification No.)

**111 West Lemon Avenue, Monrovia, CA**  
(Address of Principal Executive Offices)

**91016**  
(Zip Code)

**(626) 305-5900**  
(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 (§232.405 of this chapter) 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 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  Accelerated filer  Non-accelerated filer  Smaller reporting company  Emerging growth company

If an emerging growth company, indicate by checkmark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided 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 Securities Exchange Act of 1934). Yes  No

Indicate the number of shares of each of the issuer's classes of common stock, as of the latest practicable date:

Class	Outstanding at October 31, 2017
Common stock, \$0.01 par value	46,960,847

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In this report, unless otherwise stated or the context otherwise indicates, references to "Xencor," "the Company," "we," "us," "our" and similar references refer to Xencor, Inc. The Xencor logo is a registered trademark of Xencor, Inc. This report also contains registered marks, trademarks and trade names of other companies. All other trademarks, registered marks and trade names appearing in this report are the property of their respective holders.

## SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of federal securities laws. Forward-looking statements include statements that may relate to our plans, objectives, goals, strategies, future events, future revenues or performance, capital expenditures, financing needs and other information that is not historical information. Many of these statements appear, in particular, under the headings “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations”. Forward-looking statements can often be identified by the use of terminology such as “subject to”, “believe”, “anticipate”, “plan”, “expect”, “intend”, “estimate”, “project”, “may”, “will”, “should”, “would”, “could”, “can”, the negatives thereof, variations thereon and similar expressions, or by discussions of strategy.

All forward-looking statements, including, without limitation, our examination of historical operating trends, are based upon our current expectations and various assumptions. We believe there is a reasonable basis for our expectations and beliefs, but they are inherently uncertain. We may not realize our expectations, and our beliefs may not prove correct. Actual results could differ materially from those described or implied by such forward-looking statements. The following uncertainties and factors, among others (including those set forth under “Risk Factors”), could affect future performance and cause actual results to differ materially from those matters expressed in or implied by forward-looking statements:

- our plans to research, develop and commercialize our product candidates;
- our ongoing and planned clinical trials;
- the timing of and our ability to obtain and maintain regulatory approvals for our product candidates;
- our estimates regarding expenses, future revenue, capital requirements and needs for additional financing;
- our ability to identify additional products or product candidates with significant commercial potential that are consistent with our business objectives;
- the rate and degree of market acceptance and clinical utility of our products;
- the capabilities and strategy of our suppliers and vendors including key manufacturers of our clinical drug supplies;
- significant competition in our industry;
- costs of litigation and the failure to successfully defend lawsuits and other claims against us;
- our partners’ ability to advance drug candidates into, and successfully complete, clinical trials;
- our ability to receive research funding and achieve anticipated milestones under our collaborations;
- our intellectual property position;
- loss or retirement of key members of management;
- costs of compliance and our failure to comply with new and existing governmental regulations;
- failure to successfully execute our growth strategy, including any delays in our planned future growth; and
- our failure to maintain effective internal controls.

The factors, risks and uncertainties referred to above and others are more fully described under the heading “Risk Factors” in our Annual Report on Form 10-K for the fiscal year ended December 31, 2016 and subsequent Quarterly Reports on Form 10-Q. Forward-looking statements should be regarded solely as our current plans, estimates and beliefs. You should not place undue reliance on forward-looking statements. We cannot guarantee future results, events, levels of activity, performance or achievements. We do not undertake and specifically decline any obligation to update, republish or revise forward-looking statements to reflect future events or circumstances or to reflect the occurrences of unanticipated events.

**PART I — FINANCIAL INFORMATION**

## Item 1. Financial Statements

**Xencor, Inc.**  
**Balance Sheets**  
(In thousands, except share amounts)

	September 30, 2017 (unaudited)	December 31, 2016
<b>Assets</b>		
Current assets		
Cash and cash equivalents	\$ 13,634	\$ 14,528
Marketable securities	196,318	115,608
Accounts receivable	831	8,616
Prepaid expenses and other current assets	7,027	2,901
<b>Total current assets</b>	<b>217,810</b>	<b>141,653</b>
Property and equipment, net	6,085	3,105
Patents, licenses, and other intangible assets, net	11,043	10,362
Marketable securities - long term	163,052	273,340
Other assets	265	103
<b>Total assets</b>	<b>\$ 398,255</b>	<b>\$ 428,563</b>
<b>Liabilities and stockholders' equity</b>		
Current liabilities		
Accounts payable	\$ 6,602	\$ 3,880
Accrued expenses	4,636	6,692
Current portion of deferred rent	—	128
Current portion of deferred revenue	89,088	95,521
Income taxes	—	65
<b>Total current liabilities</b>	<b>100,326</b>	<b>106,286</b>
Deferred rent, less current portion	1,202	397
Deferred revenue, less current portion	6,188	7,926
<b>Total liabilities</b>	<b>107,716</b>	<b>114,609</b>
Commitments and contingencies		
Stockholders' equity		
Preferred stock, \$0.01 par value: 10,000,000 authorized shares; -0- issued and outstanding shares at September 30, 2017 and December 31, 2016	—	—
Common stock, \$0.01 par value: 200,000,000 authorized shares at September 30, 2017 and December 31, 2016; 46,955,365 issued and outstanding at September 30, 2017 and 46,567,978 issued and outstanding at December 31, 2016	470	466
Additional paid-in capital	566,609	553,290
Accumulated other comprehensive loss	(1,097)	(1,441)
Accumulated deficit	(275,443)	(238,361)
<b>Total stockholders' equity</b>	<b>290,539</b>	<b>313,954</b>
<b>Total liabilities and stockholders' equity</b>	<b>\$ 398,255</b>	<b>\$ 428,563</b>

*See accompanying notes.*

**Xencor, Inc.**  
**Statements of Comprehensive Income (Loss)**  
**(unaudited)**  
**(In thousands, except share and per share data)**

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2017	2016	2017	2016
<b>Revenue</b>				
Collaborations, licenses and milestones	\$ 7,090	\$ 7,821	\$ 24,771	\$ 81,080
<b>Operating expenses</b>				
Research and development	19,408	14,069	51,376	38,512
General and administrative	4,172	3,007	13,074	10,000
<b>Total operating expenses</b>	<b>23,580</b>	<b>17,076</b>	<b>64,450</b>	<b>48,512</b>
<b>Income (loss) from operations</b>	<b>(16,490)</b>	<b>(9,255)</b>	<b>(39,679)</b>	<b>32,568</b>
<b>Other income (expenses)</b>				
Interest income	1,048	579	3,142	1,306
Interest expense	(3)	(2)	(8)	(39)
Other income	56	3	86	5
<b>Total other income, net</b>	<b>1,101</b>	<b>580</b>	<b>3,220</b>	<b>1,272</b>
<b>Income (loss) before income taxes</b>	<b>(15,389)</b>	<b>(8,675)</b>	<b>(36,459)</b>	<b>33,840</b>
Income tax expense (benefit)	173	(598)	623	1,150
<b>Net income (loss)</b>	<b>(15,562)</b>	<b>(8,077)</b>	<b>(37,082)</b>	<b>32,690</b>
<b>Other comprehensive income (loss)</b>				
Net unrealized gain (loss) on marketable securities	143	(466)	344	266
<b>Comprehensive income (loss)</b>	<b>\$ (15,419)</b>	<b>\$ (8,543)</b>	<b>\$ (36,738)</b>	<b>\$ 32,956</b>
Basic net income (loss) per common share	\$ (0.33)	\$ (0.20)	\$ (0.79)	\$ 0.80
Diluted net income (loss) per common share	\$ (0.33)	\$ (0.20)	\$ (0.79)	\$ 0.78
Basic weighted average common shares outstanding	46,929,498	41,033,973	46,766,562	40,814,587
Diluted weighted average common shares outstanding	46,929,498	41,033,973	46,766,562	41,861,361

*See accompanying notes.*

**Xencor, Inc.**  
**Statement of Stockholders' Equity**  
**(in thousands, except share data)**

<b>Stockholders' Equity</b>	<b>Common Stock</b>		<b>Additional Paid in-Capital</b>	<b>Accumulated Other Comprehensive Loss</b>		<b>Accumulated Deficit</b>	<b>Total Stockholders' Equity</b>
	<b>Shares</b>	<b>Amount</b>					
<b>Balance, December 31, 2016 as originally reported</b>	46,567,978	\$ 466	\$ 552,889	\$ (1,441)	\$ (237,960)	\$ 313,954	
Adoption of ASU 2016-09 (see note 1)	—	—	401	—	(401)	—	
Balance December 31, 2016 as restated	46,567,978	466	553,290	(1,441)	(238,361)	313,954	
Issuance of common stock upon exercise and vesting of stock awards	352,881	4	2,665	—	—	2,669	
Issuance of common stock under the Employee Stock Purchase Plan	34,506	—	443	—	—	443	
Comprehensive income (loss)	—	—	—	344	(37,082)	(36,738)	
Stock-based compensation	—	—	10,211	—	—	10,211	
<b>Balance, September 30, 2017 (unaudited)</b>	<u>46,955,365</u>	<u>\$ 470</u>	<u>\$ 566,609</u>	<u>\$ (1,097)</u>	<u>\$ (275,443)</u>	<u>\$ 290,539</u>	

*See accompanying notes.*

**Xencor, Inc.**  
**Statements of Cash Flows**  
**(unaudited)**  
**(in thousands)**

	Nine Months Ended September 30,	
	2017	2016
<b>Cash flows from operating activities</b>		
Net income (loss)	\$ (37,082)	\$ 32,690
Adjustments to reconcile net income (loss) to net cash (used in) provided by operating activities:		
Depreciation and amortization	1,420	999
Amortization of premium on marketable securities	2,148	1,398
Stock-based compensation	10,211	5,858
Abandonment of capitalized intangible assets	273	107
Gain on disposal of assets	(2)	—
Gain on sale of marketable securities available for sale	—	(6)
Changes in operating assets and liabilities:		
Accounts receivable	7,785	(3,044)
Interest receivable	(588)	(541)
Prepaid expenses and other assets	(3,971)	(2,288)
Accounts payable	2,722	934
Accrued expenses	(2,056)	2,902
Income taxes	(65)	400
Deferred rent	359	(62)
Deferred revenue	(8,171)	71,058
Net cash (used in) provided by operating activities	<u>(27,017)</u>	<u>110,405</u>
<b>Cash flows from investing activities</b>		
Purchase of marketable securities	(49,203)	(202,147)
Purchase of intangible assets	(1,520)	(1,207)
Purchase of property and equipment	(3,834)	(1,233)
Proceeds from sale of property and equipment	2	—
Proceeds from sale and maturities of marketable securities	77,566	95,205
Net cash provided by (used in) investing activities	<u>23,011</u>	<u>(109,382)</u>
<b>Cash flows from financing activities</b>		
Proceeds from issuance of common stock upon exercise of stock awards	2,669	948
Proceeds from issuance of common stock under the Employee Stock Purchase Plan	443	226
Net cash provided by financing activities	<u>3,112</u>	<u>1,174</u>
<b>Net (decrease) increase in cash and cash equivalents</b>	<u>(894)</u>	<u>2,197</u>
<b>Cash and cash equivalents, beginning of period</b>	<u>14,528</u>	<u>12,590</u>
<b>Cash and cash equivalents, end of period</b>	<u>\$ 13,634</u>	<u>\$ 14,787</u>
<b>Supplemental disclosure of cash flow information</b>		
Cash paid during the period for:		
Interest	\$ 8	\$ —
Income taxes	\$ 790	\$ 760
<b>Supplemental disclosures of non-cash investing activities</b>		
Unrealized gain on marketable securities, net of tax	\$ 344	\$ 266

See accompanying notes.

**Xencor, Inc.**

**Notes to Financial Statements  
(unaudited)**

**September 30, 2017**

**1. Summary of Significant Accounting Policies**

***Basis of Presentation***

The accompanying unaudited interim financial statements for Xencor, Inc. (the Company) have been prepared in accordance with U.S. generally accepted accounting principles (GAAP) for interim financial information. The financial statements include all adjustments (consisting only of normal recurring adjustments) that the management of the Company believes are necessary for a fair presentation of the periods presented. The preparation of interim financial statements requires the use of management's estimates and assumptions that affect reported amounts of assets and liabilities at the date of the interim financial statements and the reported revenues and expenditures during the reported periods. These interim financial results are not necessarily indicative of the results expected for the full fiscal year or for any subsequent interim period.

The accompanying unaudited interim financial statements and related notes should be read in conjunction with the audited financial statements and notes thereto included in the Company's 2016 Annual Report on Form 10-K filed with the Securities and Exchange Commission (SEC) on March 1, 2017.

***Marketable Securities***

The Company has an investment policy that includes guidelines on acceptable investment securities, minimum credit quality, maturity parameters and concentration and diversification. The Company invests its excess cash primarily in marketable securities issued by investment grade institutions.

The Company considers its marketable securities to be available-for-sale. These assets are carried at fair value and the unrealized gains and losses are included in accumulated other comprehensive income (loss). Accrued interest on marketable securities is included in marketable securities. If a decline in the value of a marketable security in the Company's investment portfolio is deemed to be other-than-temporary, the Company writes down the security to its current fair value and recognizes a loss as a charge against income. The Company reviews its portfolio of marketable securities, using both quantitative and qualitative factors, to determine if declines in fair value below cost are other-than-temporary.

***Recent Accounting Pronouncements***

***Pronouncements Adopted in 2017***

In March 2016, the FASB issued ASU No. 2016-09, *Compensation - Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting*, which amends the current stock compensation guidance. The amendments simplify the accounting for the taxes related to stock based compensation, including adjustments to how excess tax benefits and a company's payments for tax withholdings should be classified. In addition, the standard allows an entity-wide accounting policy election to either estimate the number of awards that are expected to vest, as currently required, or account for forfeitures of awards in the period that they occur. We adopted the new standard on January 1, 2017 and established an accounting policy election to account for forfeitures when they occur. We applied the modified retrospective approach which resulted in a cumulative-effect adjustment of an increase of \$0.4 million to accumulated deficit and additional paid-in capital. The adoption will result in periodic adjustments in the recognition of stock compensation expense associated with forfeitures in the period in which they occur. The remaining aspects of adopting ASU 2016-09 did not have a material impact on our financial statement position or results from operations.



*Pronouncements Not Yet Effective*

In May 2014, the FASB issued ASU No. 2014-09, *Revenue from Contracts with Customers*, as a new Topic, Accounting Standards Codification Topic 606 (ASU 2014-09). The new revenue recognition standard provides a five-step analysis of transactions to determine when and how revenue is recognized. The core principle is that a company should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. In March 2016, the FASB issued ASU No. 2016-08, *Revenue from Contracts with Customer Topic 606, Principal versus Agent Considerations*, which clarifies the implementation guidance on principal versus agent considerations. In April 2016, the FASB issued ASU 2016-10, *Revenue from Contracts with Customers Topic 606, Identifying Performance Obligations and Licensing*, which clarifies certain aspects of identifying performance obligations and licensing implementation guidance. In May 2016, the FASB issued ASU 2016-12, *Revenue from Contracts with Customers Topic 606, Narrow-Scope Improvements and Practical Expedients*, related to disclosures of remaining performance obligations, as well as other amendments to guidance on collectability, non-cash consideration and the presentation of sales and other similar taxes collected from customers. In December 2016, the FASB issued ASU No. 2016-20, *Technical Corrections and Improvements to Topic 606, Revenue from Contracts with Customers*, which amends certain narrow aspects of the guidance issued in ASU 2014-09 including guidance related to the disclosure of remaining performance obligations and prior-period performance obligations, as well as other amendments to the guidance on loan guarantee fees, contract costs, refund liabilities, advertising costs and the clarification of certain examples. These ASUs are effective for public entities for interim and annual reporting periods beginning after December 15, 2017, including interim periods within that year, which for us is the period beginning January 1, 2018.

The Company has reviewed the new standard and its current and prior revenue arrangements and determined that there are several provisions in the new standard that may affect its revenue recognition related to such arrangements. Many of the Company's collaboration arrangements include licensing of intellectual property for rights to certain of its technologies or drug candidates. Additionally, many of these arrangements include upfront payments and potential future payments from partners for future development, regulatory and sales milestones and royalties on sales of approved products. The new standard makes changes to both revenue recognition for licensing of intellectual property and potential milestone revenue for future payments.

We believe that these provisions will have the following impact on contract revenues from our collaboration and license agreements:

- 1) changes in the period of revenue recognition for licensing of intellectual property that are functional and distinct performance obligations. While revenue from these contracts was recognized over the term of access to the license or technology under the revenue recognition guidance in place at the contract's inception, revenue recognition under the new guidance may result in revenue related to such agreements recognized at a point in time. This could change the period of time that we recognize revenue related to the licensing of our intellectual property.
- 2) milestone payments that are directly linked to events under the Company's control will result in variable consideration when determining the contract price under the new guidance and may be recognized earlier when it is probable that the milestone will be achieved without a significant future reversal of cumulative revenue expected. Under current accounting guidance the Company has applied the milestone method of accounting for recognizing such revenue or contingent payments. The new standard may change the period in which such revenue from these arrangements is recognized.

The Company is still in the process of completing its review and has not concluded on the impact on the revenue recognized in periods prior to the required adoption date, January 1, 2018. The Company expects to adopt the full retrospective method of implementation which will require the Company to restate its revenue and earnings for the 2016 and 2017 periods. Management will adopt the new standard effective January 1, 2018 and will continue to monitor additional changes, clarifications or interpretations being undertaken by the FASB which may impact management's implementation approach.

In June 2016, the FASB issued ASU No. 2016-13, *Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*, which amends the guidance on reporting credit losses for assets

held at amortized cost basis and available for sale debt securities. Credit losses relating to available-for-sale debt securities will be recorded through an allowance for credit losses rather than as a direct write-down to the security. Credit losses on available-for-sale securities will be required when the fair market value is below the amortized cost. The amendment is effective for fiscal years beginning after December 15, 2019 including interim periods within those fiscal years. The Company will apply the standard's provision as a cumulative effect adjustment to retained earnings as of the beginning of the first effective reporting period. The Company does not expect the adoption to have a material impact on our results of operations or financial position.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments*, which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice. The standard clarifies when cash receipts and cash payments have aspects of more than one class of cash flows and cannot be separated. Classification will depend on the predominant source or use. The amendment is effective for fiscal years beginning after December 15, 2017 with early adoption permitted. We continue to review the requirements of this standard and any potential impact it may have on our cash flow statement.

In March 2017, the FASB issued ASU No. 2017-08, *Receivables – Nonrefundable Fees and Other Costs (Subtopic 310-20): Premium Amortization on Purchased Callable Debt Securities*, which amends the guidance on the amortization period of premiums on certain purchased callable debt securities by shortening the amortization period of premiums to the earliest call date. The amendment affects all entities that hold investments in callable debt securities that have an amortized cost basis in excess of the amount that is repayable by the issuer at the earliest call date. The amendment is effective for fiscal years beginning after December 31, 2018 with early adoption permitted. The Company will review the requirements of the standard but does not anticipate it will have a significant impact on our financial statements.

In May 2017, the FASB issued ASU No. 2017-09, *Compensation – Stock Compensation (Topic 718): Scope of Modification Accounting*. The standard applies when a company changes the terms of a stock compensation award previously granted to an employee where modification accounting applies. According to the standard, modification accounting is not required if (1) the fair value of the modified award (or the award's calculated value or intrinsic value as appropriate) is the same as the value immediately prior to its modification, (2) the vesting conditions of the modified award are the same as the vesting conditions of the award immediately prior to its modification; and (3) the award's classification as an equity or liability is the same after the modification as it was immediately prior to its modification. The new standard is effective for annual periods beginning after December 15, 2017 including interim periods within those years. The Company will review the requirements of the standard but does not anticipate it will have a significant impact on our financial statements.

There have been no other material changes to the significant accounting policies previously disclosed in the Company's 2016 Annual Report on Form 10-K.

## **2. Fair Value of Financial Instruments**

Financial instruments included in the financial statements include cash equivalents, marketable securities, accounts receivable, accounts payable and accrued expenses. Marketable securities and cash equivalents are carried at fair value. The fair value of the other financial instruments closely approximates their fair value due to their short term maturities.

The Company accounts for recurring and non-recurring fair value measurements in accordance with FASB Accounting Standards Codification (ASC) 820, *Fair Value Measurements and Disclosures*. ASC 820 defines fair value, establishes a fair value hierarchy for assets and liabilities measured at fair value, and requires expanded disclosure about fair value measurements. The ASC 820 hierarchy ranks the quality of reliable inputs, or assumptions, used in the determination of fair value and requires assets and liabilities carried at fair value to be classified and disclosed in one of the following three categories:

*Level 1*—Fair Value is determined by using unadjusted quoted prices that are available in active markets for identical assets or liabilities.

*Level 2*—Fair Value is determined by using inputs other than Level 1 quoted prices that are directly or indirectly observable. Inputs can include quoted prices for similar assets or liabilities in active markets or quoted prices for identical assets or liabilities in markets that are not active. Related inputs can also include those used in valuation or other pricing models, such as interest rates and yield curves that can be corroborated by observable market data.

*Level 3*—Fair value is determined by inputs that are unobservable and not corroborated by market data. Use of these inputs involves significant and subjective judgments to be made by the reporting entity –e.g. determining an appropriate discount factor for illiquidity associated with a given security.

The Company measures the fair value of financial assets using the highest level of inputs that are reasonably available as of the measurement date. The assets recorded at fair value are classified within the hierarchy as follows for the periods reported (in thousands):

	September 30, 2017			December 31, 2016		
	Total Fair Value	Level 1	Level 2	Total Fair Value	Level 1	Level 2
Money Market Funds	\$ 9,330	\$ 9,330	\$ —	\$ 12,137	\$ 12,137	\$ —
Corporate Securities	148,095	—	148,095	181,483	—	181,483
Government Securities	211,275	—	211,275	207,465	—	207,465
	<u>\$ 368,700</u>	<u>\$ 9,330</u>	<u>\$ 359,370</u>	<u>\$ 401,085</u>	<u>\$ 12,137</u>	<u>\$ 388,948</u>

Our policy is to record transfers of assets between Level 1 and Level 2 at their fair values as of the end of each reporting period, consistent with the date of the determination of fair value. During the three and nine months ended September 30, 2017 and 2016, there were no transfers between Level 1 and Level 2. The Company does not have any Level 3 assets or liabilities.

### 3. Net Income (Loss) Per Share

We compute net income (loss) per common share by dividing the net income (loss) attributable to common stockholders by the weighted-average number of common shares outstanding during the period without consideration of common stock equivalents. Diluted net income (loss) per share is computed by dividing the net income (loss) attributable to common stockholders by the weighted-average number of common stock equivalents outstanding for the period. The treasury stock method is used to determine the dilutive effect of the Company’s stock option grants. Potentially dilutive securities consisting of stock issuable under options and our 2013 Employee Stock Purchase Plan (ESPP) are not included in the diluted net loss per common share calculation where the inclusion of such shares would have had an antidilutive effect.

Basic and diluted net income (loss) per common share is computed as follows (in thousands except share and per share data):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2017	2016	2017	2016
(in thousands, except share and per share data)				
<b>Numerator:</b>				
Net income (loss) attributable to common stockholders	\$ (15,562)	\$ (8,077)	\$ (37,082)	\$ 32,690
<b>Denominator:</b>				
Weighted-average common shares outstanding, basic	46,929,498	41,033,973	46,766,562	40,814,587
Dilutive effect of stock options	—	—	—	1,046,774
Weighted average common shares outstanding, diluted	<u>46,929,498</u>	<u>41,033,973</u>	<u>46,766,562</u>	<u>41,861,361</u>
Net income (loss) per share, basic	<u>\$ (0.33)</u>	<u>\$ (0.20)</u>	<u>\$ (0.79)</u>	<u>\$ 0.80</u>
Net income (loss) per share, diluted	<u>\$ (0.33)</u>	<u>\$ (0.20)</u>	<u>\$ (0.79)</u>	<u>\$ 0.78</u>

For the three and nine months ended September 30, 2017 all outstanding potentially dilutive securities have been excluded from the calculation of diluted net loss per common share as the effect of including such securities would have been antidilutive. For the three months ended September 30, 2016 all outstanding potentially dilutive securities have been excluded from the calculation of diluted net loss per common share as the effect of including such securities would have been antidilutive. For the nine months ended September 30, 2016, there were no shares from the Company's employee stock purchase plan that had a dilutive effect on shares outstanding.

#### 4. Comprehensive Income (Loss)

Comprehensive income (loss) is comprised of net income (loss) and other comprehensive income (loss). For the three and nine months ended September 30, 2017 and 2016, the only component of other comprehensive income (loss) is net unrealized gains (loss) on marketable securities. There were no material reclassifications out of accumulated other comprehensive income (loss) during the three and nine months ended September 30, 2017 and 2016.

**5. Marketable Securities**

The Company's marketable securities held as of September 30, 2017 and December 31, 2016 are summarized below:

<u>September 30, 2017</u>	<u>Amortized Cost</u>	<u>Gross Unrealized Gains</u>	<u>Gross Unrealized Losses</u>	<u>Fair Value</u>
(in thousands)				
Money Market Funds	\$ 9,330	\$ —	\$ —	\$ 9,330
Corporate Securities	148,514	1	(420)	148,095
Government Securities	211,943	—	(668)	211,275
	<u>\$ 369,787</u>	<u>\$ 1</u>	<u>\$ (1,088)</u>	<u>\$ 368,700</u>

Reported as

Cash and cash equivalents	\$ 9,330
Marketable securities	359,370
<b>Total investments</b>	<b><u>\$ 368,700</u></b>

<u>December 31, 2016</u>	<u>Amortized Cost</u>	<u>Gross Unrealized Gains</u>	<u>Gross Unrealized Losses</u>	<u>Fair Value</u>
(in thousands)				
Money Market Funds	\$ 12,137	\$ —	\$ —	\$ 12,137
Corporate Securities	182,394	6	(917)	181,483
Government Securities	207,986	44	(565)	207,465
	<u>\$ 402,517</u>	<u>\$ 50</u>	<u>\$ (1,482)</u>	<u>\$ 401,085</u>

Reported as

Cash and cash equivalents	\$ 12,137
Marketable securities	388,948
<b>Total investments</b>	<b><u>\$ 401,085</u></b>

The maturities of the Company's marketable securities are as follows:

<u>September 30, 2017</u> (in thousands)	<u>Amortized Cost</u>	<u>Estimated Fair Value</u>
Mature in one year or less	\$ 196,599	\$ 196,318
Mature after one year	163,859	163,052
	<u>\$ 360,458</u>	<u>\$ 359,370</u>

<u>December 31, 2016</u> (in thousands)	<u>Amortized Cost</u>	<u>Estimated Fair Value</u>
Mature in one year or less	\$ 115,748	\$ 115,608
Mature after one year	274,632	273,340
	<u>\$ 390,380</u>	<u>\$ 388,948</u>

The unrealized losses on available-for-sale investments and their related fair values as of September 30, 2017 and December 31, 2016 are as follows:

<u>September 30, 2017</u> (in thousands)	<u>Less than 12 months</u>		<u>12 months or greater</u>	
	<u>Fair value</u>	<u>Unrealized losses</u>	<u>Fair value</u>	<u>Unrealized losses</u>
Corporate Securities	\$ 101,803	\$ (118)	\$ 46,292	\$ (301)
Government Securities	94,515	(163)	116,760	(506)
	<u>\$ 196,318</u>	<u>\$ (281)</u>	<u>\$ 163,052</u>	<u>\$ (807)</u>

<u>December 31, 2016</u> (in thousands)	<u>Less than 12 months</u>		<u>12 months or greater</u>	
	<u>Fair value</u>	<u>Unrealized losses</u>	<u>Fair value</u>	<u>Unrealized losses</u>
Corporate Securities	\$ 82,215	\$ (133)	\$ 88,990	\$ (784)
Government Securities	17,573	(16)	149,694	(549)
	<u>\$ 99,787</u>	<u>\$ (149)</u>	<u>\$ 238,684</u>	<u>\$ (1,333)</u>

The unrealized losses from the listed securities are due to a change in the interest rate environment and not a change in the credit quality of the securities.

## 6. Stock Based Compensation

Our Board of Directors and the requisite stockholders previously approved the 2010 Equity Incentive Plan (the 2010 Plan). In October 2013, our Board of Directors approved the 2013 Equity Incentive Plan (the 2013 Plan) and in November 2013 our stockholders approved the 2013 Plan. The 2013 Plan became effective as of December 3, 2013, the date of the Company's initial public offering (IPO). As of December 2, 2013, we suspended the 2010 Plan and no additional awards may be granted under the 2010 Plan. Any shares of common stock covered by awards granted under

the 2010 Plan that terminate after December 2, 2013 by expiration, forfeiture, cancellation or other means without the issuance of such shares will be added to the 2013 Plan reserve.

As of September 30, 2017, the total number of shares of common stock available for issuance under the 2013 Plan is 8,537,187, which includes 2,684,456 of common stock that were available for issuance under the 2010 Plan as of the effective date of the 2013 Plan. Unless otherwise determined by the Board, beginning January 1, 2014, and continuing until the expiration of the 2013 Plan, the total number of shares of common stock available for issuance under the 2013 Plan will automatically increase annually on January 1 of each year by 4% of the total number of issued and outstanding shares of common stock as of December 31 of the immediate preceding year. Pursuant to approval by our board on January 1, 2017, the total number of shares of common stock available for issuance under the 2013 Plan was increased by 1,862,719 shares. As of September 30, 2017, a total of 4,872,350 options had been issued under the 2013 Plan.

In November 2013, our Board of Directors and stockholders approved the 2013 Employee Stock Purchase Plan (ESPP), which became effective as of December 5, 2013. We have reserved a total of 581,286 shares of common stock for issuance under the ESPP. Unless otherwise determined by our Board, beginning on January 1, 2014, and continuing until the expiration of the ESPP, the total number of shares of common stock available for issuance under the ESPP will automatically increase annually on January 1 by the lesser of (i) 1% of the total number of issued and outstanding shares of common stock as of December 31 of the immediately preceding year, or (ii) 621,814 shares of common stock. Pursuant to approval by our board, there was no increase in the number of authorized shares in the ESPP in 2017. As of September 30, 2017, we have issued a total of 255,992 shares of common stock under the ESPP.

Total employee, director and non-employee stock-based compensation expense recognized for the three and nine months ended September 30, 2017 and 2016 are as follows (in thousands):

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2017	2016	2017	2016
General and administrative	\$ 1,422	\$ 874	\$ 4,305	\$ 2,699
Research and development	2,183	992	5,906	3,159
	<u>\$ 3,605</u>	<u>\$ 1,866</u>	<u>\$ 10,211</u>	<u>\$ 5,858</u>

The following table summarizes option activity under our stock plans and related information:

	Number of	Weighted	Weighted	Aggregate
	Shares subject	Average	Average	Intrinsic
	to outstanding	Exercise	Remaining	Value
	options	Price	Contractual	(in thousands)
		(Per	Term	
		Share)	(in years)	
Balances at December 31, 2016	4,045,801	\$ 11.95	7.82	
Options granted	1,438,100	\$ 22.62		
Options forfeited	(86,856)	\$ 16.36		
Options exercised	(352,881)	\$ 7.56		
Balance at September 30, 2017	<u>5,044,164</u>	<u>\$ 15.23</u>	<u>7.84</u>	<u>\$ 39,529</u>
Exercisable	2,346,147	\$ 10.61	6.72	\$ 28,912

We calculate the intrinsic value as the difference between the exercise price of the options and the closing price of common stock of \$22.92 per share as of September 30, 2017.

Weighted average fair value of options granted during the nine-month period ended September 30, 2017 and 2016 was \$16.91 and \$9.26 per share, respectively. There were 1,275,000 options granted during the nine-month period ended September 30, 2016. We estimated the fair value of each stock option using the Black-Scholes option-pricing

model based on the date of grant of such stock option with the following weighted average assumptions for the three and nine months ended September 30, 2017 and 2016:

	Options		Options	
	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2017	2016	2017	2016
Expected term (years)	6.1	6.1	6.1	6.1
Expected volatility	96.7 %	79.3 %	89.8 %	76.2 %
Risk-free interest rate	1.95 %	1.23 %	2.03 %	1.50 %
Expected dividend yield	— %	— %	— %	— %

	ESPP		ESPP	
	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2017	2016	2017	2016
Expected term (years)	0.5 - 2.0	0.5 - 2.0	0.5 - 2.0	0.5 - 2.0
Expected volatility	67.8 - 79.8 %	67.8 - 79.6 %	67.8 - 79.8 %	67.8 - 79.6 %
Risk-free interest rate	.47% - 1.09 %	.47% - .93 %	.47% - 1.09 %	.47% - .93 %
Expected dividend yield	— %	— %	— %	— %

As of September 30, 2017, the unamortized compensation expense related to unvested stock options was \$33.3 million. The remaining unamortized compensation expense will be recognized over the next three years. As of September 30, 2017, the unamortized compensation expense under our ESPP was \$102,176. The remaining unamortized expense will be recognized over the next 2.5 months.

## 7. Commitments and Contingencies

### Operating Leases

The Company leases office and laboratory space in Monrovia, CA through June 2020. In July 2017, the Company entered into an amended lease agreement for additional space in the same building. The amended lease provides for additional space with a 64-month term with an option to renew for an additional five years. The lease terms for the original space were not amended.

The Company also leases office space in San Diego, CA through June 2020. In June 2017, the Company entered into a new lease agreement for additional office space in San Diego. The new lease has a 61-month term beginning from the date of occupancy and includes an option to renew for an additional five years.

All leases are accounted for as non-cancellable operating leases and future minimum payments are as follows (in thousands):

### **Years ending December 31,**

For the remainder of the fiscal year	\$	304
2018		2,546
2019		2,726
2020		2,388
2021		1,980
Thereafter		1,406

Rent expense for the nine months ended September 30, 2017 and 2016 was \$1.1 million and \$468,000 respectively.



### **Contingencies**

From time to time, the Company may be subject to various litigation and related matters arising in the ordinary course of business. The Company does not believe it is currently subject to any material matters where there is at least a reasonable possibility that a material loss may be incurred.

On March 3, 2015, a verified class action complaint, captioned DePinto v. John S. Stafford, et al., C.A. No. 10742, was filed in the Court of Chancery of the State of Delaware against certain of the Company's current and former directors alleging cause of action for Breach of Fiduciary Duty and Invalidity of Director and Stockholder Consents. In general, the complaint alleged that the plaintiff and the class he seeks to represent were shareholders of the Company during the recapitalization and certain related transactions that the Company underwent in 2013 and that the defendants breached their fiduciary duties in the course of approving that series of transactions. It also challenged as invalid certain corporate acts taken during the 2013 time period.

The plaintiffs and the Company agreed to separate the litigation into two separate claims; Count I relating to the claim of Breach of Fiduciary Duty by the current and former directors of the Company and, Count II relating to the Invalidity of Director and Stockholder consents.

On December 14, 2015, the Delaware Chancery Court entered an Order and Partial Final Judgment in connection with Count II and approved the settlement of the invalidity claims, validating each corporate act challenged in the complaint, dismissing with prejudice Count II of the complaint (the invalidity claims) and granting plaintiff's counsel a fee award of \$950,000. We have paid the plaintiff's legal award of \$950,000 net of insurance proceeds of \$187,500 which has been reflected as a charge in our 2015 operations.

On September 27, 2016, the parties engaged in voluntary mediation and agreed to settle the complaint's remaining claim, Count II, for a total payment of \$2.375 million to the class certified by the Delaware Court of Chancery. The settlement was reached without any party admitting wrong-doing. Under the terms of the settlement, no payments shall be made to the plaintiffs by the Company or any of the defendants in the lawsuit other than payments covered by the Company's insurance.

On April 4, 2017, the Delaware Court of Chancery approved the Settlement between the parties. On May 1, 2017, the Company's insurance carriers fully funded the settlement account.

We recognized legal costs related to the litigation as incurred and offset any insurance proceeds when approved and issued. At December 31, 2016, we reported the \$2.355 million settlement as a payable and reflected a receivable of the same amount for the insurance coverage. This amount was paid by the insurance carrier on our behalf in May 2017.

We are obligated to make future payments to third parties under in-license agreements, including sublicense fees, royalties, and payments that become due and payable on the achievement of certain development and commercialization milestones. As the amount and timing of sublicense fees and the achievement and timing of these milestones are not probable and estimable, such commitments have not been included on our balance sheet.

### **8. Collaboration and Licensing Agreements**

Following is a summary description of the arrangements that generated revenue in the nine months ended September 30, 2017 and 2016.

#### ***Novartis***

In June 2016, the Company entered into a Collaboration and License Agreement (the Novartis Agreement) with Novartis Institutes for BioMedical Research, Inc. (Novartis), to develop and commercialize bispecific and other Fc

modulated antibody drug candidates using the Company's proprietary XmAb® technologies and drug candidates. Pursuant to the Novartis Agreement:

- The Company granted Novartis certain exclusive rights to research, develop and commercialize XmAb14045 and XmAb13676, two development stage products that incorporate the Company's bispecific Fc technology,
- The Company will apply its bispecific technology in up to four target pair antibodies identified by Novartis (each a Global Discovery Program) and,
- The Company will provide Novartis with a non-exclusive license to certain of its Fc technologies to apply against up to ten targets identified by Novartis.

The Company received a non-refundable upfront payment under the Novartis Agreement of \$150 million in July 2016 and is eligible to receive up to \$2.4 billion in future development, regulatory and sales milestones in total for all programs that could be developed under the Novartis Agreement.

The Company evaluated the Novartis Agreement and determined that it is a revenue arrangement with multiple deliverables or performance obligations. The Company's substantive performance obligations under the Novartis Agreement include:

- delivery of an exclusive license to commercialize XmAb14045 in worldwide territories outside the U.S., with worldwide co-exclusive rights with Xencor to research, develop and manufacture XmAb14045,
- delivery of an exclusive license to commercialize XmAb13676 in worldwide territories outside the U.S., with worldwide co-exclusive rights with Xencor to research, develop and manufacture XmAb13676,
- application of its bispecific technology to four Novartis selected target pair antibodies and delivery of four bispecific product candidates and,
- delivery of a non-exclusive license to its Fc technologies: Cytotoxic, Xtend and Immune Inhibitor.

The Company determined that the \$150 million upfront payment represents the total initial consideration and was allocated to each of the deliverables using the relative selling price method. The Company determined that each of the development and regulatory milestones is substantive. Although sales milestones are not considered substantive, they are still recognized upon achievement of a milestone. After identifying each of the deliverables included in the arrangement, the Company determined the relative selling price using its best estimate of selling price for each of the deliverables.

The total allocable consideration of \$150 million was allocated to the deliverables based on the relative selling price method as follows:

- \* \$27.1 million to certain rights to the XmAb14045 Program,
- \* \$31.4 million to certain rights to the XmAb13676 Program,
- \* \$20.05 million to each of the four Global Discovery Programs and,
- \* \$11.3 million to the Fc licenses

The Company recognized as license revenue the amount of the total allocable consideration allocated to the rights to the XmAb13676 and XmAb14045 Programs upon delivery of the exclusive license to Novartis both of which were transferred as of the effective date of the Novartis Agreement. At the time that each Global Discovery Program is accepted by Novartis, the Company will recognize collaboration revenue of \$20.05 million for each program. Since Novartis has substitution rights for up to four target pair antibodies, revenue recognition may be delayed until the earlier that Novartis has an open investigational new drug application (IND) for a delivered bispecific Discovery Program or the right to substitute the target pair lapses. No bispecific antibodies for Global Discovery Programs have been delivered as of September 30, 2017.

The Company will recognize as licensing revenue the amount of the total consideration allocated to the Fc license over the five-year research term beginning from the effective date of the Novartis Agreement.

During the three and nine months ended September 30, 2017, we recognized \$0.6 million and \$1.7 million of revenue, respectively. As of September 30, 2017, there is \$88.6 million in deferred revenue related to the arrangement.

***Amgen, Inc.***

In September 2015, the Company entered into a research and license agreement (the Amgen Agreement) with Amgen, Inc. (Amgen) to develop and commercialize bispecific antibody product candidates using the Company's proprietary XmAb® bispecific Fc technology. Under the Amgen Agreement, the Company granted an exclusive license to Amgen to develop and commercialize bispecific drug candidates from the Company's preclinical program that bind the CD38 antigen and the cytotoxic T-cell binding domain CD3 (the CD38 Program). The Company also agreed to apply its bispecific technology to five previously identified Amgen provided targets (each a Discovery Program). The Company received a \$45.0 million upfront payment from Amgen and is eligible to receive up to \$1.7 billion in future development, regulatory and sales milestones in total for all six programs and is eligible to receive royalties on any global net sales of products.

In the fourth quarter ended December 31, 2015, the Company transferred the research material and data related to its CD38 Program to Amgen. Amgen will assume full responsibility for the further development and commercialization of product candidates under the CD38 Program. Assuming successful development and commercialization of a product, the Company could receive up to \$355 million in milestones payments which include \$55 million in development milestones, \$70 million in regulatory milestones and, \$230 million in sales milestones. If commercialized, the Company is eligible to receive from high single-digit up to low double-digit percentage royalties on global net sales of approved products under the CD38 Program.

Pursuant to the Amgen Agreement, for each of the five Discovery Programs the Company will apply its bispecific technology to antibody molecules provided by Amgen that bind Discovery Program Targets and return the bispecific product candidates to Amgen for further testing, development and commercialization. Subject to approval by Xencor, Amgen has the right to substitute up to three of the previously identified targets during the research term if Amgen has not initiated non-human primate studies with the Xencor provided bispecific candidate. Amgen's right to substitute an identified target will expire two years from the effective date of the Agreement, provided that the Company delivers all five original Discovery Programs to Amgen within twelve months of the effective date. The initial research term is three years from the date of the Amgen Agreement but Amgen, at its option, may request an extension of one year if Xencor has not completed delivery of all five Discovery Program bispecific candidates to Amgen.

Amgen will assume full responsibility for development and commercialization of product candidates under each of the Discovery Programs. Assuming successful development and commercialization of each Discovery Program compound, the Company could receive up to \$260.5 million in milestones for each compound which include \$35.5 million in development milestones, \$55.0 million in regulatory milestones and \$170.0 million in sales milestones. If commercialized, the Company is eligible to receive mid to high single-digit percentage royalties on global net sales of approved products.

The Company evaluated the Amgen Agreement and determined that it is a revenue arrangement with multiple deliverables or performance obligations. The Company's substantive performance obligations under the Amgen Agreement include delivery of research material and data related to its CD38 Program and application of its bispecific technology to five Amgen provided targets and delivery of the five bispecific product candidates. The Company evaluated the Amgen Agreement and determined that the CD38 Program and each of the five Discovery Programs represent separate units of accounting.

The \$45 million upfront payment represents the total initial consideration and was allocated to each of the deliverables using the relative selling price method. After identifying each of the deliverables included in the arrangement, the Company determined its best estimate of selling price for each of the deliverables.

The total allocable consideration of \$45 million was allocated to the deliverables based on the relative selling price method as follows:

- \$13.75 million to the CD38 Program and

- \$6.25 million to each of the five Discovery Programs

The Company recognized as collaboration revenue the amount of consideration allocated to the CD38 Programs upon delivery of the CD38 research material and data to Amgen in the fourth quarter of 2015.

During 2016, the Company recognized as collaboration revenue the amount of consideration for delivery of three Discovery Programs. The Company completed delivery of bispecific antibody candidates for all five Discovery Programs by the September 15, 2016 one-year anniversary date of the Amgen Agreement. Amgen elected to substitute one of the originally identified antibody candidates in the first quarter of 2016.

There were no additional Discovery Programs delivered in the three and nine months ended September 30, 2017. Amgen elected to substitute one of the originally identified candidate during the three months ended September 30, 2017. Through September 30, 2017, Amgen had exercised its option to substitute two of the originally identified candidates and its option to substitute a third candidate lapsed effective September 15, 2017.

During each of the three and nine months ended September 30, 2017, we recognized \$6.25 million of revenues. During the three and nine months ended September 30, 2016, we recognized \$6.3 million and \$18.8 million in revenue under this arrangement, respectively. As of September 30, 2017, there is \$6.25 million in deferred revenue related to the arrangement.

### ***MorphoSys Ag***

In June 2010, we entered into a collaboration and license agreement with MorphoSys AG (MorphoSys), which we subsequently amended in March 2012. The agreement provided us an upfront payment of \$13.0 million in exchange for an exclusive worldwide license to our patents and know-how to research, develop and commercialize our XmAb5574 product candidate (subsequently renamed MOR208) with the right to sublicense under certain conditions. Under the agreement, we agreed to collaborate with MorphoSys to develop and commercialize XmAb5574/MOR208. We determined that the arrangement was one with multiple deliverables and we identified the multiple elements in the agreement as the license of XmAb5574/MOR208 and the research and development services provided by us for the initial Phase 1 clinical trial. If certain developmental, regulatory and sales milestones are achieved, we are eligible to receive future milestone payments and royalties. We determined that the future milestone payments were substantive and contingent and we did not allocate any of the upfront consideration to these milestones. We completed all our responsibility with respect to the collaboration services under the arrangement in 2012 and MorphoSys is responsible for all further development of XmAb5574/MOR208.

In June 2017, MorphoSys initiated a Phase III clinical trial under the arrangement and we received a milestone payment of \$12.5 million. We have recognized the payment as revenue in the period that the milestone event occurred.

During the three and nine months ended September 30, 2017 we recognized \$0 and \$12.5 million in revenue, respectively, under this arrangement. No revenue was recognized during the three and nine months ended September 30, 2016. As of September 30, 2017, there is no deferred revenue related to this agreement.

### ***Merck Sharp & Dohme Corporation***

In July 2013, we entered into a license agreement with Merck Sharp & Dohme Corp (Merck). Under the terms of the agreement, we provided Merck with a non-exclusive commercial license to certain patent rights to our Fc domains to apply to one of their compounds. The agreement provided for an upfront payment of \$1.0 million and annual maintenance fees totaling \$0.5 million. We are also eligible to receive future milestones and royalties as Merck advances the compound into clinical development.

We determined that the deliverables under this agreement were the non-exclusive commercial license and the options. The options are considered substantive and contingent and no amount of the upfront payment was allocated to these options. We also determined that the future milestones and related payments were substantive and contingent and did not allocate any of the upfront payment to the milestones.

During each of the three and nine months ended September 30, 2017 we recognized \$25,000 and \$75,000 of revenue, respectively. During the three and nine months ended September 30, 2016 we recognized \$25,000 and \$75,000 of revenue, respectively. As of September 30, 2017, there is \$75,000 of deferred revenue related to this arrangement.

***Alexion Pharmaceuticals, Inc.***

In January 2013, we entered into an option and license agreement with Alexion Pharmaceuticals, Inc. (Alexion). Under the terms of the agreement, we granted to Alexion an exclusive research license, with limited sublicensing rights, to make and use our Xtend technology to evaluate and advance compounds against six different target programs during a five-year research term under the agreement, up to completion of the first multi-dose human clinical trial for each target compound. Alexion may extend the research term for an additional three years upon written notice to us and payment of an extension fee of \$2.0 million. Alexion is responsible for conducting all research and development activities under the agreement at its own expense.

Under the agreement, we received an upfront payment of \$3.0 million. Alexion is also required to pay an annual maintenance fee of \$0.5 million during the research term of the agreement and \$1.0 million during any extension of the research term. We determined that \$2.5 million of the upfront fee was allocated to the license and is being recognized into income over the initial research term of five years.

In the third quarter of 2014, Alexion achieved a clinical development milestone with an undisclosed molecule to be used against an undisclosed target. In the fourth quarter of 2015, Alexion exercised its option to take an exclusive commercial license and achieved a further clinical development milestone.

In December 2016, Alexion achieved a Phase 3 clinical development milestone for an undisclosed target for which we received a \$5.0 million milestone payment.

During the three and nine months ended September 30, 2017 we recognized \$250,000 and \$750,000 in revenues, respectively. During the three and nine months ended September 30, 2016 we recognized \$250,000 and \$750,000 of revenue respectively. As of September 30, 2017, we have deferred revenue related to this arrangement of \$0.3 million.

***Novo Nordisk A/S***

In December 2014, we entered into a collaboration and license agreement with Novo Nordisk A/S (Novo). Under the terms of the agreement we granted Novo a research license to use certain Xencor technologies including our bispecific, Fcy-IIb, Xtend and other technologies during a two-year research term. Pursuant to the agreement we received a \$2.5 million upfront payment and funding for research support during the research term.

We recognized the \$2.5 million upfront payment as income over the two-year research term. The research funding was being recognized into income over the period that the services were being provided. We determined that future milestone payments were substantive and contingent and we did not allocate any of the upfront consideration to these milestones.

During the three and nine months ended September 30, 2017 no revenue was recognized. During the three and nine months ended September 30, 2016, we recognized \$0.7 million and \$2.1 million of revenue, respectively. As of September 30, 2017, we have no deferred revenue related to this arrangement.

***CSL Limited***

In February 2009, we entered into a research license and commercialization agreement with CSL Limited (CSL). Under the agreement, we provided CSL with a research license to our Fc Cytotoxic technology and options to non-exclusive commercial licenses. CSL elected to exercise one commercial license for a compound, CSL362.

In 2013 CSL sublicensed CSL362 (now called talacotuzumab) to Janssen Biotech Inc. (Janssen Biotech). In March 2017, CSL, through its sub-licensee, Janssen Biotech, initiated a Phase 3 clinical trial for CSL362. In connection with the Phase 3 clinical trial initiation, we received a milestone payment of \$3.5 million.

During the three and nine months ended September 30, 2017 we recognized \$0 and \$3.5 million of revenue, respectively. We did not recognize any revenues in each of the three and nine months ended September 30, 2016. As of September 30, 2017, we have no deferred revenue related to this arrangement.

**9. Income taxes**

The provision for income taxes for the three- and nine-month periods ended September 30, 2017 and 2016 represents the interim period tax allocation of the federal and state alternative minimum tax based on the Company's projected year-end effective income tax rates which cannot be offset by the Company's net operating loss carryforwards. The Company has deferred tax assets consisting primarily of net operating loss and tax credit carryforwards that have been fully offset by a valuation allowance.

## **ITEM 2. Management’s Discussion and Analysis of Financial Condition and Results of Operations.**

*The following discussion and analysis should be read in conjunction with our financial statements and accompanying notes included in this Quarterly Report on Form 10-Q and the financial statements and accompanying notes thereto for the fiscal year ended December 31, 2016 and the related Management’s Discussion and Analysis of Financial Condition and Results of Operations, both of which are contained in our Annual Report on Form 10-K for the year ended December 31, 2016. This Quarterly Report on Form 10-Q may contain “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, (the Securities Act), and Section 21E of the Securities Exchange Act of 1934, as amended, (the Exchange Act). Such forward-looking statements, which represent our intent, belief, or current expectations, involve risks and uncertainties. We use words such as “may,” “will,” “expect,” “anticipate,” “estimate,” “intend,” “plan,” “predict,” “potential,” “believe,” “should” and similar expressions to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Such statements may include, but are not limited to, statements concerning: (i) the initiation, cost, timing, progress and results of our research and development activities, preclinical studies and future clinical trials, including our expected timeline for nominating clinical development candidates under our strategic alliances and our expected timeline for filing applications with regulatory authorities;(ii) our ability to obtain and maintain regulatory approval of our future product candidates, and any related restrictions, limitations, and/or warnings in the label of an approved product candidate; (iii) our ability to obtain funding for our operations; (iv) our plans to research, develop and commercialize our future product candidates; (v) our ability to attract collaborators with development, regulatory and commercialization expertise; (vi) our ability to obtain and maintain intellectual property protection for our technology; (vii) the size and growth potential of the markets for our technology and future product candidates, and our ability to serve those markets; (viii) our ability to successfully commercialize our technology and our future product candidates; (ix) our ability to develop sales and marketing capabilities, whether alone or with potential future collaborators; (x) regulatory developments in the United States and foreign countries; and (xi) the performance of our collaboration partners, licensees, third-party suppliers and manufacturers. Although we believe the expectations reflected in these forward-looking statements are reasonable, such statements are inherently subject to risk and we can give no assurances that our expectations will prove to be correct. You should not place undue reliance on these forward-looking statements, which apply only as of the date of this Quarterly Report on Form 10-Q. As a result of many factors, including without limitation those set forth under “Risk Factors” under Item 1A of Part II below, and elsewhere in this Quarterly Report on Form 10-Q, our actual results may differ materially from those anticipated in these forward-looking statements. We undertake no obligation to update these forward-looking statements to reflect events or circumstances after the date of this report or to reflect actual outcomes.*

### **Company Overview**

We are a clinical-stage biopharmaceutical company focused on discovering and developing engineered monoclonal antibodies to treat severe and life-threatening diseases with unmet medical needs. We use our proprietary XmAb technology platform to create next-generation antibody product candidates designed to treat autoimmune and allergic diseases, cancer and other conditions. In contrast to conventional approaches to antibody design, which focus on the portion of antibodies that interact with target antigens, we focus on the portion of the antibody that interacts with multiple segments of the immune system. This portion, referred to as the Fc domain, is constant and interchangeable among antibodies. Our engineered Fc domains, the XmAb technology, can be readily substituted for natural Fc domains.

Our business strategy is based on the plug-and-play nature of the XmAb technology, allowing us to create new antibody drug candidates for our internal development or licensing, or to selectively license access to one or more of our XmAb technologies or product candidates to pharmaceutical or biotechnology companies to use in developing their own proprietary antibodies and drug candidates with improved properties. These licensing transactions provide us with multiple revenue streams that help fund development of our wholly owned product candidates and usually require limited resources or efforts from us. There are currently eleven antibody product candidates in clinical trials that have been engineered with XmAb technology, including seven candidates being advanced by licensees and development partners, two of which are in Phase 3 trials.

Our protein engineering capabilities allow us to continue to expand the functionality of the XmAb technology platform to identify new protein enhancements and create new antibody drug candidates with improved properties. Our bispecific technology, heterodimer Fc domains, enables the creation of bispecific drug candidates, which are antibodies that are engineered to bind two targets simultaneously. The core of our bispecific programs is a novel Fc domain that is a

robust and portable scaffold for two, or potentially more, different antigen binding domains. Our Fc domain technology is designed to maintain full-length antibody properties in a bispecific antibody, potentially enabling stable molecules with favorable *in vivo* half-life and allowing for the use of standard antibody production methods. The portability of the bispecific technology, including the ability of bispecific candidates generated from our technology to use standard production methods, allows us to license access to our technology as highlighted in our two bispecific licensing transactions that we entered into with Amgen and Novartis in 2015 and 2016, respectively.

We are also developing a pipeline of drug candidates around our bispecific technology. Within the past eighteen months, our two lead bispecific drug candidates entered into the Phase 1 stage of clinical development and we have an open IND for our third bispecific clinical candidate for which we expect to start clinical trials in early 2018 with additional candidates entering into clinical development in 2018 and 2019.

In June 2016, we entered into the Novartis Agreement which included a \$150 million upfront payment and up to \$2.4 billion in potential development, regulatory and sales milestones. As part of the Agreement, we will apply our bispecific technology to up to four target pair antibodies selected, available for exclusive license to Novartis and not subject to a Xencor internal program.

In September 2015, we entered into the Amgen Agreement which included a \$45 million upfront payment and up to \$1.7 billion in future development, regulatory and sales milestones if all programs under the agreement advance into development. In connection with the Amgen Agreement, we are applying our bispecific technology to up to five previously identified molecules identified by Amgen and approved by us.

Since we commenced active operations in 1998, we have devoted substantially all of our resources to staffing our company, business planning, raising capital, developing our technology platforms, identifying potential product candidates, undertaking pre-clinical and IND enabling studies and conducting clinical trials. We have no products approved for commercial sale and have not generated any revenues from product sales, and we continue to incur significant research and development expenses and other expenses related to our ongoing operations. To date, we have funded our operations primarily through the sale of stock and convertible promissory notes and through payments generated from our product development partnership and licensing arrangements.

As of September 30, 2017, we had an accumulated deficit of \$275 million. Substantially all of our operating losses that we have incurred resulted from expenses incurred in connection with our product candidate development programs, our research activities and general and administrative costs associated with our operations.

## **Company Programs**

We are developing a pipeline of candidates for clinical development based on our Immune Inhibitor Domain and Bispecific Domain technologies.

### **Immune Inhibitor Pipeline**

**XmAb5871** uses our XmAb Immune Inhibitor Fc Domain and targets B cells, an important component of the immune system. We believe that XmAb5871 has the potential to address a key unmet need in autoimmune therapies due to its combination of potent B-cell inhibition without B-cell depletion.

In March 2016, we initiated enrollment for two Phase 2 trials for XmAb5871, one trial in IgG4-Related Disease (IgG4-RD) and a trial in Systemic Lupus Erythematosus (SLE or Lupus). In July 2016, we initiated a Phase 1 trial with a subcutaneous formulation of XmAb5871.

In May 2017, we received Orphan Drug designation from the U.S. Food and Drug Administration for XmAb5871 for the treatment of IgG4-Related Disease.

*IgG4-RD*: In January 2017 we completed planned enrollment of 15 patients in a Phase 2 open-label pilot study of XmAb5871 for IgG4-RD with scheduled treatment up to 24 weeks. To increase clinical and biomarker data collection, an additional five patients were enrolled beginning in April 2017 and the trial closed enrollment by June 2017. The primary objective of the study is to evaluate the effect of every other week IV administration of XmAb5871



using the recently reported IgG4-RD Responder Index (IgG4-RD RI) in patients with active IgG4-RD. Secondary objectives are to determine the safety and tolerability profile and to characterize the pharmacokinetics (PK) and immunogenicity of every other week IV administration of XmAb5871.

We will present final data from the Phase 2 trial in November 2017 at the American College of Rheumatology Annual Meeting for the 15 patients that had been enrolled as of January 2017. The data indicated that XmAb5871 was well tolerated by patients receiving drug in the study. One patient had a serious adverse event (AE) of pneumonia and recurrent pneumonia due to lack of compliance, which were unrelated to study drug (the patient completed the study). All other XmAb5871-related AE's were graded as mild or moderate and no treatment related AE was reported in more than two patients. One patient discontinued the study as the result of an AE. This patient developed a Grade 2 (moderate) hypersensitivity reaction with rash and arthritis, commonly referred to as serum sickness, following the fifth infusion. The event quickly resolved without the need for medical management. This patient was subsequently found to have developed anti-drug antibodies.

Efficacy data from the trial was very encouraging. Twelve of the 15 patients completed all scheduled doses and follow up and three discontinued early. All 12 of the patients that completed therapy achieved the primary endpoint of at least a 2-point reduction in IgG4-RD Responder Index on day 169. Fourteen of the 15 patients (93%) dosed with XmAb5871 had a response to XmAb5871 therapy of greater than or equal to a two-point reduction in the IgG4-RD Responder Index (protocol defined response), at some point in the study, 12 of them within two weeks of the first dose. At two weeks following the last dose, eight patients had an IgG4-RD Responder Index of zero and were on no corticosteroid therapy between months 2-6 (protocol defined remission). In addition, the remaining four patients achieved an IgG4-RD Responder Index score of  $\leq 4$  at Day 169. All five of the patients that either entered the study on corticosteroids or that were administered corticosteroids at the beginning of the study were able to taper and discontinue corticosteroids within two months of the start of the study.

In addition to the patient with early study termination due to an AE, two other patients have discontinued treatment prior to receipt of all 12 planned infusions. One patient had a response to therapy (IgG4-RD RI reduction of six points), but lost response following the sixth infusion, and one patient had no response to therapy. Neither of these two patients have responded to subsequent rituximab treatment.

We believe that this promising data from the Phase 2 trial warrants further clinical development of XmAb5871 in treating IgG4-RD and we are planning such development.

Xencor met with the Division of Pulmonary, Allergy and Respiratory Products (DPARP) of the U.S. Food and Drug Administration (FDA) in a Type B End of Phase 2 meeting in July 2017 to discuss the optimal pathway to advance XmAb5871 into Phase 3 development in IgG4-RD. The meeting resulted in guidance on endpoint definition and a path forward for Phase 3 development in IgG4-RD, which the FDA recognizes as a new disease entity with no regulatory precedence for an approval pathway. Based on the Phase 2 results and these preliminary discussions with DPARP, a randomized, placebo-controlled, double-blinded Phase 3 trial of approximately 250-350 patients evaluating the addition of XmAb5871 to standard of care is planned to initiate in the second half of 2018. Xencor also intends to seek scientific advice from the European Medicines Agency in early 2018.

In October 2016, we also completed a Phase 1 bioequivalence trial for XmAb5871 using a subcutaneous formulation. XmAb5871 was safe and well-tolerated as a subcutaneous injection in this trial. Pharmacokinetics and bioavailability data from the trial support an every-other-week dosing schedule. Our plan is to conduct further clinical studies with XmAb5871 in a subcutaneous formulation.

*SLE:* We are also enrolling a Phase 2 randomized, double blinded, placebo-controlled study of XmAb5871 in SLE. This trial is designed to assess the effect of XmAb5871 on SLE disease activity in a shorter timeframe and using fewer patients compared to standard SLE trials; XmAb5871 is the first newly developed agent being assessed with this novel trial design. The trial design calls for treating patients with moderate to severe, non-organ threatening SLE with XmAb5871 (or placebo) after their lupus disease activity has improved with a short course of intra-muscular (IM) steroid therapy. Background, potentially confounding, immunosuppressant medications will be stopped. In this double-blinded placebo-controlled study, the ability of XmAb5871 to maintain the improvement in disease activity after IM steroid therapy and in the absence of immunosuppressant medication will be assessed. Historically, SLE trial designs generally add new medications to the many already taken by the patient, and hence display a

discernible treatment effect only when restricted to the sickest patients. The trial will enroll approximately 90 subjects, 1:1 randomized to XmAb5871 or placebo, for up to 24 weeks. We expect to provide initial data from this trial in late 2018.

**XmAb7195** uses our Immune Inhibitor Fc Domain and is being developed for the treatment of severe asthma and allergic diseases. XmAb 7195 is designed to reduce blood serum levels of IgE, which mediates allergic responses and allergic disease. In January 2015, we reported top-line interim data from Part 1 of the Phase 1a trial of XmAb7195, in which healthy volunteers received a single intravenous (IV) dose. In 2015, we continued the Phase 1a trial of XmAb7195, treating subjects with high baseline IgE levels, and in June 2015, we announced an expansion of the trial, adding cohorts of subjects that receive two IV doses of XmAb7195. We announced complete data from these studies in May 2016.

In September 2016, we initiated a multi-dose Phase 1b trial for XmAb7195 with a subcutaneous (SC) formulation. The first part of this study was an open-label bioequivalence trial evaluating four once-weekly doses of SC XmAb7195 ranging from 0.1 to 1.0 mg/kg in cohorts of six healthy volunteers. The second part of the trial, which we began in October 2016, was a randomized, double-blinded, placebo-controlled multiple-ascending dose study in atopic patients of SC XmAb7195 at doses of 1.5 and 2.0 mg/kg. Half-life of SC XmAb7195 ranged from 3.6 - 4.9 days, comparable to the previously reported half-life of 3.9 days of intravenously administered XmAb7195. Bioavailability after the fourth dose exceeded 50%, which is typical for monoclonal antibodies, and drug concentration levels increased with successive doses

Subcutaneous administration of XmAb7195 was well tolerated. No severe AEs or serious treatment-emergent AEs occurred during the study. The most frequently occurring treatment-emergent AEs were injection-site related, including erythema, pruritis and/or urticaria, and most were mild. No diffuse urticaria or other systemic hypersensitivity reactions were reported. No apparent effect of SC XmAb7195 on platelet count was seen when dosed at 0.1 - 1.0 mg/kg weekly for four weeks. At 1.5 - 2.0 mg/kg weekly for four weeks mild platelet count reductions were observed. Four of 15 patients in the 2.0 mg/kg group had at least one platelet count of less than  $150 \times 10^3/\mu\text{L}$  at some time point. The lowest count observed was  $126 \times 10^3/\mu\text{L}$ , and a recovery to within normal range occurred within a few days of the dose.

In 23 of 27 (85%) subjects with detectable baseline free IgE ( $\geq 9.59$  ng/mL); (median 76.2 ng/mL, range: 17.4-846 ng/mL), treated with 4 weekly SC XmAb7195 doses of 0.3 to 2.0 mg/kg, free IgE was suppressed to below the limit of quantitation (BLQ) at some time point during the treatment period. In 20 (74%) subjects, once suppression of free IgE to BLQ was observed, BLQ values were maintained for the remainder of the treatment period and for at least 7 days following the last dose. Similarly, in the subgroup of atopic subjects, 14 of 14 (100%) subjects with detectable baseline free IgE (median 150.0 ng/mL, range: 46.4-846 ng/mL) treated with 4 weekly SC XmAb7195 doses of 1.5 to 2.0 mg/kg, free IgE was suppressed to BLQ at some time point during the treatment period. In 12 (86%) atopic subjects, once suppression of free IgE to BLQ was observed, BLQ values were maintained for the remainder of the treatment period and for at least 7 days following the last dose.

In 28 of 31 (90%) subjects with detectable baseline total IgE ( $\geq 2.0$  IU/mL); (median 68.1 IU/mL, range: 7.13-736 IU/mL) treated with 4 weekly SC XmAb7195 doses of 0.3 to 2.0 mg/kg, total IgE was suppressed to below the limit of quantitation (BLQ) at some time point during the treatment period. In the other 3 subjects, total IgE levels were reduced to < 1% of baseline values. In 23 (74%) subjects, once suppression of total IgE to BLQ was observed, BLQ values were maintained for the remainder of the treatment period and for at least 7 days following the last dose. Similarly, in the subgroup of atopic subjects, 12 of 14 (86%) subjects with detectable baseline total IgE (median 153.5 IU/mL, range: 38.9-736.0 IU/mL) treated with 4 weekly SC XmAb7195 doses of 1.5 to 2.0 mg/kg, total IgE was suppressed to BLQ at some time point during the treatment period. In the other 2 atopic subjects, total IgE levels were reduced to < 1% of baseline values. In 8 (57%) subjects once suppression of free IgE to BLQ was observed, BLQ values were maintained for the remainder of the treatment period and for at least 7 days following the last dose. In 5 of the other 6 atopic subjects that had suppression of total IgE level to BLQ, subsequent total IgE levels through 7 days after the 4<sup>th</sup> dose were < 2% of baseline values.

These results support subcutaneous delivery for future development, and pharmacokinetic/pharmacodynamic modeling is proceeding to determine the optimal dosing schedule. Xencor is seeking a development partner for XmAb7195.

## **XmAb Bispecific Pipeline**

**XmAb14045** uses our XmAb bispecific Fc technology that allows us to create dual-antigen targeting molecules. In September 2016, we dosed the first patient in a Phase 1 clinical trial for XmAb14045, our first bispecific oncology candidate, for the treatment of acute myeloid leukemia (AML). XmAb14045 targets CD123, an antigen on AML cells and leukemic stem cells, and CD3, an activating receptor on T cells. The trial is a Phase 1, open-label, multiple-dose, dose escalation study to assess safety, tolerability and preliminary anti-tumor activity in AML.

**XmAb13676** is our second bispecific oncology candidate. In February 2017, we dosed the first patient in a Phase 1 clinical trial for XmAb13676. XmAb13676 is a tumor-targeted antibody that contains both a B-cell tumor antigen binding domain (CD20) and a cytotoxic T-cell binding domain (CD3). The trial is a Phase 1, open-label, multiple-dose, dose escalation study to assess safety, tolerability and preliminary anti-tumor activity in B-cell malignancies.

In connection with the Novartis Agreement we granted Novartis exclusive licenses to commercialize XmAb14045 and XmAb13676 in all worldwide territories outside the U.S., with worldwide co-exclusive rights with us to research, develop and manufacture XmAb14045 and XmAb13676. We continue to retain U.S. rights to both drug candidates and will co-develop worldwide both candidates with Novartis and share development costs equally.

**XmAb18087** is our third CD3 bispecific oncology candidate and it targets the Somatostatin Receptor 2 (SSTR2) and the cytotoxic T-cell binding domain CD3 for the treatment of neuroendocrine tumors. This is our first bispecific candidate that targets a solid tumor. We have an open IND for this candidate and plan on starting a clinical trial for XmAb18087 in early 2018

**XmAb20717** is our initial checkpoint inhibitor candidate that is being developed using our bispecific technology platform. XmAb20717 targets PD-1 and CTLA-4 and is being developed for broad oncology indications including solid tumors. We plan to file an IND for this compound and initiate clinical trials in 2018.

**XmAb22841** and **XmAb23104** are the next two checkpoint inhibitor candidates being developed. XmAb22841 targets CTLA4 and LAG3 and XmAb23104 targets PD-1 and ICOS. Both are being developed for broad oncology indications and we plan on filing IND's for both candidates in late 2018.

## **Out-Licensed Compounds**

In addition to our wholly-owned compounds in clinical development, we have used our XmAb technology to create antibody compounds which have been licensed to other pharmaceutical and biotechnology companies for further development. These licensed compounds do not require additional development effort by us as they advance into development by our partners. If successful, these candidates will generate additional milestone payments and royalties to support our internal development efforts. These include XmAb5574/MOR208 (now MOR208) licensed to MorphoSys, and XmAb13551, a bispecific CD38 x CD3 preclinical candidate, which we developed and licensed to Amgen. In June 2017, MorphoSys commenced a Phase 3 trial for which we recorded \$12.5 million in milestone revenues.

<b>Program</b>	<b>Target</b>	<b>Fc Domain</b>	<b>Primary Stage of</b>		<b>Partner</b>
			<b>Indication</b>	<b>Development</b>	
XmAb5574/MOR208	CD19	Cytotoxic	CLL/NHL/ALL	Phase 3	MorphoSys
XmAb13551	CD38 x CD3	Bispecific	Myeloma	Preclinical	Amgen

## **Our Out-Licensed Technology**

We selectively license our XmAb technology to other companies for use in their own internal development candidates and to potentially make next-generation improvements to their marketed products. These licenses generally require little or no development effort by us and provide us with cash to fund our own research and development programs. These agreements typically provide the licensee with specific rights to use one or more of our Fc technologies

to be applied to their proprietary antibodies or targets. The licensee is generally responsible for all development of any resulting product candidate. As part of these agreements, we are generally entitled to receive upfront fees, annual licensing fees, potential milestone payments and royalties on the sales of any resulting products. In connection with our collaboration with Novo Nordisk, we also received research and development funding.

There are currently eight programs in development with our partners. The most advanced program is with Alexion which started a Phase 3 trial in 2016.

<u>Licensee</u>	<u>Year</u>	<u>Xencor Technology</u>	<u>Indication</u>	<u>Milestones</u>	<u>Royalties</u>	<u>Current Development Stage</u>
Alexion	2013	Xtend	Undisclosed	Yes	Yes	Phase 3
CSL-Janssen Biotech	2009	Cytotoxic	Oncology	Yes	Yes	Phase 2
Boehringer Ingelheim	2007	Cytotoxic	Oncology	Yes	Yes	Phase 1 (2 candidates)
Janssen Biotech	2009	Xtend	Autoimmune disease	Yes	Yes	Preclinical
NIH (not licensed)		Xtend	HIV	N/A	N/A	Phase 1
Merck	2013	Fc optimization	Autoimmune disease	Yes	Yes	Phase 1
Amgen	2015	Bi-specific	Oncology/Autoimmune	Yes	Yes	5 Preclinical candidates
Novartis	2016	Various, including Bi-specifics	Undisclosed	Yes	Yes	Preclinical

## Results of Operations

### Comparison of the Three Months Ended September 30, 2017 and 2016

The following table summarizes our results of operations for the three months ended September 30, 2017 and 2016 (in millions):

	<b>Three Months Ended September 30,</b>		
	<b>2017</b>	<b>2016</b>	<b>Change</b>
<b>Revenues:</b>			
Research collaboration	\$ 6.3	\$ 7.0	\$ (0.7)
Licensing	0.8	0.8	—
Milestone	—	—	—
<b>Total revenues</b>	<b>\$ 7.1</b>	<b>\$ 7.8</b>	<b>\$ (0.7)</b>
<b>Operating expenses:</b>			
Research and development	19.4	14.1	5.3
General and administrative	4.2	3.0	1.2
<b>Total operating expenses</b>	<b>23.6</b>	<b>17.1</b>	<b>6.5</b>
Other income, net	1.1	0.6	0.5
Loss before income taxes	(15.4)	(8.7)	(6.7)
Income tax expense (benefit)	0.2	(0.6)	0.8
<b>Net loss</b>	<b>\$ (15.6)</b>	<b>\$ (8.1)</b>	<b>\$ (7.5)</b>

### Revenues

Revenues were lower by \$0.7 million in the three months ended September 30, 2017 over comparable 2016 amounts primarily due to revenue recognized from our Novo Nordisk agreement in 2016.

*Research and Development Expenses*

The following table summarizes our research and development expenses for the three months ended September 30, 2017 and 2016 (in millions):

	Three Months Ended September 30,		
	2017	2016	Change
<b>Product programs:</b>			
XmAb5871	\$ 7.0	\$ 5.5	\$ 1.5
XmAb7195	1.0	2.8	(1.8)
Bi-specific	9.9	4.9	5.0
Early research and discovery	1.5	0.9	0.6
<b>Total research and development expenses</b>	<b>\$ 19.4</b>	<b>\$ 14.1</b>	<b>\$ 5.3</b>

Research and development expenses increased by \$5.3 million for the three months ended September 30, 2017 over the same period in 2016 as we continue to advance our initial bispecific candidates, XmAb14045 and XmAb13676 through clinical development as well as development activities for the next two bispecific candidates, XmAb18087 and XmAb20717. Increases in research and development spending on our XmAb5871 and early discovery research programs were offset by reduced spending on our XmAb7195 program.

*General and Administrative Expenses*

The following table summarizes our general and administrative expenses for the three months ended September 30, 2017 and 2016 (in millions):

	Three Months Ended September 30,		
	2017	2016	Change
General and administrative	\$ 4.2	\$ 3.0	\$ 1.2

General and administrative expenses increased by \$1.2 million for the three months ended September 30, 2017 over the same period in 2016 primarily due to an increase in stock-based compensation costs offset by reimbursement of legal costs of the litigation described in Part II item 1.

*Other Income, Net*

Other income, net was \$1.1 million for the three months ended September 30, 2017 compared to \$600,000 for the same period in 2016, reflecting an increase in interest income on our investment in marketable securities.

**Comparison of the Nine Months Ended September 30, 2017 and 2016**

The following table summarizes our results of operations for the nine months ended September 30, 2017 and 2016 (in millions):

	Nine Months Ended September 30,		
	2017	2016	Change
<b>Revenues:</b>			
Research collaboration	\$ 6.3	\$ 21.1	\$ (14.8)
Licensing	2.5	60.0	(57.5)
Milestone	16.0	—	16.0
<b>Total revenues</b>	<b>\$ 24.8</b>	<b>\$ 81.1</b>	<b>\$ (56.3)</b>
<b>Operating expenses:</b>			
Research and development	51.4	38.5	12.9
General and administrative	13.1	10.0	3.1
<b>Total operating expenses</b>	<b>64.5</b>	<b>48.5</b>	<b>16.0</b>
Other income, net	3.2	1.3	1.9
Income (loss) before taxes	(36.4)	33.9	(70.3)
Income tax expense	0.6	1.2	(0.5)
<b>Net income (loss)</b>	<b>\$ (37.1)</b>	<b>\$ 32.7</b>	<b>\$ (69.9)</b>

#### Revenues

Research collaboration revenues for the nine months ended September 30, 2017 decreased by \$14.8 million compared to the same period in 2016 primarily due to revenue recognized under our Amgen Agreement in 2016.

Licensing revenues for the nine months ended September 30, 2017 decreased by \$57.5 million compared to the same period in 2016 primarily due to revenue recognized from our Novartis Agreement in 2016.

Milestone revenues for the nine months ended September 30, 2017 were earned from our MorphoSys and CSL collaborations. There were no milestone revenues for the same period in 2016.

#### Research and Development Expenses

The following table summarizes our research and development expenses for the nine months ended September 30, 2017 and 2016 (in millions):

	Nine Months Ended September 30,		
	2017	2016	Change
<b>Product programs:</b>			
XmAb5871	\$ 15.2	\$ 13.4	\$ 1.8
XmAb7195	3.0	6.1	(3.1)
Bi-specific	28.8	16.8	12.0
Early research and discovery	4.4	2.2	2.2
<b>Total research and development expenses</b>	<b>\$ 51.4</b>	<b>\$ 38.5</b>	<b>\$ 12.9</b>

Research and development expenses increased by \$12.9 million for the nine months ended September 30, 2017 over the same period in 2016 as we continue to advance our initial bispecific candidates, XmAb14045 and XmAb13676, through clinical development as well as development activities for the next two bispecific candidates, XmAb18087 and XmAb20717. Increased spending on our XmAb5871 program and early discovery research programs was offset by reduced spending on our XmAb7195 program

#### General and Administrative Expenses

The following table summarizes our general and administrative expenses for the nine months ended September 30, 2017 and 2016 (in millions):

Nine Months Ended

	September 30,		
	2017	2016	Change
General and administrative	\$ 13.1	\$ 10.0	\$ 3.1

General and administrative expenses increased by \$3.1 million for the nine months ended September 30, 2017 over the same period in 2016 primarily due to an increase in staffing and stock-based compensation costs offset by reimbursement of legal costs of the litigation described in Part II item 1.

#### *Other Income, Net*

Other income, net was \$3.2 million for the nine months ended September 30, 2017 compared to \$1.3 million for the same period in 2016, reflecting interest income on our investment in marketable securities.

#### **Cash Flows**

The following table sets forth the primary sources and uses of cash for each of the periods presented below (in thousands):

	Nine Months Ended September 30,		
	2017	2016	Change
Net cash provided by (used in):			
Operating activities	\$ (27,017)	\$ 110,405	\$ (137,422)
Investing activities	23,011	(109,382)	132,393
Financing activities	3,112	1,174	1,938
Net increase (decrease) in cash	\$ (894)	\$ 2,197	\$ (3,091)

#### *Operating Activities*

Cash used in operating activities for the nine months ended September 30, 2017 decreased by \$137 million over amounts reported for the nine months ended September 30, 2016 reflecting lower deferred revenue, prepaid assets and accrued liabilities in the 2017 period.

#### *Investing Activities*

Investing activities consist primarily of investments in marketable securities available-for-sale, purchases of intangible assets, capitalization of patent and licensing costs and purchases of property and equipment. Net cash provided by investing activities for the nine months ended September 30, 2017 increased by \$132 million over amounts reported for the period ended September 30, 2016.

#### *Financing Activities*

Net cash provided by financing activities for the nine months ended September 30, 2017 increased by \$1.9 million over the same period in 2016 which reflects additional proceeds received from stock option exercises and issuance of common stock pursuant to our ESPP in 2017.

#### **Liquidity and Capital Resources**

We have financed our operations primarily through private placements of our equity and convertible notes, the public offerings of our common stock, and payments received under our product development partnerships and licensing arrangements.

On March 3, 2015, we finalized the sale of 8,625,000 shares of common stock at an offering price of \$14.25 per share, resulting in net proceeds of approximately \$115.2 million, after deducting underwriting discounts, commissions

and offering expenses. In September 2015, we received a \$45 million upfront payment in connection with the Amgen Agreement.

In July 2016, we received a \$150 million upfront payment in connection with the Novartis Agreement.

As previously disclosed, on September 19, 2016, we entered into an Equity Distribution Agreement (the Distribution Agreement) with Piper Jaffray & Co (Piper Jaffray) pursuant to which we may sell from time to time, at our option, up to an aggregate of \$40 million of common stock through Piper Jaffray as sales agent. The issuance and sale of these shares by Xencor under the Distribution Agreement will be pursuant to our shelf registration statement on Form S-3 (File No.333-213700) declared effective by the SEC on October 5, 2016.

To date, we have not sold any shares under the Distribution Agreement.

In December 2016, we completed the sale of 5,272,750 shares of common stock which included shares we issued pursuant to our underwriters' exercise of their over-allotment option pursuant to a follow-on financing. We received net proceeds of \$119.3 million, after deducting underwriter discounts and offering expenses.

As of September 30, 2017, we had \$373.0 million of cash, cash equivalents and marketable securities compared to \$403.5 million at December 31, 2016. We expect to continue to receive additional payments from our collaborators for research and development services rendered, additional milestone, contingent payments, opt-in and annual license maintenance payments. Our ability to receive milestone payments and contingent payments from our partners is dependent upon either our ability or our partners' abilities to achieve certain levels of research and development activities and is therefore uncertain at this time.

### **Funding Requirements**

We have not generated any revenue from product sales to date and do not expect to do so until such time as we obtain regulatory approval of and commercialize one or more of our product candidates. As we are currently in clinical stage of development, it will be some time before we expect to achieve this and it is uncertain that we ever will commercialize one or more of our product candidates. We expect that we will continue to increase our operating expenses in connection with ongoing as well as additional clinical and pre-clinical development of product candidates in our pipeline.

Although it is difficult to predict our funding requirements, based upon our current operating plan, we expect that our existing cash, cash equivalents and marketable securities and certain potential milestone payments will fund our operating expenses and capital expenditure requirements beyond 2020. We have based these estimates on assumptions that may prove to be wrong, and we could use our capital resources sooner than we currently expect.

### **Off-Balance Sheet Arrangements**

We did not have during the periods presented, and we do not currently have, any off-balance sheet arrangements.

### **Contractual Obligations and Commitments**

There were no material changes outside the ordinary course of business to our specific contractual obligations during the three and nine months ended September 30, 2017.

### **Critical Accounting Policies**

For a discussion on our material changes in critical accounting policies, see "Recent Accounting Pronouncements" in the notes to the financial statements included in this Quarterly Report on Form 10-Q.

### **ITEM 3. Quantitative and Qualitative Disclosures about Market Risk**



Our primary exposure to market risk is interest rate sensitivity, which is affected by changes in the general level of U.S. interest rates. Due to the short-term maturities of our cash equivalents and marketable securities and the low risk profile of our investments, an immediate 10% change in interest rates would not have a material effect on the fair market value of our portfolio. Accordingly, we would not expect our operating results or cash flows to be affected to any significant degree by the effect of a sudden change in market interest rates on our investment portfolio.

We do not believe that our cash and cash equivalents have significant risk of default or illiquidity. While we believe our cash and cash equivalents do not contain excessive risk, we cannot provide absolute assurance that in the future our investments will not be subject to adverse changes in market value. In addition, we maintain significant amounts of cash and cash equivalents at one or more financial institutions that are in excess of federally insured limits.

Inflation generally affects us by increasing our cost of labor and clinical trial costs. We do not believe that inflation has had a material effect on our results of operations during the periods presented.

#### **ITEM 4. Controls and Procedures**

##### **Disclosure Controls and Procedures**

Our management, with the supervision of our Chief Executive Officer and Vice President of Finance (our principal executive officer and principal financial officer, respectively), evaluated the effectiveness of our disclosure controls and procedures as of September 30, 2017. Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed in this Quarterly Report on Form 10-Q has been appropriately recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms, and that such information is accumulated and communicated to our management, including our principal executive and principal financial officers, to allow timely decisions regarding required disclosure. Based on that evaluation, our principal executive and principal financial officers have concluded that our disclosure controls and procedures are effective at the reasonable assurance level as of September 30, 2017.

##### **Changes in Internal Control**

During the third quarter 2017, the Company implemented a new Enterprise Resource Planning (ERP) system to support the Company's growth. The implementation was designed in part to enhance the overall system of internal controls over financial reporting through further automation of various business processes. Except for the new ERP system, there have been no changes in our internal control over financial reporting during our most recent fiscal quarter 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 March 3, 2015, a verified class action complaint, captioned DePinto v. John S. Stafford, et al., C.A. No. 10742, was filed in the Court of Chancery of the State of Delaware against certain of the Company's current and former directors alleging cause of action for Breach of Fiduciary Duty and Invalidity of Director and Stockholder Consents. In general, the complaint alleged that the plaintiff and the class he seeks to represent were shareholders of the Company during the recapitalization and certain related transactions that the Company underwent in 2013 and that the defendants breached their fiduciary duties in the course of approving that series of transactions. It also challenged as invalid certain corporate acts taken during the 2013 time-period.

The plaintiffs and the Company agreed to separate the litigation into two separate claims; Count I relating to the claim of Breach of Fiduciary Duty by the current and former directors of the Company and, Count II relating to the Invalidity of Directors and Stockholders consents.

On December 14, 2015, the Delaware Chancery Court entered an Order and Partial Final Judgment approving the settlement of the invalidity claims, validating each corporate act challenged in the complaint, dismissing with prejudice Count II of the complaint (the invalidity claims) and granting plaintiff's counsel a fee award of \$950,000. We

have paid the plaintiff's legal award cost of \$950,000 net of insurance proceeds of \$187,500 which has been reflected as a charge in our 2015 operations.

On September 27, 2016, the parties engaged in voluntary mediation and agreed to settle the complaint's remaining claims, Count II, for a total payment of \$2.375 million to the class certified by the Delaware Court of Chancery. The settlement was reached without any party admitting wrong-doing. Under the terms of the settlement, no payments shall be made to the plaintiffs by the Company or any of the defendants in the lawsuit other than payments covered by the Company's insurance.

On April 4, 2017, the Delaware Chancery Court approved the Settlement between the parties. On May 1, 2017, the Company's insurance carriers fully funded the settlement account.

We recognized legal costs related to the litigation as incurred and offset any insurance proceeds when approved and issued. At December 31, 2016, we reported the outstanding settlement amount of \$2.355 million as a payable and reflected a receivable of the same amount for the insurance coverage that will fund the settlement. This amount was paid by the insurance carrier on our behalf in May 2017.

#### **ITEM 1A. Risk Factors**

For information regarding certain factors that could materially affect our business, results of operations, financial condition and liquidity, see the risk factor discussion provided under "Risk Factors" in item 1A of our Annual Report on Form 10-K for the year ended December 31, 2016. See also "Special Note Regarding Forward-Looking Statements" included in this Quarterly Report on Form 10-Q. In addition to the risks set forth in our Annual Report on Form 10-K for the year ended December 31, 2016, additional risks and uncertainties not currently known to us or that we currently deem to be immaterial may also materially and adversely affect our business.

#### **ITEM 6. Exhibits**

A list of exhibits filed as part of this Quarterly Report on Form 10-Q is set forth on the Exhibit Index, and is incorporated herein by reference.

**EXHIBIT INDEX**

3.1	<a href="#">Amended and Restated Certificate of Incorporation of the Company (incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K, filed with the SEC on December 11, 2013).</a>
3.2	<a href="#">Amended and Restated Bylaws of the Company (incorporated by reference to Exhibit 3.2 to the Company's Current Report on Form 8-K, filed with the SEC on December 11, 2013).</a>
4.1	<a href="#">Form of Common Stock Certificate of the Company (incorporated by reference to Exhibit 4.1 to the Company's Registration Statement on Form S-1, as amended (File No. 333-191689), originally filed with the SEC on October 25, 2013).</a>
4.2	<a href="#">Third Amended and Restated Investor Rights Agreement, dated June 26, 2013, among the Company and certain of its stockholders incorporated by reference to Exhibit 4.2 to the Company's Registration Statement on Form S-1, as amended (File No. 333-191689), originally filed with the SEC on October 11, 2013).</a>
10.1	<a href="#">Second Amendment to Lease, dated July 5, 2017, by and between Xencor, Inc. and 111 Lemon Investors LLC (incorporated by reference to Exhibit 99.1 to the Company's Current Report on Form 8-K filed with the SEC on July 10, 2017).</a>
31.1	<a href="#">Rule 13a-14(a) Certification of Principal Executive Officer.</a>
31.2	<a href="#">Rule 13a-14(a) Certification of Principal Financial Officer.</a>
32.1	<a href="#">Section 1350 Certification of Principal Executive Officer and Principal Financial Officer.</a>
101.INS	XBRL Instance Document
101.SCH	XBRL Schema Document
101.CAL	XBRL Calculation Linkbase Document
101.DEF	XBRL Definition Linkbase Document
101.LAB	XBRL Labels Linkbase Document
101.PRE	XBRL Presentation Linkbase Document

**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.

XENCOR, INC.

BY: /s/ BASSIL I. DAHIYAT

Bassil I. Dahiyat, Ph.D.  
President and Chief Executive Officer  
(Principal Executive Officer)

BY: /s/ JOHN J. KUCH

John J. Kuch  
Vice President, Finance  
(Principal Financial Officer)

Dated: November 7, 2017

**CERTIFICATION OF CHIEF PRINCIPAL OFFICER PURSUANT TO SECTION 302 OF THE  
SARBANES-OXLEY ACT OF 2002**

I, Bassil I. Dahiyat, Ph.D., certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Xencor, Inc., (the "Company");
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 Company as of, and for, the periods presented in this report;
4. The Company's other certifying officer(s) 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 Company 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 Company is made known to us 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 Company'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 Company's internal control over financial reporting that occurred during the Company's most recent fiscal quarter (the Company's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting; and
5. The Company's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Company's auditors and the audit committee of the Company'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 Company'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 Company's internal control over financial reporting.

/s/ BASSIL I. DAHIYAT

Bassil I. Dahiyat, Ph.D.

*President & Chief Executive Officer*

Date: November 7, 2017

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**CERTIFICATION OF THE PRINCIPAL FINANCIAL OFFICER PURSUANT TO SECTION 302 OF THE  
SARBANES-OXLEY ACT OF 2002**

I, John J. Kuch, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Xencor, Inc., (the "Company");
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 Company as of, and for, the periods presented in this report;
4. The Company's other certifying officer(s) 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 Company 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 Company is made known to us, 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 Company'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 Company's internal control over financial reporting that occurred during the Company's most recent fiscal quarter (the Company's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting; and
5. The Company's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Company's auditors and the audit committee of the Company'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 Company'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 Company's internal control over financial reporting.

/s/ JOHN J. KUCH

John J. Kuch

*Vice President, Finance (Principal Financial Officer)*

Date: November 7, 2017

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**CERTIFICATION**

Pursuant to the requirement set forth in Rule 13a-14(b) of the Securities Exchange Act of 1934, as amended, (the "Exchange Act") and Section 1350 of Chapter 63 of Title 18 of the United States Code (18 U.S.C. §1350), Bassil I. Dahiyat, Chief Executive Officer of Xencor, Inc. (the "Company"), and John J. Kuch, Vice President, Finance of the Company, each hereby certifies that, to the best of his or her knowledge:

1. The Company's Quarterly Report on Form 10-Q for the period ended September 30, 2017, to which this Certification is attached as Exhibit 32.1 (the "Periodic Report"), fully complies with the requirements of Section 13(a) or Section 15(d) of the Exchange Act; and
2. The information contained in the Periodic Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: November 7, 2017

**IN WITNESS WHEREOF**, the undersigned have set their hands hereto as of the 7th day of November, 2017.

/s/ BASSIL I. DAHIYAT  
Bassil I. Dahiyat  
Chief Executive Officer

/s/ JOHN J. KUCH  
John J. Kuch  
Vice President, Finance

This certification accompanies the Form 10-Q to which it relates, is not deemed filed with the Securities and Exchange Commission and is not to be incorporated by reference into any filing of Xencor, Inc. under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended (whether made before or after the date of the Form 10-Q), irrespective of any general incorporation language contained in such filing.

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