



## EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Document</u>
<a href="#">99.1</a>	Interim Condensed Consolidated Financial Statements for the First Quarter ended March 31, 2019
<a href="#">99.2</a>	MD&A for the First Quarter ended March 31, 2019
<a href="#">99.3</a>	Certification of Interim Filings - Chief Executive Officer
<a href="#">99.4</a>	Certification of Interim Filings - Chief Financial Officer

Exhibits 99.1, 99.2, 99.3 and 99.4 included with this report on Form 6-K are hereby incorporated by reference as exhibits to the Registration Statement on Form F-10 of Aurinia Pharmaceuticals Inc. (File No. 333-222413), as amended or supplemented.



## Financial Statements



First Quarter Ended March 31, 2019

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**Aurinia Pharmaceuticals Inc.**  
Interim Condensed Consolidated Statements of Financial Position (*Unaudited*)  
As at March 31, 2019

(expressed in thousands of US dollars)

	March 31, 2019 \$	December 31, 2018 \$
<b>Assets</b>		
<b>Current assets</b>		
Cash and cash equivalents	140,359	117,967
Short term investments (note 4)	3,975	7,889
Accounts receivable and accrued interest receivable	376	217
Prepaid expenses and deposits	6,714	6,775
	151,424	132,848
<b>Clinical trial contract deposits</b>	358	358
<b>Property and equipment (note 13)</b>	441	41
<b>Acquired intellectual property and other intangible assets</b>	12,278	12,616
	164,501	145,863
<b>Liabilities</b>		
<b>Current liabilities</b>		
Accounts payable and accrued liabilities	6,200	7,071
Lease liability (note 13)	106	—
Deferred revenue	118	118
Contingent consideration (note 5)	72	72
	6,496	7,261
<b>Lease liability (note 13)</b>	315	—
<b>Deferred revenue</b>	294	324
<b>Contingent consideration (note 5)</b>	3,949	3,956
<b>Derivative warrant liabilities (note 6)</b>	14,102	21,747
	25,156	33,288
<b>Shareholders' Equity</b>		
<b>Common shares (note 7)</b>	543,063	504,650
<b>Contributed surplus</b>	25,475	24,690
<b>Accumulated other comprehensive loss</b>	(805)	(805)
<b>Deficit</b>	(428,388)	(415,960)
	139,345	112,575
	164,501	145,863
<b>Commitments (note 11)</b>		
<b>Subsequent events (note 14)</b>		

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

**Aurinia Pharmaceuticals Inc.**  
Interim Condensed Consolidated Statements of Operations and Comprehensive Loss (*Unaudited*)  
For the three month periods ended March 31, 2019 and 2018

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(expressed in thousands of US dollars, except per share data)

	March 31, 2019 \$	March 31, 2018 \$
<b>Revenue</b>		
Licensing revenue	30	30
<b>Expenses</b>		
Research and development	10,631	8,887
Corporate, administration and business development	3,901	3,791
Amortization of acquired intellectual property and other intangible assets	346	396
Amortization of property and equipment	37	3
Other income (note 8)	(745)	(200)
	14,170	12,877
<b>Loss before change in estimated fair value of derivative warrant liabilities and income taxes</b>	(14,140)	(12,847)
Change in estimated fair value of derivative warrant liabilities (note 6)	1,725	(2,631)
<b>Loss before income taxes</b>	(12,415)	(15,478)
Income tax expense	13	—
<b>Net loss and comprehensive loss for the period</b>	(12,428)	(15,478)
<b>Net loss per common share</b> (note 9) (expressed in \$ per share)		
Basic and diluted loss per common share	(0.14)	(0.18)

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

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**Aurinia Pharmaceuticals Inc.**  
Interim Condensed Consolidated Statements of Changes in Shareholders' Equity (*Unaudited*)  
**For the three month periods ended March 31, 2019 and 2018**

(expressed in thousands of US dollars)

	Common shares \$	Warrants \$	Contributed surplus \$	Deficit \$	Accumulated other comprehensive loss \$	Shareholders' equity \$
<b>Balance – January 1, 2019</b>	504,650	—	24,690	(415,960)	(805)	112,575
Issue of common shares	30,000	—	—	—	—	30,000
Share issue costs	(1,170)	—	—	—	—	(1,170)
Exercise of derivative warrants	7,413	—	—	—	—	7,413
Exercise of stock options	2,170	—	(819)	—	—	1,351
Stock based compensation	—	—	1,604	—	—	1,604
Net loss and comprehensive loss for the period	—	—	—	(12,428)	—	(12,428)
<b>Balance - March 31, 2019</b>	<u>543,063</u>	<u>—</u>	<u>25,475</u>	<u>(428,388)</u>	<u>(805)</u>	<u>139,345</u>
<b>Balance – January 1, 2018</b>	499,200	906	18,360	(351,840)	(805)	165,821
Stock based compensation	—	—	2,111	—	—	2,111
Net loss and comprehensive loss for the period	—	—	—	(15,478)	—	(15,478)
<b>Balance - March 31, 2018</b>	<u>499,200</u>	<u>906</u>	<u>20,471</u>	<u>(367,318)</u>	<u>(805)</u>	<u>152,454</u>

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

**Aurinia Pharmaceuticals Inc.**  
Interim Condensed Consolidated Statements of Cash Flows *(Unaudited)*  
For the three month periods ended March 31, 2019 and 2018

(expressed in thousands of US dollars)

	March 31, 2019 \$	March 31, 2018 \$
<b>Cash flow provided by (used in)</b>		
<b>Operating activities</b>		
Net loss for the period	(12,428)	(15,478)
Adjustments for		
Amortization of deferred revenue	(30)	(30)
Amortization of property and equipment	37	3
Amortization of acquired intellectual property and other intangible assets	346	396
Amortization of short term investment discount (note 12)	4	6
Revaluation of contingent consideration	(7)	89
Foreign exchange impact on lease liability	8	—
Interest expense	11	—
Change in estimated fair value of derivative warrant liabilities	(1,725)	2,631
Stock-based compensation	1,604	2,111
	(12,180)	(10,272)
Net change in other operating assets and liabilities (note 12)	(969)	(4,108)
<b>Net cash used in operating activities</b>	<b>(13,149)</b>	<b>(14,380)</b>
<b>Investing activities (note 12)</b>		
Proceeds on maturity of short term investment	3,910	—
Purchase of short term investments	—	(20,000)
Purchase of equipment	(12)	(22)
Capitalized patent costs	(8)	—
<b>Net cash generated from (used in) investing activities</b>	<b>3,890</b>	<b>(20,022)</b>
<b>Financing activities (note 12)</b>		
Net proceeds from issuance of common shares	28,830	—
Proceeds from exercise of derivative warrants	1,493	—
Proceeds from exercise of stock options	1,351	—
Principal elements of lease payments	(23)	—
<b>Net cash generated from financing activities</b>	<b>31,651</b>	<b>—</b>
<b>Increase (decrease) in cash and cash equivalents during the period</b>	<b>22,392</b>	<b>(34,402)</b>
<b>Cash and cash equivalents – Beginning of period</b>	<b>117,967</b>	<b>165,629</b>
<b>Cash and cash equivalents – End of period</b>	<b>140,359</b>	<b>131,227</b>

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

(expressed in US dollars, tabular amounts in thousands)

**1 Corporate information**

Aurinia Pharmaceuticals Inc. or the Company is a late clinical stage biopharmaceutical company, focused on developing and commercializing therapies to treat targeted patient populations that are suffering from serious diseases with a high unmet medical need. The Company is currently developing voclosporin, an investigational drug, for the treatment of lupus nephritis (LN), focal segmental glomerulosclerosis (FSGS) and Dry Eye Syndrome (DES).

Aurinia's head office is located at #1203-4464 Markham Street, Victoria, British Columbia, V8Z 7X8. The Company has its registered office located at #201, 17904-105 Avenue, Edmonton, Alberta, T5S 2H5 where the finance function is performed.

Aurinia Pharmaceuticals Inc. is incorporated pursuant to the Business Corporations Act (Alberta). The Company's common shares are currently listed and traded on the NASDAQ Global Market (NASDAQ) under the symbol AUPH and on the Toronto Stock Exchange (TSX) under the symbol AUP.

These consolidated financial statements include the accounts of the Company and its wholly owned subsidiaries, Aurinia Pharma U.S., Inc. (Delaware incorporated) and Aurinia Pharma Limited (UK incorporated).

**2 Basis of preparation**

**Statement of compliance**

These interim condensed consolidated financial statements of the Company have been prepared in accordance with International Financial Reporting Standards (IFRS), as applicable to interim financial reports including IAS 34, Interim Financial Reporting, and should be read in conjunction with the annual financial statements of the Company for the year ended December 31, 2018 which have been prepared in accordance with IFRS, as issued by International Accounting Standards Board (IASB).

These interim condensed consolidated financial statements were authorized for issue by the Board of Directors on May 9, 2019.

**Basis of measurement**

The interim condensed consolidated financial statements have been prepared on a going concern and historical cost basis, other than certain financial instruments recognized at fair value.

**Functional and presentation currency**

These interim condensed consolidated financial statements are presented in United States (US) dollars, which is the Company's functional currency.

**3 Accounting Policy**

These interim condensed consolidated financial statements follow the same accounting policies and methods of their application as the December 31, 2018 annual audited consolidated financial statements except as described below for new accounting standards adopted effective January 1, 2019.

**New Accounting Standards Adopted During the Period**

*IFRS 16—Leases*

The Company has adopted IFRS 16 —*Leases* (IFRS 16) with the date of initial application of January 1, 2019 using the modified retrospective approach. In accordance with the transitional provisions in IFRS 16 comparative figures have not been restated, rather the reclassifications and adjustments arising from the adoption of this standard are recognized in the opening Statement of Financial Position on January 1, 2019. The impact of adoption of IFRS 16 is disclosed in Note 13.

The following policies are applicable from January 1, 2019. In the comparative period, leases were accounted for in accordance with the accounting policy for leases disclosed in the Company's December 31, 2018 annual audited consolidated financial statements. *Policy applicable from January 1, 2019:*

At inception of a contract, the Company assesses whether a contract is, or contains, a lease. A contract contains a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. The Company assesses whether:

- the contract involves the use of an explicitly or implicitly identified asset;
- the Company has the right to obtain substantially all of the economic benefits from the use of the asset throughout the contract term;
- the Company has the right to direct the use of the asset.



(expressed in US dollars, tabular amounts in thousands)

The Company recognizes a right-of-use asset and a lease liability at the commencement date of the lease, the date the underlying asset is available for use. Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any re-measurement of lease liabilities. The cost of right-of-use assets includes the initial amount of lease liabilities recognized, initial direct costs incurred, restoration costs, and lease payments made at or before the commencement date less any lease incentive received, if any.

Unless the Company is reasonably certain to obtain ownership of the leased asset at the end of the lease term, the right-of-use assets are depreciated on a straight-line basis over the shorter of the estimated useful life and the lease term. Right-of-use assets are subject to impairment.

At the commencement date of the lease, the Company recognizes lease liabilities measured at the present value of lease payments to be made over the lease term, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the Company's incremental borrowing rate. The lease payments include fixed payments, variable lease payments that depend on an index or a rate, amounts expected to be paid under residual value guarantees and the exercise price of a purchase option reasonably certain to be exercised by the Company.

After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a modification, a change in the lease term, a change in the fixed lease payments or a change in the assessment to purchase the underlying asset.

The Company presents right-of-use assets in the property and equipment line and lease liabilities in the lease liability line on the interim condensed statement of financial position.

*Short-term leases and leases of low value assets*

The Company has elected to use the practical expedient permitted by the standard and not to recognize right-of-use assets and lease liabilities for leases that have a lease term of 12 months or less and do not contain a purchase option or for leases related to low value assets. Lease payments on short-term leases and leases of low value assets are recognized as an expense in the interim condensed statement of operations and comprehensive loss.

*Critical Judgements in determining the lease term*

In determining the lease term, management considers all facts and circumstances that create economic incentive to exercise an extension option, or not exercise a termination option. Extension options (or periods after termination options) are only included in the lease term if the lease is reasonably certain to be extended (or not terminated).

**4 Short term investments**

	March 31, 2019 \$	December 31, 2018 \$
<b>Amortized cost</b>		
Bank of Nova Scotia Treasury Note - due June 14, 2019 - with an effective interest rate of 1.65%	3,975	3,977
Canadian Government Bond - due February 27, 2019 - with an effective interest rate of 1.63%	—	3,912
	<u>3,975</u>	<u>7,889</u>

The fair value of the short term investment(s) at March 31, 2019 was \$3,985,000 (December 31, 2018 - \$7,856,000).

**5 Contingent consideration**

The outstanding fair value of contingent consideration payable to ILJIN an affiliated shareholder and related party, is the result of an Arrangement Agreement (the Agreement) completed on September 20, 2013 between the Company, Aurinia Pharma Corp. and ILJIN. Pursuant to the Agreement, the remaining payments of up to \$7,850,000 may be paid dependent on the achievement of pre-defined clinical and marketing milestones.

Previously, in 2017 the Company paid ILJIN \$2,150,000 upon the achievement of two specific milestones reducing the original \$10,000,000 contingent consideration to \$7,850,000.

(expressed in US dollars, tabular amounts in thousands)

At March 31, 2019, if all of the remaining milestones are met, the timing of these payments is estimated to occur as follows:

	\$
2019	100
2020	—
2021	6,625
2022	500
2023	125
2024	500
	7,850

The fair value estimates at March 31, 2019 were based on a discount rate of 10% (December 31, 2018 - 10%) and a presumed payment range between 50% and 74% (December 31, 2018 - 50% and 74%). The fair value of this contingent consideration as at March 31, 2019 was estimated to be \$4,021,000 (December 31, 2018 - \$4,028,000) and was determined by estimating the probability and timing of achieving the milestones and applying the income approach.

The change in expected timing of milestone payments and passage of time, on revaluation, resulted in a decrease in contingent consideration of \$7,000 for the three months ended March 31, 2019 compared to an increase in contingent consideration of \$89,000 for the three months ended March 31, 2018.

This is a Level 3 recurring fair value measurement. If the probability for success were to increase by a factor of 10% for each milestone, this would increase the net present value (NPV) of the obligation by approximately \$617,000 as at March 31, 2019. If the probability for success were to decrease by a factor of 10% for each milestone, this would decrease the NPV of the obligation by approximately \$617,000 as at March 31, 2019. If the discount rate were to increase to 12%, this would decrease the NPV of the obligation by approximately \$173,000. If the discount rate were to decrease to 8%, this would increase the NPV of the obligation by approximately \$185,000.

## 6 Derivative warrant liabilities

In accordance with IFRS, a contract to issue a variable number of shares fails to meet the definition of equity and must instead be classified as a derivative liability and measured at fair value with changes in fair value recognized in the consolidated statements of operations and comprehensive loss at each period-end. The derivative liabilities will ultimately be converted into the Company's equity (common shares) when the warrants are exercised, or will be extinguished on the expiry of the outstanding warrants, and will not result in the outlay of any cash by the Company. Immediately prior to exercise, the warrants are remeasured at their estimated fair value. Upon exercise, the intrinsic value is transferred to share capital (the intrinsic value is the share price at the date the warrant is exercised less the exercise price of the warrant). Any remaining fair value is recorded through the statement of operations and comprehensive loss as part of the change in estimated fair value of derivative warrant liabilities.

	December 28, 2016 Warrants		February 14, 2014 Warrants		Total	
	# of warrants (in thousands)	\$	# of warrants (in thousands)	\$	# of warrants (in thousands)	\$
<b>Balance at January 1, 2019</b>	3,523	15,475	1,738	6,272	5,261	21,747
Conversion to equity (common shares) upon exercise of warrants	—	—	(1,738)	(5,920)	(1,738)	(5,920)
Revaluation of derivative warrant liability	—	(1,373)	—	(352)	—	(1,725)
<b>Balance at March 31, 2019</b>	3,523	14,102	—	—	3,523	14,102
<b>Balance at January 1, 2018</b>	3,523	8,948	1,738	2,845	5,261	11,793
Revaluation of derivative warrant liability	—	1,903	—	728	—	2,631
<b>Balance at March 31, 2018</b>	3,523	10,851	1,738	3,573	5,261	14,424

### Derivative warrant liability related to December 28, 2016 Bought Deal public offering

On December 28, 2016, the Company completed a \$28,750,000 Bought Deal public offering (the Offering). Under the terms of the Offering, the Company issued 12,778,000 units at a subscription price per Unit of \$2.25, each Unit consisting of one common share and one-half (0.50) of a common share purchase warrant (a Warrant), exercisable for a period of five years from the date of issuance at an exercise price of \$3.00. The holders of the Warrants issued pursuant to this offering may elect, if the Company does not have an

(expressed in US dollars, tabular amounts in thousands)

effective registration statement registering or the prospectus contained therein is not available for the issuance of the Warrant Shares to the holder, in lieu of exercising the Warrants for cash, a cashless exercise option to receive common shares equal to the fair value of the Warrants. The fair value is determined by multiplying the number of Warrants to be exercised by the weighted average market price less the exercise price with the difference divided by the weighted average market price. If a Warrant holder exercises this option, there will be variability in the number of shares issued per Warrant.

At initial recognition on December 28, 2016, the Company recorded a derivative warrant liability of \$7,223,000 based on the estimated fair value of the Warrants.

There were no derivative warrant exercises in the three month periods ended March 31, 2019 and March 31, 2018.

The Company uses the Black-Scholes pricing model to estimate fair value. The Company considers expected volatility of its common shares in estimating its future stock price volatility. The risk-free interest rate for the life of the Warrants was based on the yield available on government benchmark bonds with an approximate equivalent remaining term at the time of issue. The life of warrant is based on the contractual term.

As at March 31, 2019, the Company revalued the remaining derivative warrants at an estimated fair value of \$14,102,000 (December 31, 2018 – \$15,475,000). The Company recorded an decrease in the estimated fair value of the derivative warrant liability of \$1,373,000 for the three months ended March 31, 2019 (March 31, 2018 - increase \$1,903,000).

The following assumptions were used to estimate the fair value of the derivative warrant liability on March 31, 2019 and December 31, 2018.

	<b>March 31, 2019</b>	<b>December 31, 2018</b>
	<b>\$</b>	<b>\$</b>
Annualized volatility	53 %	55 %
Risk-free interest rate	2.21 %	2.45 %
Life of warrants in years	2.75	2.99
Dividend rate	0.0 %	0.0 %
Market price	6.50	6.82
Fair value per Warrant	4.00	4.39

These derivative warrant liabilities are Level 3 recurring fair value measurements.

The key Level 3 inputs used by management to estimate the fair value are the market price and the expected volatility. If the market price were to increase by a factor of 10%, this would increase the estimated fair value of the obligation by approximately \$2,120,000 as at March 31, 2019. If the market price were to decrease by a factor of 10%, this would decrease the estimated fair value of the obligation by approximately \$2,080,000. If the volatility were to increase by 10%, this would increase the estimated fair value of the obligation by approximately \$316,000. If the volatility were to decrease by 10%, this would decrease estimated fair value of the obligation by approximately \$294,000 as at March 31, 2019.

#### **Derivative warrant liability related to February 14, 2014 private placement offering**

On February 14, 2014, the Company completed a \$52,000,000 private placement. Under the terms of the Offering, the Company issued 18,919,404 units at a subscription price per Unit of \$2.7485, each Unit consisting of one common share and one-quarter (0.25) of a common share purchase warrant (a Warrant), exercisable for a period of five years from the date of issuance at an exercise price of \$3.2204. The holders of the Warrants issued pursuant to the February 14, 2014 private placement may elect, in lieu of exercising the Warrants for cash, a cashless exercise option to receive common shares equal to the fair value of the Warrants based on the number of Warrants to be exercised multiplied by a five-day weighted average market price less the exercise price with the difference divided by the weighted average market price. If a Warrant holder exercises this option, there will be variability in the number of shares issued per Warrant.

In the three month period ended March 31, 2019, the 1,738,000 derivative warrants outstanding at December 31, 2018 related to the February 14, 2014 private placement offering, were exercised. Certain holders of these Warrants elected the cashless exercise option and the Company issued 687,000 common shares on the cashless exercise of 1,274,000 Warrants. The remaining 464,000 warrants were exercised for cash, at a price of \$3.2204 per common share and the Company received cash proceeds of \$1,493,000 upon the issuance of 464,000 common shares. Pursuant to the exercise of these warrants, the Company transferred \$5,920,000 from derivative warrant liabilities to equity (common shares) and recorded a net adjustment of \$352,000 through the Statement of Operations and

(expressed in US dollars, tabular amounts in thousands)

Comprehensive Loss. As a result, the derivative warrant liability of \$6,272,000 at December 31, 2018 related to the February 14, 2014 private placement offering has been extinguished upon the exercise of the aforementioned warrants.

**7 Share capital**

**a) Common shares**

Authorized  
Unlimited common shares without par value

Issued

	<b>Common shares</b>	
	Number (in thousands)	\$
Balance as at January 1, 2019	85,500	504,650
Issued pursuant to At The Market (ATM) Facility	4,608	28,830
Issued pursuant to exercise of derivative liability warrants (note 6)	1,151	7,413
Issued pursuant to exercise of stock options	387	2,170
<b>Balance as at March 31, 2019</b>	<b>91,646</b>	<b>543,063</b>
<b>Balance as at January 1, 2018 and March 31, 2018</b>	<b>84,052</b>	<b>499,200</b>

**ATM Facility**

On November 30, 2018 the Company entered into an Open Market Sale Agreement (the "Sale Agreement") with Jefferies LLC ("Jefferies") pursuant to which the Company sold, through at-the-market ("ATM") offerings, common shares that would have an aggregate offering price of up to US\$30,000,000. Aurinia filed a prospectus supplement with securities regulatory authorities in Canada in the provinces of British Columbia, Alberta and Ontario, and with the United States Securities and Exchange Commission, which supplements Aurinia's short form base shelf prospectus dated March 26, 2018, and Aurinia's shelf registration statement on Form F-10 dated March 26, 2018, declared effective on March 29, 2018. Sales from the ATM offering were only conducted in the United States through NASDAQ at market prices.

In the three months ended March 31, 2019 pursuant to this agreement the ATM Facility was fully utilized resulting in gross proceeds of \$30,000,000 upon the issuance of 4,608,000 common shares at a weighted average price of \$6.51. The Company incurred share issue costs of \$1,170,000 including a 3% commission of \$900,000 paid to the agent and professional and filing fees of \$270,000 directly related to the ATM.

**b) Stock options and compensation expense**

A summary of the stock options outstanding as at March 31, 2019 and March 31, 2018 and changes during the periods ended on those dates is presented below:

	<b>2019</b>		<b>2018</b>	
	Number	Weighted average exercise price in CAS	Number	Weighted average exercise price in CAS
Outstanding – Beginning of period	7,591	5.51	4,864	4.80
Granted pursuant to Stock Option Plan	1,375	8.04	2,978	6.53
Exercised	(387)	4.67	—	—
Forfeited	(234)	6.59	—	—
<b>Outstanding – End of period</b>	<b>8,345</b>	<b>5.93</b>	<b>7,842</b>	<b>5.46</b>
Options exercisable – End of period	4,753	5.24	3,139	4.36

The maximum number of Common Shares issuable under the Stock Option Plan is equal to 12.5% of the issued and outstanding Common Shares at the time the Common Shares are reserved for issuance. As at March 31, 2019 there were 91,646,000 Common

(expressed in US dollars, tabular amounts in thousands)

Shares of the Company issued and outstanding, resulting in a maximum of 11,456,000 options available for issuance under the Stock Option Plan. An aggregate total of 8,181,000 options are presently outstanding in the Stock Option Plan, representing 8.9% of the issued and outstanding Common Shares of the Company.

In addition, on May 2, 2016, the Company granted 200,000 inducement stock options to a new employee pursuant to Section 613(c) of the TSX Company Manual at a price of \$2.92 (CA\$3.66). These options vest in equal amounts over 36 months and are exercisable for a term of five years. At March 31, 2019 this employee currently holds 164,000 of these options. These options are recorded outside of the Company's stock option plan.

The Stock Option Plan requires the exercise price of each option to be determined by the Board of Directors and not to be less than the closing market price of the Company's stock on the day immediately prior to the date of grant. Any options which expire may be re-granted. The Board of Directors approves the vesting criteria and periods at its discretion. The options issued under the plan are accounted for as equity-settled share-based payments.

A summary of the stock options granted pursuant to the Stock Option Plan for the period ended March 31, 2019 and March 31, 2018 is presented below:

**Three month period ended March 31, 2019**

Grant date	Grant price <sup>(5)</sup>	Grant price <sup>(5)</sup>	Number (in thousands)
	US\$	CAS	
January 29, 2019 - Directors <sup>(1)</sup>	6.06	8.04	210
January 29, 2019 - Executives <sup>(4)</sup>	6.06	8.04	875
January 29, 2019 - Employees <sup>(2)</sup>	6.06	8.04	260
January 29, 2019 - Employees <sup>(3)</sup>	6.06	8.04	20
March 29, 2019 - Employees <sup>(3)</sup>	6.42	8.62	10
			1,375

**Three month period ended March 31, 2018**

Grant date	Grant price <sup>(5)</sup>	Grant price <sup>(5)</sup>	Number (in thousands)
	US\$	CAS	
February 1, 2018 - Employees <sup>(2)</sup>	5.30	6.52	503
February 1, 2018 - Officers <sup>(2)</sup>	5.30	6.52	1,675
February 5, 2018 - Chief Executive Officer <sup>(2)</sup>	5.19	6.42	400
February 5, 2018 - Directors <sup>(1)</sup>	5.19	6.42	150
February 9, 2018 - Director <sup>(1)</sup>	5.09	6.40	50
February 22, 2018 - Director <sup>(1)</sup>	5.46	6.92	50
March 21, 2018 - Officer <sup>(3)</sup>	5.40	7.06	150
			2,978

1. These options vest in equal amounts over 12 months and are exercisable for a term of ten years.
2. These options vest in equal amounts over 36 months and are exercisable for a term of ten years.
3. These options vest 12/36 on the 12-month anniversary date and thereafter 1/36 per month over the next 24 months and are exercisable for a term of ten years.
4. These options vest in equal amounts over 24 months and are exercisable for a term of ten years.
5. Stock options are granted at a Canadian Dollar (CAS) exercise price, and converted to US Dollars (US\$) based on the exchange rate when these stock options are granted.

Dr. Glickman and the Company entered into a transition agreement whereby upon his retirement as Chairman of the Board and Chief Executive Officer of the Company Dr. Glickman will continue to provide substantive services as an adviser, to the Company for a period of 12 months commencing May 6, 2019. Management applied judgment in assessing if the services to be provided are substantive. Unvested stock options at May 6, 2019 were modified such that they will vest in equal installments over the next 12 months, subject to Dr. Glickman remaining an adviser to the Company at each of the vesting dates.

The transition agreement resulted in 100,000 stock options that would have been forfeited at May 6, 2020 vesting on an accelerated timeline. Therefore, the Company considered that the amount expensed for such awards to date should be reversed. The Company recognized these 100,000 stock options as a new grant based on the fair value at the date of the transition agreement which will be expensed as they vest over the transition period. The Company also revised the allocation over the remaining vesting period to reflect the graded nature of the vesting over the transition period, at one twelfth per month.

(expressed in US dollars, tabular amounts in thousands)

Application of the fair value method resulted in charges to stock-based compensation expense of \$1,604,000 for the three months ended March 31, 2019 (2018 – \$2,111,000) with corresponding credits to contributed surplus. For the three months ended March 31, 2019, stock compensation expense has been allocated to research and development expense in the amount of \$862,000 (2018 – \$784,000) and corporate, administration and business development expense in the amount of \$742,000 (2018 – \$1,327,000).

If the stock price volatility was higher by a factor of 10% on the option grant dates in 2019, this would have increased annual stock compensation expense by approximately \$ 70,000. If the stock price volatility was lower by a factor of 10% on the grant date, this would have decreased annual stock compensation expense by approximately \$72,000.

The Company used the Black-Scholes option pricing model to estimate the fair value of the options granted in 2019 and 2018.

The Company considers historical volatility of its common shares in estimating its future stock price volatility. The risk-free interest rate for the expected life of the options was based on the yield available on government benchmark bonds with an approximate equivalent remaining term at the time of the grant. The expected life is based upon the contractual term, taking into account expected employee exercise and expected post-vesting employment termination behavior.

The following weighted average assumptions were used to estimate the fair value of the options granted during the three months ended March 31, 2019:

	March 31, 2019	March 31, 2018
Annualized volatility	53 %	55 %
Risk-free interest rate	1.84 %	2.04 %
Expected life of options in years	4.0 years	4.0 years
Estimated forfeiture rate	14.2 %	22.4 %
Dividend rate	0.0 %	0.0 %
Exercise price	\$ 8.04	\$ 6.53
Market price on date of grant	\$ 8.04	\$ 6.53
Fair value per common share option	\$ 3.43	\$ 2.88

The following table summarizes information on stock options outstanding as at March 31, 2019:

Range of exercise prices CAS	Options outstanding		Options exercisable	
	Number outstanding (in thousands)	Weighted average remaining contractual life (years)	Number outstanding (in thousands)	
3.39 - 3.96	711	3.32	689	
4.21 - 5.19	2,862	5.38	2,382	
6.40 - 6.92	2,584	8.55	1,049	
7.06 - 7.70	240	8.90	82	
8.04 - 8.62	1,635	9.52	322	
9.45 - 9.45	313	8.07	229	
	<u>8,345</u>	<u>7.20</u>	<u>4,753</u>	

**Aurinia Pharmaceuticals Inc.**  
Notes to Interim Condensed Consolidated Statements (*Unaudited*)  
**For the three month periods March 31, 2019 and 2018**

(expressed in US dollars, tabular amounts in thousands)

**8 Other (income) expense**

	<b>March 31, 2019</b>	<b>March 31, 2018</b>
	\$	\$
Finance (income) expense		
Interest income	(811)	(240)
Interest expense	11	—
	<u>(800)</u>	<u>(240)</u>
Other		
Revaluation adjustment on contingent consideration (note 5)	(7)	89
Foreign exchange loss (gain) and other	62	(49)
	<u>55</u>	<u>40</u>
	<u>(745)</u>	<u>(200)</u>

**9 Net loss per common share**

Basic and diluted net loss per common share is computed by dividing net loss by the weighted average number of common shares outstanding for the year. In determining diluted net loss per common share, the weighted average number of common shares outstanding is adjusted for stock options and warrants eligible for exercise where the average market price of common shares for the three month period ended March 31, 2019 exceeds the exercise price. Common shares that could potentially dilute basic net loss per common share in the future that could be issued from the exercise of stock options and warrants were not included in the computation of the diluted loss per common share for the three month period ended March 31, 2019 because to do so would be anti-dilutive.

The numerator and denominator used in the calculation of historical basic and diluted net loss amounts per common share are as follows:

	<b>March 31, 2019</b>	<b>March 31, 2018</b>
	\$	\$
Net loss for the period	<u>(12,428)</u>	<u>(15,478)</u>
	<b>Number</b>	<b>Number</b>
Weighted average common shares outstanding	<u>90,146</u>	<u>84,052</u>
	\$	\$
Net loss per common share (expressed in \$ per share)	<u>(0.14)</u>	<u>(0.18)</u>

The outstanding number and type of securities that would potentially dilute basic loss per common share in the future and which were not included in the computation of diluted loss per share, because to do so would have reduced the loss per common share (anti-dilutive) for the years presented, are as follows:

	<b>March 31, 2019</b>	<b>March 31, 2018</b>
	\$	\$
Stock options	1,883	1,146
Warrants (derivative liabilities)	1,902	2,170
Warrants (equity)	—	585
	<u>3,785</u>	<u>3,901</u>

(expressed in US dollars, tabular amounts in thousands)

**10 Segment disclosures**

The Company's operations comprise a single reporting segment engaged in the research, development and commercialization of therapeutic drugs. As the operations comprise a single reporting segment, amounts disclosed in the consolidated financial statements represent those of the single reporting unit. In addition, all of the Company's long-lived assets are located in Canada. The following geographic information reflects revenue based on customer location.

	<b>March 31, 2019</b>	<b>March 31, 2018</b>
	\$	\$
Revenue - China	<u>30</u>	<u>30</u>

**11. Commitments**

The Company has entered into contractual obligations for services and materials required for its clinical trial program, drug manufacturing and other operational activities. Future minimum payments to exit the Company's contractual commitments are as follows:

	<b>Total (in thousands)</b>	<b>Less than one year (in thousands)</b>	<b>One to three years (in thousands)</b>	<b>Four to five years (in thousands)</b>
	\$	\$	\$	\$
Short-term lease and variable payment obligations	304	103	185	16
Purchase obligations	18,127	17,370	749	8
<b>Total</b>	<u>18,431</u>	<u>17,473</u>	<u>934</u>	<u>24</u>

**12 Supplementary cash flow information**

Net change in other operating assets and liabilities

	<b>March 31, 2019</b>	<b>March 31, 2018</b>
	\$	\$
Accounts receivable	(159)	(116)
Prepaid expenses and deposits	61	(944)
Clinical trial contract deposits	—	(210)
Accounts payable and accrued liabilities	(871)	(2,838)
	<u>(969)</u>	<u>(4,108)</u>
Interest received	<u>648</u>	<u>72</u>



(expressed in US dollars, tabular amounts in thousands)

Cash flows from financing and investing activities:

	Short term investments	Contingent consideration	Derivative warrants December 28, 2016	Derivative warrants February 14, 2014	Common shares	Warrants	Contributed surplus
	\$	\$	\$	\$	\$	\$	\$
<b>Balance at January 1, 2019</b>	7,889	(4,028)	(15,475)	(6,272)	(504,650)	—	(24,690)
Cash flow - Proceeds from short term investment	(3,910)	—	—	—	—	—	—
Cash flow - Net proceeds from ATM	—	—	—	—	(28,830)	—	—
Cash flow - Proceeds from exercise of derivative warrants	—	—	—	—	(1,493)	—	—
Cash flow - Proceeds from exercise of options	—	—	—	—	(1,351)	—	—
Non-cash changes - Conversion to common shares	—	—	—	5,920	(6,739)	—	819
Non-cash changes - Fair value adjustments	—	7	1,373	352	—	—	—
Non-cash changes - Stock Based Compensation	—	—	—	—	—	—	(1,604)
Non-cash changes - Other	(4)	—	—	—	—	—	—
<b>Balance at March 31, 2019</b>	<u>3,975</u>	<u>(4,021)</u>	<u>(14,102)</u>	<u>—</u>	<u>(543,063)</u>	<u>—</u>	<u>(25,475)</u>
<b>Balance at January 1, 2018</b>	7,833	(3,792)	(8,948)	(2,845)	(499,200)	(906)	(18,360)
Cash flow - Purchases	20,000	—	—	—	—	—	—
Non-cash changes - Fair value adjustments	—	(89)	(1,903)	(728)	—	—	—
Non-cash changes - Stock Based Compensation	—	—	—	—	—	—	(2,111)
Non-cash changes - opening adjustment on change in accounting policy	78	—	—	—	—	—	—
Non-cash changes - Other	(6)	—	—	—	—	—	—
<b>Balance at March 31, 2018</b>	<u>27,905</u>	<u>(3,881)</u>	<u>(10,851)</u>	<u>(3,573)</u>	<u>(499,200)</u>	<u>(906)</u>	<u>(20,471)</u>

### 13 Leases

The Company adopted IFRS 16 using the modified retrospective method with the date of initial application of January 1, 2019. Under this method, the standard is applied retrospectively with the cumulative effect of initially applying the standard recognized at the date of initial application. The Company also elected to use the practical expedients permitted by the standard for lease contracts that, at the commencement date, have a lease term of 12 months or less and do not contain a purchase option and lease contracts for which the underlying asset is of low value. The Company has also elected not to reassess whether a contract is, or contains a lease at the date of initial application.

On adoption the Company was required to analyze all current commitments and determine which agreements were within the scope of IFRS 16 Leases. The Company determined that its three facility agreements, previously classified as operating leases under the principles of IAS 17 Leases, were within the scope of the new standard.

For the lease of our head office facility in Victoria, British Columbia the Company recognized a right-of-use asset and a corresponding lease liability as at January 15, 2019 at which time a modification to an existing, and almost expired, lease agreement was signed. The modification extended the lease term an additional 36 months rendering the practical expedient not applicable to the Victoria facility lease. The right-of-use asset was recognized based on the amount equal to the lease liability, adjusted for any related prepaid and

(expressed in US dollars, tabular amounts in thousands)

accrued lease payments previously recognized. The lease liability was measured at the present value of the remaining lease payments and was discounted using the Company's estimated incremental borrowing rate as at January 15, 2019, over the term of the lease.

For the two other facility leases identified the Company was able to apply a practical expedient permitted by the standard, which allowed the Company to account for operating leases with a remaining lease term of 12 months or less as at January 1, 2019 as short term leases. For the three month period ended March 31, 2019 the Company incurred short-term lease expense, and variable lease expense of \$16,000 and \$14,000 respectively.

A reconciliation of the operating lease commitments disclosed applying IAS 17 in the December 31, 2018 annual audited financial statements and the least liability recognized at the date of initial application of IFRS 16 is as follows:

	\$
Operating lease commitments disclosed at December 31, 2018	800
Less: adjustment resulting from lease modification made in January 2019	(497)
Less: operating costs not included in measurement of lease liability	(287)
Less: short-term leases recognized on a straight-line basis as expense	(16)
Lease liability recognized as at January 1, 2019	—

On January 15, 2019 the Company recognized a \$425,000 right-of-use asset and a \$425,000 lease liability. When measuring the lease liability, the Company discounted lease payments using its incremental borrowing rate at January 15, 2019. The incremental borrowing rate applied to the lease liability on January 15, 2019 was 10%.

The change in accounting policy resulted in the following adjustments to the Statement of Financial Position and Statement of Operations and Comprehensive Loss:

	\$
<b>January 15, 2019 - Recognition of lease liability</b>	425
Lease liability payments	(23)
Interest expense	11
Foreign exchange impact on lease liability	8
<b>March 31, 2019 - Lease liability</b>	421
Current portion of lease liability	106
Non-current portion of lease liability	315
Lease Liability	421
<b>January 15, 2019 - Recognition right-of-use asset</b>	425
Right-of-use asset amortization	(31)
<b>March 31, 2019 - Right-of-use asset</b>	394

**14 Subsequent Events**

Subsequent to March 31, 2019, the Company issued 147,000 common shares upon the exercise of 147,000 stock options for proceeds of \$464,000. The Company also issued 1,705,000 stock options to new employees at a weighted average exercise price of \$6.29 (CA \$8.46) which includes 1.6 million stock options to the new Chief Executive Officer.



## Management's Discussion and Analysis



First Quarter Ended March 31, 2019

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# MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS FOR THE FIRST QUARTER ENDED MARCH 31, 2019

*In this Management's Discussion and Analysis of Financial Condition and Results of Operations ("MD&A"), unless the context otherwise requires, references to "we", "us", "our" or similar terms, as well as references to "Aurinia" or the "Company", refer to Aurinia Pharmaceuticals Inc., together with our subsidiaries.*

*The following MD&A provides information on the activities of Aurinia on a consolidated basis and should be read in conjunction with our unaudited interim condensed consolidated financial statements and accompanying notes for the three months ended March 31, 2019 and our annual MD&A and audited financial statements for the year ended December 31, 2018. All amounts are expressed in United States (US) dollars unless otherwise stated. Dollar amounts in tabular columns are expressed in thousands of US dollars. This document is current in all material respects as of May 9, 2019.*

The financial information contained in this MD&A and in our unaudited interim condensed consolidated financial statements has been prepared in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB") applicable to the preparation of interim financial statements including International Accounting Standard 34: *Interim Financial Reporting*. The unaudited interim condensed consolidated financial statements and MD&A have been reviewed and approved by our Audit Committee on May 9, 2019. This MD&A has been prepared with reference to National Instrument 51-102 "Continuous Disclosure Obligations" of the Canadian Securities Administrators. Under the US/Canada Multijurisdictional Disclosure System, Aurinia is permitted to prepare this MD&A in accordance with the disclosure requirements of Canada, which are different from those in the United States.

## FORWARD-LOOKING STATEMENTS

A statement is forward-looking when it uses what we know and expect today to make a statement about the future. Forward-looking statements may include words such as "anticipate", "believe", "intend", "expect", "goal", "may", "outlook", "plan", "seek", "project", "should", "strive", "target", "could", "continue", "potential" and "estimated", or the negative of such terms or comparable terminology. You should not place undue reliance on the forward-looking statements, particularly those concerning anticipated events relating to the development, clinical trials, regulatory approval, and marketing of our products and the timing or magnitude of those events, as they are inherently risky and uncertain.

Securities laws encourage companies to disclose forward-looking information so that investors can get a better understanding of our future prospects and make informed investment decisions. These statements, made in this MD&A, may include, without limitation:

- our belief that the Phase 2b lupus nephritis ("LN") AURA- LV ("AURA") clinical trial had positive results;
- our belief that we have sufficient cash resources to adequately fund operations;
- our belief that the totality of data from both the single double-blind, randomized, placebo controlled Phase 3 clinical trial for voclosporin in the treatment of LN ("AURORA") and AURA clinical trials can potentially serve as the basis for a New Drug Application (an "NDA") with the Food and Drug Administration of the United States Government (the "FDA") following a successful completion of the AURORA clinical trial;
- our belief that confirmatory data generated from the single AURORA clinical trial and the completed AURA clinical trial should support regulatory submissions in the United States, Europe and Japan and the timing of such, including the NDA submission in the United States;
- our belief that granted formulation patents regarding the delivery of voclosporin to the ocular surface for conditions such as dry eye have the potential to be of therapeutic value;
- our belief in the duration of patent terms and patent exclusivity for voclosporin and that the patents owned by us are valid;
- our belief in receiving extensions to patent life based on certain events or classifications;
- our plans and expectations and the timing of commencement, enrollment, completion and release of results of clinical trials;
- our current forecast for the cost of the AURORA clinical trial and the AURORA 2 extension trial;
- our intention to demonstrate that voclosporin possesses pharmacologic properties with the potential to demonstrate best-in-class differentiation with first-in-class status for the treatment of LN outside of Japan;
- our belief of the key potential benefits of voclosporin in the treatment of LN and other podocytopathies;
- our target launch date for voclosporin as a treatment for LN for early 2021;
- our belief in voclosporin being potentially a best-in-class CNI (as defined below) with robust intellectual property exclusivity and the benefits over existing commercially available CNIs;
- our belief that CNIs are a mainstay of treatment for DES;
- our belief that voclosporin has further potential to be effectively used across a range of therapeutic autoimmune areas including focal segmental glomerulosclerosis ("FSGS"), and keratoconjunctivitis sicca ("Dry Eye Syndrome" or "DES");
- the timing for completion of enrollment and for data availability for our Phase 2 study for voclosporin in FSGS patients;
- statements concerning the anticipated commercial potential of voclosporin for the treatment of LN, FSGS and DES;
- our plan to expand voclosporin renal franchise to include FSGS;
- our belief that the expansion of the renal franchise could create significant value for shareholders;
- our intention to use the net proceeds from financings for various purposes;

- our belief that our current financial resources are sufficient to fund our existing LN program including the AURORA trial and the NDA submission to the FDA, conduct the current Phase 2 study for FSGS, commence additional studies for DES and fund operations into mid-2020;
- our plans to generate future revenues from products licensed to pharmaceutical and biotechnology companies;
- statements concerning partnership activities and health regulatory discussions;
- statements concerning the potential market for voclosporin;
- our ability to take advantage of financing opportunities if and when needed;
- our belief that voclosporin ophthalmic solution ("VOS") has the potential to compete in the multi-billion-dollar human prescription dry eye market;
- our intention to seek additional corporate alliances and collaborative agreements to support the commercialization and development of our products;
- our belief that the United States Patent and Trademark Office (the "USPTO") will issue a new patent covering the dosing protocol for voclosporin in LN, with a patent term extending to 2037;
- our belief that additional patents may be granted worldwide based on our filings under the Patent Cooperation Treaty ("PCT");
- our strategy to become a global biopharmaceutical company;
- our plan to conduct a confirmatory drug-drug interaction study; and
- our plan to conduct a study with pediatric patients.

Such statements reflect our current views with respect to future events and are subject to risks and uncertainties and are necessarily based on a number of estimates and assumptions that, while considered reasonable by management, as at the date of such statements, are inherently subject to significant business, economic, competitive, political, regulatory, legal, scientific and social uncertainties and contingencies, many of which, with respect to future events, are subject to change. The factors and assumptions used by management to develop such forward-looking statements include, but are not limited to:

- the assumption that we will be able to obtain approval from regulatory agencies on executable development programs with parameters that are satisfactory to us;
- the assumption that recruitment to clinical trials will occur as projected;
- the assumption that we will successfully complete our clinical programs on a timely basis, including conducting the required AURORA clinical trial and meet regulatory requirements for approval of marketing authorization applications and new drug approvals, as well as favourable product labeling;
- the assumption that the planned studies will achieve positive results;
- the assumptions regarding the costs and expenses associated with our clinical trials;
- the assumption that regulatory requirements and commitments will be maintained;
- the assumption that we will be able to meet Good Manufacturing Practice ("GMP") standards and manufacture and secure a sufficient supply of voclosporin on a timely basis to successfully complete the development and commercialization of voclosporin;
- the assumptions on the market value for the LN program;
- the assumption that our patent portfolio is sufficient and valid;
- the assumption that the USPTO will issue a new patent for its dosing protocol once applicable steps have been followed and fees paid;
- the assumption that we will be able to extend our patents to the fullest extent allowed by law, on terms most beneficial to us;
- the assumptions on the market;
- the assumption that there is a potential commercial value for other indications for voclosporin;
- the assumption that market data and reports reviewed by us are accurate;
- the assumption that another company will not create a substantial competitive product for Aurinia's LN business without violating Aurinia's intellectual property rights;
- the assumptions on the burn rate of Aurinia's cash for operations;
- the assumption that our current good relationships with our suppliers, service providers and other third parties will be maintained;
- the assumption that we will be able to attract and retain a sufficient amount of skilled staff; and/or
- the assumptions relating to the capital required to fund operations through AURORA clinical trial results and regulatory submission.

It is important to know that:

- actual results could be materially different from what we expect if known or unknown risks affect our business, or if our estimates or assumptions turn out to be inaccurate. As a result, we cannot guarantee that any forward-looking statement will materialize and, accordingly, you are cautioned not to place undue reliance on these forward-looking statements.
- forward-looking statements do not take into account the effect that transactions or non-recurring or other special items announced or occurring after the statements are made may have on our business. For example, they do not include the effect of mergers, acquisitions, other business combinations or transactions, dispositions, sales of assets, asset write-downs or other charges announced or occurring after the forward-looking statements are made. The financial impact of such transactions and non-recurring and other special items can be complex and necessarily depend on the facts particular to each of them. Accordingly, the expected impact cannot be meaningfully described in the abstract or presented in the same manner as known risks affecting our business.

The factors discussed below and other considerations discussed in the *Risk Factors* section of this MD&A could cause our actual results to differ significantly from those contained in any forward-looking statements.

Such forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause our actual results, performance, or achievements to differ materially from any assumptions, further results, performance or achievements expressed or implied by such forward-looking statements. Important factors that could cause such differences include, among other things, the following:

- the need for additional capital in the future to continue to fund our development programs and commercialization activities, and the effect of capital market conditions and other factors on capital availability;
- competition;
- difficulties, delays, or failures we may experience in the conduct of and reporting of results of our clinical trials for voclosporin;
- difficulties in meeting GMP standards and the manufacturing and securing of a sufficient supply of voclosporin on a timely basis to successfully complete the development and commercialization of voclosporin;
- difficulties, delays or failures in obtaining regulatory approvals for the initiation of clinical trials;
- difficulties in gaining alignment among the key regulatory jurisdictions, European Medicines Agency, FDA and Pharmaceutical and Medical Devices Agency, which may require further clinical activities;
- difficulties, delays or failures in obtaining regulatory approvals to market voclosporin;
- not being able to extend our patent portfolio for voclosporin;
- our patent portfolio not covering all of our proposed uses of voclosporin;
- difficulties we may experience in completing the development and commercialization of voclosporin;
- the market for the LN business may not be as we have estimated;
- insufficient acceptance of and demand for voclosporin;
- difficulties obtaining adequate reimbursements from third party payors;
- difficulties obtaining formulary acceptance;
- competitors may arise with similar products;
- product liability, patent infringement and other civil litigation;
- injunctions, court orders, regulatory and other enforcement actions;
- we may have to pay unanticipated expenses, and/or estimated costs for clinical trials or operations may be underestimated, resulting in our having to make additional expenditures to achieve our current goals;
- difficulties, restrictions, delays, or failures in obtaining appropriate reimbursement from payors for voclosporin;
- difficulties we may experience in identifying and successfully securing appropriate vendors to support the development and commercialization of our product; and/or
- uncertainty that the FDA will agree to a label that will follow the dosing protocol under the Notice of Allowance for claims directed at our novel voclosporin dosing protocol for LN (US patent application 15/835,219).

Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. These forward-looking statements are made as of the date hereof and we disclaim any intention and have no obligation or responsibility, except as required by law, to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

*For additional information on risks and uncertainties in respect of the Company and its business, please see the "Risks and Uncertainties" section of this MD&A. Although we believe that the expectations reflected in such forward-looking statements and information are reasonable, undue reliance should not be placed on forward-looking statements or information because we can give no assurance that such expectations will prove to be correct.*

*Additional information related to Aurinia, including its most recent Annual Information Form ("AIF"), is available by accessing the Canadian Securities Administrators' System for Electronic Document Analysis and Retrieval ("SEDAR") website at [www.sedar.com](http://www.sedar.com) or the U.S. Securities and Exchange Commission's ("SEC") Electronic Document Gathering and Retrieval System ("EDGAR") website at [www.sec.gov/edgar](http://www.sec.gov/edgar).*

## OVERVIEW

### THE COMPANY

Aurinia is a late clinical stage biopharmaceutical company focused on developing and commercializing therapies to treat targeted patient populations that are suffering from serious diseases with a high unmet medical need. We are currently developing voclosporin, an investigational drug, for the potential treatment of LN, DES and FSGS.

Our head office is located at #1203-4464 Markham Street, Victoria, British Columbia V8Z 7X8. Aurinia has its registered office located at #201, 17904-105 Avenue, Edmonton, Alberta T5S 2H5 where the finance function is performed.

Aurinia Pharmaceuticals Inc. is organized under the *Business Corporations Act* (Alberta). Our common shares (the "**Common Shares**") are currently listed and traded on the NASDAQ Global Market ("**NASDAQ**") under the symbol "AUPH" and on the Toronto Stock Exchange under the symbol "AUP".

We have two wholly-owned subsidiaries: Aurinia Pharma U.S., Inc., (Delaware incorporated) and Aurinia Pharma Limited (United Kingdom incorporated).

## BUSINESS OF THE COMPANY

We are currently developing voclosporin, an investigational drug, for the potential treatment of LN, DES and FSGS. Voclosporin is a next generation calcineurin inhibitor ("CNI") which has clinical data in over 2,600 patients across multiple indications. It has also been previously studied in kidney rejection following transplantation, psoriasis and in various forms of uveitis (an ocular disease).

The topical formulation of voclosporin, VOS, is an aqueous, preservative free nanomicellar solution intended for use in the treatment of DES. Studies have been completed in rabbit and dog models. A single Phase 1 study in healthy volunteers and a Phase 2a head-to-head study versus the current prescription leader have also been completed. VOS has IP formulation protection until 2031.

Legacy CNIs have demonstrated efficacy for a number of conditions, including transplant, DES and other autoimmune diseases; however, side effects exist which can limit their long-term use and tolerability. Some clinical complications of legacy CNIs include hypertension, hyperlipidemia, diabetes, and both acute and chronic nephrotoxicity.

Voclosporin is an immunosuppressant, with a synergistic and dual mechanism of action that has the potential to improve near and long-term outcomes in LN when added to mycophenolate mofetil ("MMF"), although not approved for such, the current standard of care for LN. By inhibiting calcineurin, voclosporin reduces cytokine activation and blocks interleukin IL-2 expression and T-cell mediated immune responses. Voclosporin also potentially stabilizes disease modifying podocytes, which protects against proteinuria. Voclosporin is made by a modification of a single amino acid of the cyclosporine molecule. This modification may result in a more predictable pharmacokinetic and pharmacodynamic relationship, an increase in potency, an altered metabolic profile, and easier dosing without the need for therapeutic drug monitoring. Clinical doses of voclosporin studied to date range from 13 - 70 mg administered twice a day ("BID"). The mechanism of action of voclosporin has been validated with certain first generation CNIs for the prevention of rejection in patients undergoing solid organ transplants and in several autoimmune indications, including dermatitis, keratoconjunctivitis sicca, psoriasis, rheumatoid arthritis, and for LN in Japan. We believe that voclosporin possesses pharmacologic properties with the potential to demonstrate best-in-class differentiation with first-in-class regulatory approval status for the treatment of LN outside of Japan.

Based on our Phase 2 trial, AURA-LV, we believe voclosporin has the potential to significantly improve complete renal response rates in LN versus current standard of care. Complete renal response is a required regulatory endpoint in LN as well as being extremely clinically meaningful. Our fully recruited Phase 3 trial, AURORA, will provide additional data regarding voclosporin benefit/risk in LN.

Based on published data, we believe the key potential benefits of voclosporin in the treatment of LN versus marketed CNIs are:

- increased potency compared to cyclosporine A, allowing lower dosing requirements and potentially fewer off target effects;
- limited inter and intra patient variability, allowing for easier dosing without the need for therapeutic drug monitoring;
- less cholesterolemia and triglyceridemia than cyclosporine A; and
- limited incidence of glucose intolerance and diabetes at therapeutic doses compared to tacrolimus.

Our target launch date for voclosporin as a treatment for LN is early 2021.

### LN

LN is an inflammation of the kidney caused by systemic lupus erythematosus ("SLE") and represents a serious manifestation of SLE. SLE is a chronic, complex and often disabling disorder. SLE is highly heterogeneous, affecting a wide range of organs and tissue systems. Unlike SLE, LN has straightforward disease measures (readily assessable and easily identified by specialty treaters) where an early response correlates with long-term outcomes, measured by proteinuria. In patients with LN, renal damage results in proteinuria and/or hematuria and a decrease in renal function as evidenced by reduced estimated glomerular filtration rate ("eGFR"), and increased serum creatinine levels. eGFR is assessed through the Chronic Kidney Disease Epidemiology Collaboration equation. Rapid control and reduction of proteinuria in LN patients measured at six months shows a reduction in the need for dialysis at 10 years (*Chen et al., Clin J. Am Soc Neph., 2008*). LN can be debilitating and costly and if poorly controlled, can lead to permanent and irreversible tissue damage within the kidney. Recent literature suggests severe LN progresses to end-stage renal disease ("ESRD") within 15 years of diagnosis in 10%-30% of patients, thus making LN a serious and potentially life-threatening condition. SLE patients with renal damage have a 14-fold increased risk of premature death, while SLE patients with ESRD have a greater than 60-fold increased risk of premature death. Mean annual cost for patients (both direct and indirect) with SLE (with no nephritis) have been estimated to exceed \$20,000 per patient, while the mean annual cost for patients (both direct and indirect) with LN who progress to intermittent ESRD have been estimated to exceed \$60,000 per patient (*Carls et al., JOEM., Volume 51, No. 1, January 2009*).

### DES

DES or dry eye disease or keratoconjunctivitis sicca, is characterized by irritation and inflammation that occurs when the eye's tear film is compromised by reduced tear production, imbalanced tear composition, or excessive tear evaporation. The impact of DES ranges from subtle, yet constant eye irritation to significant inflammation and scarring of the eye's surface. Discomfort and pain resulting from DES can reduce quality of life and cause difficulty reading, driving, using computers and performing daily activities. DES is a chronic disease. There are currently three FDA approved therapies for the treatment of dry eye, two of which are CNIs; however, there is opportunity for potential improvement in the effectiveness of therapies by enhancing tolerability, onset of action and alleviating the need for repetitive dosing. The disease is estimated to affect greater than 20 million people in the United States (*Market Scope, 2010 Comprehensive Report on The Global Dry Eye Products Market*).

## FSGS

FSGS is a rare disease that attacks the kidney's filtering units (glomeruli) causing serious scarring which leads to permanent kidney damage and even renal failure. FSGS is one of the leading causes of Nephrotic Syndrome ("NS") and is identified by biopsy and proteinuria. NS is a collection of signs and symptoms that indicate kidney damage, including: large amounts of protein in urine; low levels of albumin and higher than normal fat and cholesterol levels in the blood, and edema. Similar to LN, early clinical response, which can be measured by reduction of proteinuria in addition to maintaining podocyte structural and functional integrity, is thought to be critical to long-term kidney health in patients with FSGS.

FSGS is likely the most common primary glomerulopathy leading to ESRD. The incidence of FSGS and ESRD due to FSGS are increasing as time goes on. Precise estimates of incidence and prevalence are difficult to determine. According to NephCure Kidney International, more than 5,400 patients are diagnosed with FSGS every year; however, this is considered an underestimate because a limited number of biopsies are performed. The number of FSGS cases are rising more than any other cause of NS and the incidence of FSGS is increasing through disease awareness and improved diagnosis. FSGS occurs more frequently in adults than in children and is most prevalent in adults 45 years or older. FSGS is most common in people of African American and Asian descent. It has been shown that the control of proteinuria is important for long-term dialysis-free survival of these patients. Currently, there are no approved therapies for FSGS in the United States or the European Union.

## STRATEGY

Our business strategy is to optimize the clinical and commercial value of voclosporin and become a global biopharma company with a focused renal and autoimmune franchise. This includes the expansion of a potential renal franchise with additional renal indications and the exploitation of voclosporin in novel formulations for treatment of autoimmune related disorders.

We have strategically developed a plan to expand our voclosporin renal franchise to include FSGS. Additionally, we are also furthering development of VOS for the treatment of DES. The advancement of these new indications, in addition to LN, represents an expansion of our pipeline and commercial opportunities.

The key elements of our corporate strategy include:

- advancing voclosporin through the AURORA Phase 3 clinical trial with anticipated completion of this trial in the fourth quarter of 2019;
- conducting a Phase 2 proof of concept study for the additional renal indication of FSGS;
- and
- conducting a Phase 2 study of VOS for the treatment of DES.

## CLINICAL AND CORPORATE DEVELOPMENTS IN 2019

### Appointment of New CEO and Changes to the Board

On April 29, 2019, Aurinia appointed Peter Greenleaf as Chief Executive Officer and as a Director on the Aurinia Board of Directors (the "**Board**"). We also announced the elevation of George M. Milne, Jr., PhD, to Chairman of the Board. Dr. Richard M. Glickman, who previously announced his plans to retire on November 6, 2018, stepped down from his role as Chairman and CEO concurrent with Mr. Greenleaf's appointment on April 29, 2019, and will remain an advisor to Aurinia for a period of 12 months.

With more than twenty years of experience leading pharmaceutical and biotech firms, Mr. Greenleaf most recently served as the CEO of Cerecor, a leading U.S. pediatric orphan and rare disease pharmaceutical company. Prior to that, Mr. Greenleaf was the Chairman and CEO of Sucampo Pharmaceuticals which he led through the successful sale to Mallinckrodt Pharmaceuticals, PLC for \$1.2B. Previously, Mr. Greenleaf served as the CEO and Board member of Histogenics, a regenerative medicine company. Prior to that he was the President of MedImmune, Inc, the global biologics arm of AstraZeneca, and President of MedImmune Ventures, a wholly owned venture capital fund within the AstraZeneca Group, where he led investment in emerging biopharmaceutical, medical device, and diagnostic companies.

On April 30, 2019, we announced the appointment of Dr. Daniel Billen to the Aurinia Board. Dr. Billen has more than four decades of experience leading the commercialization of pharmaceutical and biotech products in North America and Europe. Prior to his retirement, Dr. Billen served as Vice President and General Manager, Inflammation and Nephrology at Amgen, from 2011 until 2018. Prior to that, Dr. Billen was General Manager, Amgen Canada, from 1991 until 2011. Dr. Billen previously served in roles of escalating responsibility at Janssen from 1979 until 1991. Dr. Billen received his Ph.D. in Chemistry from the University of Louvain, Belgium.

### Patent and Notice of Allowance

On February 25, 2019, we announced that we had received a notice of allowance (the "**Notice of Allowance**") from the USPTO for claims directed at our novel voclosporin dosing protocol for LN (US patent application 15/835,219, entitled "*PROTOCOL FOR TREATMENT OF LUPUS NEPHRITIS*").

The allowed claims broadly cover the novel voclosporin *individualized flat-dosed pharmacodynamic treatment protocol* adhered to and required in both the previously reported Phase 2 AURA-LV trial and our ongoing Phase 3 confirmatory AURORA trial. Notably, the allowed claims cover a method of modifying the dose of voclosporin in patients with LN based on patient specific pharmacodynamic parameters.



This Notice of Allowance concludes a substantive examination of the patent application at the USPTO, and after administrative processes are completed and fees are paid, is expected to result in the issuance of a US patent with a term extending to December 2037. If the FDA approves the use of voclosporin for LN and the label for such use follows the dosing protocol under the Notice of Allowance, the issuance of this patent will expand the scope of intellectual property protection for voclosporin, which already includes robust manufacturing, formulation, synthesis and composition of matter patents.

We have also filed for protection of this subject matter under the PCT and have the option of applying for similar protection in the member countries thereof. This may lead to the granting of corresponding claims in the treaty countries which include all the major global pharmaceutical markets.

On April 23, 2019, Aurinia was granted U.S. Patent No. 10,265,375 with claims directed to pharmaceutical compositions comprising a calcineurin inhibitor or mTOR inhibitor, as well as methods for treating ocular disease using such compositions. We are pleased to add this patent to Aurinia's growing intellectual property portfolio for VOS.

## DES

On January 22, 2019 we released results for our exploratory Phase 2a head-to-head study evaluating the efficacy, safety and tolerability of VOS versus Restasis® (cyclosporine ophthalmic emulsion) 0.05% for the treatment of DES. The study was initiated in July of 2018 and full enrollment was achieved in the fourth quarter of 2018. We believe CNIs are a mainstay of treatment for DES. The goal of this program is to develop a best-in class treatment option.

In this exploratory Phase 2a study:

- VOS showed statistical superiority to Restasis® on FDA-accepted objective signs of DES.
- 42.9% of VOS subjects vs 18.4% of Restasis® subjects (p=.0055) demonstrated  $\geq 10$ mm improvement in Schirmer Tear Test ("STT") at Week 4.
- Primary endpoint of drop discomfort at 1-minute on Day 1 was not met. No statistical difference between VOS and Restasis® was shown, as both exhibited low drop discomfort scores. Both drugs were well-tolerated.

On the key pre-specified secondary endpoints of STT (an objective measure of tear production), and Fluorescein Corneal Staining ("FCS") (an objective measure of structural damage to the cornea), which are FDA-accepted efficacy endpoints, VOS showed rapid and statistically significant improvements over Restasis® at Week 4 (STT: p=.0051; FCS: p=.0003).

This 100-patient, double-masked, head-to-head study was designed to evaluate the efficacy, safety and tolerability of VOS versus Restasis® in subjects with DES. Both arms of the study received either VOS or Restasis® (1:1) administered twice daily, in both eyes, for 28 days. Key pre-specified secondary endpoints, which are FDA-accepted endpoints, include STT, FCS, and assessments of dry eye symptoms. Improvements in STT and FCS are considered by regulators to be two of the most clinically meaningful measures of efficacy in this disease.

4-Week Pre-Specified Efficacy Endpoints (Signs)*	VOS	Restasis®	p-value vs. Restasis®
Schirmer Tear Test (STT) <i>(mm LS mean increase from baseline)</i>	8.6	3.3	.0051
% of subjects showing $\geq 10$ mm improvement in STT <i>(basis of FDA approval for other CNIs and an improvement is considered to be clinically significant)</i>	42.9%	18.4%	.0055
Fluorescein Corneal Staining (FCS) <i>(reduction in staining is clinically significant)</i>	-2.2	-0.2	.0003

\*worst eye

Both treatment arms also demonstrated substantial and statistically significant improvements on the Symptom Assessment in Dry Eye score from baseline to Week 4.

No serious adverse events (SAEs) were reported in the study, and there were no unexpected safety signals. All adverse events (AEs) were mild to moderate and the majority of patients had no AEs. There were five more patients with mild to moderate AEs in the VOS vs Restasis arm which were consistent with typical complaints with DES.

Based on data from this study, we plan to aggressively advance VOS for the treatment of DES. Our pursuit of further development of VOS provides the Company with an enhanced pipeline that further capitalizes on the differentiating features of voclosporin and positions us for substantial growth and measured diversification. Based upon the exploratory Phase 2a results generated with VOS in a head-to-head comparison vs. the current market leader for the treatment of DES, Aurinia plans to initiate a Phase 2/3 study by late 2019. This study will encompass certain critical regulatory requirements that the FDA has traditionally required for DES product approval. These requirements include both dose-optimization requirements along with comparisons versus the vehicle, and provide the Company with the least risk to market approval.

VOS had previously shown evidence of efficacy in our partnered canine studies and in a small human Phase 1 study (n=35), supporting its development for the treatment of DES. Completed preclinical and human Phase 1b studies using our nanomicellar VOS formulation have shown encouraging results in terms of delivery of active drug to the target tissues of the eye. The nanomicellar formulation enables high concentrations of voclosporin to be incorporated into a preservative-free solution for local delivery to the ocular surface. This unique formulation may potentially provide benefit versus the current treatments for DES. We therefore believe VOS has a differentiated product profile with long patent life that has the potential to compete in the multi-billion dollar human prescription dry eye market.

Animal safety toxicology studies were previously completed in rabbit and dog models, and additional longer-term animal safety toxicology studies are also currently being conducted.

#### **At-the-Market (ATM) facility**

On November 30, 2018, we entered into an open market sale agreement with Jefferies LLC pursuant to which Aurinia would be able to, from time to time, sell, through at-the-market ("ATM") offerings, such common shares as would have an aggregate offering amount of up to \$30 million. We filed a prospectus supplement with securities regulatory authorities in Canada in the provinces of British Columbia, Alberta and Ontario, and with the United States Securities and Exchange Commission, which supplemented Aurinia's short form base shelf prospectus dated March 26, 2018, and Aurinia's shelf registration statement on Form F-10 dated March 26, 2018, declared effective on March 29, 2018.

During the first quarter ended March 31, 2019, we sold 4.61 million Common Shares and received gross proceeds of \$30 million at a weighted average price of \$6.51 pursuant this agreement. We incurred share issue costs of \$1.17 million including a 3% commission of \$900,000 and professional and filing fees of \$270,000 directly related to the ATM offering. Sales in the ATM offering were only conducted in the United States through NASDAQ at market prices.

#### **AURORA Phase 3 Clinical Trial in LN**

We achieved a significant milestone on September 25, 2018 with the completion of enrollment for our AURORA Phase 3 clinical trial. The target enrollment of 324 patients was surpassed due to high patient demand with 358 LN patients randomized in sites across 27 countries. AURORA is a 56-week trial (52-week primary endpoint and a four-week follow-up period). As previously indicated, we expect to have top-line data for this trial in late 2019.

We believe the totality of data from both the AURORA and AURA clinical trials can potentially serve as the basis for an NDA submission with the FDA following a successful completion of the AURORA clinical trial. Under voclosporin's fast-track designation we intend to utilize a rolling NDA process which will allow us to begin the submission process following a positive pre-NDA meeting with the FDA, which we anticipate will occur in the first quarter of 2020. To that end we are actively preparing the non-clinical and chemistry, manufacturing and controls modules required for the NDA submission. Our current plan is to complete the NDA, including the clinical module, in the second quarter of 2020.

The AURORA clinical trial is a global double-blind, placebo-controlled study (designed with target enrollment of 324 patients) to evaluate whether voclosporin added to background therapy of MMF can increase overall renal response rates in the presence of low dose steroids.

Patients were randomized 1:1 to either of: (i) 23.7 mg voclosporin BID and MMF, or (ii) MMF and placebo, with both arms receiving a rapid oral corticosteroid taper. As in the AURA clinical trial, the study population in AURORA is comprised of patients with biopsy proven active LN who will be evaluated on the primary efficacy endpoint of complete remission, or renal response, at 52 weeks, a composite which includes:

- urine protein-creatinine ratio of  $\leq 0.5$  mg/mg;
- normal, stable renal function ( $\geq 60$  mL/min/1.73m<sup>2</sup> or no confirmed decrease from baseline in eGFR of  $>20\%$ );
- presence of sustained, low dose steroids ( $\leq 10$ mg prednisone from week 44-52); and
- no administration of rescue medications.

Patients completing the AURORA trial have the option to roll over into a 104-week blinded extension trial (the "AURORA 2 extension trial"). During the second quarter ended June 30, 2018, the first patients commenced rolling over into the AURORA 2 extension trial. Enrollment in this study continues to increase as additional patients complete AURORA. The data from the AURORA 2 extension trial will allow us to assess the long-term benefit/risk of voclosporin in LN patients, however, this study is not a requirement for potential regulatory approval for voclosporin. Data from the AURORA 2 extension trial assessing long-term outcomes in LN patients should be valuable in a post-marketing setting and for future interactions with various regulatory authorities.

In order to enhance and complete the clinical dossier, we commenced a confirmatory drug-drug interaction study (a "DDI study") between voclosporin and MMF in the second half of 2018. Legacy CNIs, such as cyclosporin A, impact MPA (the active moiety of MMF) concentrations, and our goal with this short study is to confirm the insignificant impact of voclosporin upon MMF concentrations that were previously seen in a renal transplant study. We are conducting the study with SLE patients and are currently in the process of enrolling patients with the study expected to be completed in 2019. In this study, patients will be monitored for a period of two weeks. We believe the results of this study will add to our knowledge of voclosporin in a multi-targeted therapeutic approach and should have no impact on our submission time-line or the potential approval of voclosporin.

We also plan to evaluate voclosporin in pediatric patients after a potential FDA approval of an indication for adults with LN.

## **New Voclosporin Indication - FSGS**

Similar to LN, integrity of the podocyte is a key feature of disease progression in FSGS. The disease has straightforward disease outcomes where an early clinical response correlates with long-term outcomes, measured by proteinuria. Based on our clinical data in LN which demonstrated that voclosporin decreased proteinuria, we believe voclosporin has the potential to benefit patients with FSGS. Our clinical data in LN demonstrated that voclosporin decreased proteinuria. Furthermore, voclosporin appears to demonstrate a more predictable pharmacology and an improved lipid and metabolic profile over legacy calcineurin inhibitors, which have shown efficacy in treating autoimmune disorders similar to those we are targeting.

We submitted our IND to the FDA in the first quarter of 2018. We received agreement from the FDA with regards to the guidance we provided on this study and the IND is now active. Our Phase 2 proof-of-concept study in FSGS, which is an open-label study of approximately 20 treatment-naive patients, was initiated in June 2018. As we are essentially enrolling newly diagnosed patients and this is a rare disease, enrollment remains slower than originally expected. We believe enrollment could take up to an additional twelve months from the current date, however, we plan to have interim data readouts throughout the course of the study once sufficient patients are enrolled. As we have been focused on LN, expanding our scope to include other proteinuric renal diseases is synergistic with our current strategy and long-term vision.

## **RESULTS OF OPERATIONS**

For the three months ended March 31, 2019, we reported a consolidated net loss of \$12.43 million or \$0.14 loss per common share, as compared to a consolidated net loss of \$15.48 million or \$0.18 loss per common share for the three months ended March 31, 2018.

We recorded a decrease in the estimated fair value of derivative warrant liabilities of \$1.73 million for the three months ended March 31, 2019 compared to an increase of \$2.63 million for the three months ended March 31, 2018.

After adjusting for the non-cash impact of the revaluation of the warrant liabilities, the net loss before change in estimated fair value of derivative warrant liabilities and income tax for the three months ended March 31, 2019 was \$14.14 million compared to \$12.85 million for the three months ended March 31, 2018. The higher net loss before the increase in estimated fair value of derivative warrant liabilities in 2019 was primarily due to an increase in research and development ("**R&D**") expenses for the three months ended March 31, 2019.

### **R&D expenses**

R&D expenses increased to \$10.63 million for the three months ended March 31, 2019 compared to \$8.89 million for the three months ended March 31, 2018.

The increase in R&D expenses primarily reflected additional costs incurred for the AURORA 2 extension trial, the DDI study, the FSGS Phase 2a study and completion activities for the DES Phase 2a study.

The most significant portion of R&D expenses related to the AURORA trial. AURORA trial costs were \$4.95 million for the three months ended March 31, 2019 compared to \$5.77 million for the three months ended March 31, 2018.

*Allocation of R&D expenses by type of expense were as follows:*

Clinical Research Organization ("**CRO**") and other third party clinical trial expenses were \$7.00 million for the three months ended March 31, 2019 compared to \$5.99 million for the three months ended March 31, 2018. The increased costs primarily reflected higher CRO costs, including service fees and pass-through costs related to the AURORA 2 extension trial, the DDI study, the Phase 2a FSGS study and completion activities for the DES Phase 2a study.

We incurred drug supply and distribution costs of \$1.15 million for the three months ended March 31, 2019 compared to \$712,000 for the three months ended March 31, 2018. Costs incurred in both 2019 and 2018 included packaging and distribution of the drug supply for the trials being conducted and manufacturing and packaging drug supply for VOS.

Salaries, annual incentive pay accruals and employee benefits (excluding non-cash stock compensation expense noted below) increased to \$1.24 million for the three months ended March 31, 2019 compared to \$1.08 million for the same period in 2018, primarily due to annual salary increases effective January 1 of each year.

We also recorded non-cash stock compensation expense of \$862,000 for the three months ended March 31, 2019 compared to \$784,000 for the three months ended March 31, 2018. See stock-based compensation expense section below for more details.

Other expenses, which included items such as travel, clinical trial insurance, patent annuity and legal fees, phone and publications increased to \$382,000 for the three months ended March 31, 2019 compared to \$321,000 for the three months ended March 31, 2018.

### **Corporate, administration and business development expenses**

Corporate, administration and business development expenses increased slightly to \$3.90 million for the three months ended March 31, 2019 compared to \$3.79 million for the three months ended March 31, 2018.

Corporate, administration and business development expenses included non-cash stock-based compensation expense of \$742,000 for the three months ended March 31, 2019 compared to \$1.33 million for the three months ended March 31, 2018. See the section on stock-based compensation expense below for more details.

Salaries, director fees, payroll accruals and employee benefits (excluding stock compensation expense noted above) were \$1.34 million for the three months ended March 31, 2019 compared to \$1.22 million for the three months ended March 31, 2018. The increases reflected an increase in payroll costs in 2019 due to the hiring of additional staff, annual salary increases, and higher director fees.

Professional and consulting fee expenses increased to \$958,000 for the three months ended March 31, 2019 compared to \$502,000 for the same period in 2018 primarily reflecting higher consulting fees in 2019, including fees for recruiting, market and payor research and finance department activities.

Rent, insurance, information technology, communications and other public company operating costs increased to \$564,000 for the three months ended March 31, 2019 compared to \$476,000 for the three months ended March 31, 2018.

Travel, tradeshow and sponsorships expenses were \$295,000 for the three months ended March 31, 2019 compared to \$263,000 for the three months ended March 31, 2018.

#### **Stock-based compensation expense**

For stock option plan information and outstanding stock option details refer to note 7(b) of the unaudited interim condensed consolidated financial statements for the three months ended March 31, 2019.

We granted 1.38 million stock options for the three months ended March 31, 2019 at a weighted average exercise price of \$6.06 compared to 2.98 million stock options at a weighted average exercise price of \$5.28 for the three months ended March 31, 2018.

Application of the fair value method resulted in charges to stock-based compensation expense of \$1.60 million for the three months ended March 31, 2019 (March 31, 2018 – \$2.11 million) with corresponding credits to contributed surplus. For the three months ended March 31, 2019, stock compensation expense has been allocated to R&D expense in the amount of \$862,000 (March 31, 2018 – \$784,000) and corporate, administration and business development expense in the amount of \$742,000 (March 31, 2018 – \$1.33 million). The decrease in stock option expense primarily reflected a reduction in the number of options granted in 2019 compared to the same period in 2018, and the reversal of the stock option expense previously recorded related to stock options forfeited in 2019 upon the resignation of our previous Vice President of Public Affairs and the modification as noted below.

Dr. Richard Glickman and Aurinia entered into a transition agreement whereby upon his retirement as Chairman of the Board and Chief Executive Officer of Aurinia, Dr. Glickman will continue to provide substantive services as an adviser to the Company for a period of 12 months commencing May 6, 2019. Management applied judgment in assessing if the services to be provided are substantive. Unvested stock options at May 6, 2019 were modified such that they will vest in equal installments over the next 12 months, subject to Dr. Glickman remaining an adviser to the Company at each of the vesting dates. The transition agreement resulted in 100,000 stock options that would have been forfeited at May 6, 2020 vesting on an accelerated timeline. Therefore, we determined that the amount expensed for such awards to date should be reversed. We recognized these 100,000 stock options as a new grant based on the fair value at the date of the transition agreement which will be expensed as they vest over the transition period.

We also revised the allocation over the remaining vesting period (on the basis of one-twelfth per month) to reflect the graded nature of the vesting over the transition period.

#### **Amortization of acquired intellectual property and other intangible assets**

Amortization of acquired intellectual property and other intangible assets was \$346,000 for the three months ended March 31, 2019 compared to \$396,000 recorded for the same period in 2018.

#### **Other expense (income)**

We recorded other income of \$745,000 for the three months ended March 31, 2019 compared to other income of \$200,000 for the three months ended March 31, 2018.

Other expense (income) included the following items:

Finance income of \$811,000 for the three months ended March 31, 2019 compared to \$240,000 for the three months ended March 31, 2018. The increase in interest income reflected increases in United States interest rates in 2019 compared to 2018. We also recorded interest expense of \$11,000 for the three months ended March 31, 2019 related to our facility lease liability as a result of adopting IFRS 16 on January 1, 2019.

Revaluation adjustments on long term contingent consideration to ILJIN SNT Co., Ltd. ("ILJIN") resulting in income of \$7,000 for the three months ended March 31, 2019 compared to an expense of \$89,000 for the three months ended March 31, 2018. The contingent consideration is more fully discussed in note 5 to the unaudited interim condensed consolidated financial statements for the three months ended March 31, 2019.

Foreign exchange loss of \$62,000 for the three months ended March 31, 2019 compared to a foreign exchange gain of \$49,000 for the three months ended March 31, 2018.

## Change in estimated fair value of derivative warrant liabilities

We recorded a non-cash decrease in estimated fair value of derivative warrant liabilities of \$1.73 million for the three months ended March 31, 2019 compared to a non-cash increase of \$2.63 million for the three months ended March 31, 2018. These revaluations fluctuate based primarily on the market price of our Common Shares. Derivative warrant liabilities are more fully discussed in the section *Critical estimates in applying the Company's accounting policies* and note 6 (Derivative Warrant Liabilities) to the unaudited interim condensed consolidated financial statements for the three months ended March 31, 2019.

In accordance with IFRS, a contract to issue a variable number of shares fails to meet the definition of equity and must instead be classified as a derivative liability and measured at fair value with changes in fair value recognized in the consolidated statements of operations and comprehensive loss at each period-end. To clarify, while we will settle these warrants only in shares in the future, accounting rules require that we show a liability because of the potential variability in the number of shares which may be issued if the cashless exercise option is used by the holder of the warrants under the specific situations discussed below.

The derivative warrant liabilities will ultimately be eliminated on the exercise or forfeiture of the warrants and will not result in any cash outlay by the Company.

### Derivative warrant liability related to December 31, 2016 bought deal public offering

On December 28, 2016, we completed a \$28.75 million bought deal public offering (the "**December Offering**"). Under the terms of the December Offering, we issued 12.78 million units at a subscription price per unit of \$2.25, each unit consisting of one common share and one-half (0.50) of a common share purchase warrant (a "**Warrant**"), exercisable for a period of five years from the date of issuance at an exercise price of \$3.00. Therefore, we issued 6.39 million Warrants. The holders of the Warrants issued pursuant to the December Offering may elect, if we do not have an effective registration statement registering the Common Shares underlying the Warrants, or the prospectus contained therein is not available for the issuance of the Common Shares underlying the Warrants to the holder, in lieu of exercising the Warrants for cash, a cashless exercise option to receive Common Shares equal to the fair value of the Warrants. This calculation is based on the number of Warrants to be exercised multiplied by the weighted average market price less the exercise price with the difference divided by the weighted average market price. If a Warrant holder exercises this option, there will be variability in the number of shares issued per Warrant. There can be no certainty that we will have an effective registration statement in place over the entire life of the Warrants and therefore, under IFRS we are required to record these Warrants as derivative warrant liabilities.

There were no warrant exercises for the three months ended March 31, 2019 related to these warrants.

At March 31, 2019, there were 3.52 million of the December 28, 2016 Warrants outstanding at an exercise price of \$3.00.

### Derivative warrant liability related to February 14, 2014 private placement offering

On February 14, 2014, we completed a \$52 million private placement (the "**Private Placement**"). Under the terms of the Private Placement, we issued 18.92 million units at a subscription price per unit of \$2.7485, each unit consisting of one common share and one-quarter (0.25) of a common share purchase warrant (the "**2014 Warrants**"), exercisable for a period of five years from the date of issuance at an exercise price of \$3.2204. The holders of the 2014 Warrants issued pursuant to the Private Placement may elect, in lieu of exercising the 2014 Warrants for cash, a cashless exercise option to receive Common Shares equal to the fair value of the 2014 Warrants based on the number of 2014 Warrants to be exercised multiplied by a five-day weighted average market price less the exercise price with the difference divided by the weighted average market price. If a 2014 Warrant holder exercises this option, there will be variability in the number of shares issued per Warrant.

During the three months ended March 31, 2019, the 1.74 million 2014 Warrants outstanding at December 31, 2018 were exercised. Certain holders of the 2014 Warrants elected the cashless exercise option and as a result we issued 687,000 Common Shares upon the cashless exercise of 1.27 million 2014 Warrants. The remaining 464,000 warrants were exercised for cash, at a price of \$3.2204 per common share, and as a result we received cash proceeds of \$1.49 million upon the issuance of 464,000 Common Shares. Pursuant to the exercise of the 2014 Warrants, we transferred \$5.92 million from derivative warrant liability to equity (Common Shares) and recorded an adjustment of \$352,000 through the statement of operations and comprehensive loss related to the change in estimated fair value of derivative warrant liabilities for the three months ended March 31, 2019. As a result, the derivative warrant liability related to the February 14, 2014 private placement offering was extinguished upon the exercise of the aforementioned warrants.

## LIQUIDITY AND CAPITAL RESOURCES

As at March 31, 2019, we had cash, cash equivalents, and short term investments on hand of \$144.33 million compared to \$125.86 million at December 31, 2018.

The increase in our cash position primarily reflected the receipt of net proceeds of \$28.83 million from ATM offerings of common shares (as discussed in the *Clinical and Corporate Developments in 2019* section).

We are in the development stage and are devoting the majority of our operational efforts and financial resources towards the clinical development and potential commercialization of our late stage drug, voclosporin, which includes the completion of the AURORA trial. For the three months ended March 31, 2019, we reported a net loss of \$12.43 million for the period and a cash outflow from operating activities of \$13.15 million. As at March 31, 2019, we had an accumulated deficit of \$428.39 million.

We believe that our cash position is sufficient to fund our existing LN program, our ongoing Phase 2a study in FSGS, commence further studies for DES, and fund supporting operations until approximately mid-2020.

More specifically, our cash position provides funding to finish the AURORA trial with estimated costs to complete of approximately \$17 million and complete the regulatory NDA submission with the FDA in early 2020 based on our current expected time-lines. We are also conducting the AURORA 2 extension trial which will be completed by the end of 2021 with estimated costs left to be incurred of approximately \$24 million. In addition, our cash will allow us to conduct our current FSGS study, complete the current DDI study, commence further studies for DES while also funding our corporate, administration and business development activities and working capital needs during this period.

#### Sources and Uses of Cash:

	Three months ended March 31, 2019 (in thousands)	Three months ended March 31, 2018 (in thousands)	Increase (Decrease) (in thousands)
	\$	\$	\$
Cash used in operating activities	(13,149)	(14,380)	1,231
Cash generated from (used in) investing activities	3,890	(20,022)	23,912
Cash generated from financing activities	31,651	—	31,651
<b>Net increase (decrease) in cash and cash equivalents</b>	<b>22,392</b>	<b>(34,402)</b>	<b>56,794</b>

Cash used in operating activities for the three months ended March 31, 2019 was \$13.15 million, compared to cash used in operating activities of \$14.38 million for the same period in 2018. Cash used in operating activities was composed of net loss, add-backs or adjustments not involving cash, such as stock-based compensation and change in estimated fair value of derivative warrant liabilities and net change in other operating assets and liabilities including prepaid expenses, deposits and other and accounts payable and accrued liabilities.

Cash generated from investing activities for the three months ended March 31, 2019 was \$3.89 million compared to cash used in investing activities of \$20.02 million for the three months ended March 31, 2018. The change in these amounts primarily related to movements within our short term investment portfolio which was comprised of bonds and treasury notes.

Cash generated from financing activities for the three months ended March 31, 2019 was \$31.65 million compared to cash generated from financing activities of \$Nil for the three months ended March 31, 2018. We received net proceeds of \$28.83 million from the ATM discussed above, \$1.49 million from the exercise of derivative warrants and \$1.35 million from the exercise of stock options for the three months ended March 31, 2019.

#### Use of Financing Proceeds

##### ATM offerings of \$28.83 million completed in First quarter ended March 31, 2019 (as discussed above)

##### March 20, 2017 Offering

On March 20, 2017, we completed an underwritten public offering of 25.64 million Common Shares, which included 3.35 million Common Shares issued pursuant to the full exercise of the underwriters' overallotment option to purchase additional Common Shares, for net proceeds of \$162.32 million, which are to be used for R&D activities and for working capital and corporate purposes.

A summary of the anticipated and actual use of net proceeds used to date from the above financings is set out in the table below.

Allocation of net proceeds	Total net proceeds from financings (in thousands)	Net proceeds used to date (in thousands)
	\$	\$
<b>March 20, 2017 Offering:</b>		
R&D activities	123,400	56,814
Working capital and corporate purposes	38,924	9,328
Subtotal:	162,324	66,142
<b>2019 ATM offerings</b>	28,830	—
<b>Total:</b>	<b>191,154</b>	<b>66,142</b>

To March 31, 2019, there have been no material variances from how we disclosed we were going to use the proceeds from the above noted offerings and thus, no material impact on the ability to achieve our business objectives and milestones.

## CONTRACTUAL OBLIGATIONS

We have the following contractual obligations as at March 31, 2019:

	Total (in thousands)	Less than one year (in thousands)	One to three years (in thousands)	Four to five years (in thousands)	More than five years (in thousands)
	\$	\$	\$	\$	\$
Lease liability	421	106	315	—	—
Lease obligations	304	103	186	15	—
Purchase obligations <sup>(2)</sup>	18,127	17,370	749	8	—
Accounts payable and accrued liabilities	6,200	6,200	—	—	—
Contingent consideration to ILJIN <sup>(3)</sup>	4,021	72	3,568	381	—
<b>Total</b>	<b>29,073</b>	<b>23,851</b>	<b>4,818</b>	<b>404</b>	<b>—</b>

(1) Lease obligations consist of short-term facility lease and variable lease payments.

(2) We have entered into contractual obligations for services and materials required for the AURORA clinical trial, drug supply and other R&D projects activities. The purchase obligations presented represent the minimum amount to exit our contractual commitments.

(3) Contingent consideration to ILJIN is described in note 5 to the unaudited interim condensed financial statements for the three months ended March 31, 2019.

As at March 31, 2019, we are also party to agreements with CROs and a central laboratory, and other third party service providers providing services to us for our clinical trials and studies, and other research and development activities. Corresponding anticipated expenses, excluding purchase obligations noted above, are estimated to be in the range of \$25-\$30 million over the next twelve months.

## RELATED PARTY TRANSACTIONS

Stephen P. Robertson, a partner at Borden Ladner Gervais ("**BLG**") acts as our corporate secretary. We incurred legal fees in the normal course of business to BLG of \$68,000 for the three months ended March 31, 2019 compared to \$61,000 for the three months ended March 31, 2018. The amount charged by BLG is based on standard hourly billing rates for the individuals working on our account. We have no ongoing contractual or other commitments as a result of engaging Mr. Robertson to act as our corporate secretary. Mr. Robertson receives no additional compensation for acting as the corporate secretary beyond his standard hourly billing rate.

The outstanding fair value of contingent consideration payable to ILJIN, an affiliated shareholder and related party, is the result of an Arrangement Agreement (the "**ILJIN Agreement**") completed on September 20, 2013 between the Company, Aurinia Pharma Corp. and ILJIN.

Pursuant to the terms of the ILJIN Agreement, \$10 million in contingent consideration would potentially be owed to ILJIN based on the achievement of future pre-defined clinical and marketing milestones. During 2017, we paid to ILJIN \$2.15 million of the \$10 million upon the achievement of two specific milestones pursuant to this contingent consideration. As such, at March 31, 2019, there is \$7.85 million of contingent consideration milestones remaining which we may pay out in the future dependent upon the achievement of the specific pre-defined milestones being met.

The contingent consideration payable to ILJIN is more fully discussed in note 5 of the unaudited interim condensed consolidated financial statements for the three months ended March 31, 2019.

## OFF-BALANCE SHEET ARRANGEMENTS

Other than as described in the *Contractual Obligations* and *Contingencies* sections of this MD&A, there are no material undisclosed off-balance sheet arrangements that have or are reasonably likely to have, a current or future effect on our results of operations or financial condition.

## CRITICAL ACCOUNTING ESTIMATES AND JUDGMENTS

The preparation of consolidated financial statements in accordance with IFRS often requires management to make estimates about, and apply assumptions or subjective judgment to, future events and other matters that affect the reported amounts of our assets, liabilities, revenues, expenses and related disclosures. Assumptions, estimates and judgments are based on historical experience, expectations, current trends and other factors that management believes to be relevant at the time at which our consolidated financial statements are prepared. Management reviews, on a regular basis, our accounting policies, assumptions, estimates and judgments in order to ensure the consolidated financial statements are presented fairly and in accordance with IFRS.

Critical accounting estimates and judgments are those that have a significant risk of causing material adjustment and are often applied to matters or outcomes that are inherently uncertain and subject to change. As such, management cautions that future events often vary from forecasts and expectations and that estimates routinely require adjustment.

Management considers the following areas to be those where critical accounting policies affect the significant judgments and estimates used in the preparation of our consolidated financial statements.

#### Critical estimates in applying Aurinia's accounting policies

- **Contingent consideration**

Contingent consideration is a financial liability recorded at fair value. The amount of contingent consideration to be paid is based on the occurrence of future events, such as the achievement of certain development, regulatory and sales milestones. Accordingly, the estimate of fair value contains uncertainties as it involves judgment about the likelihood and timing of achieving these milestones as well as the discount rate used. Changes in fair value of the contingent consideration obligation result from changes to the assumptions used to estimate the probability of success for each milestone, the anticipated timing of achieving the milestones and the discount period and rate to be applied. A change in any of these assumptions could produce a different fair value, which could have a material impact on the results from operations.

The fair value estimates at March 31, 2019 were based on a discount rate of 10% (March 31, 2018 - 10%) and a presumed payment range between 50% and 74% (2018- 50% and 75%). The fair value of this contingent consideration as at March 31, 2019 was estimated to be \$4.02 million (March 31, 2018 - \$3.88 million) and was determined by estimating the probability and timing of achieving the milestones and applying the income approach.

The change in expected timing of milestone payments and passage of time, on revaluation, resulted in a decrease in contingent consideration of \$7,000 for the three months ended March 31, 2019 compared to an increase in contingent consideration of \$89,000 for the three months ended March 31, 2018.

This is a Level 3 recurring fair value measurement. If the probability for success were to increase by a factor of 10% for each milestone, this would increase the net present value ("NPV") of the obligation by approximately \$617,000 as at March 31, 2019. If the probability for success were to decrease by a factor of 10% for each milestone, this would decrease the NPV of the obligation by approximately \$617,000 as at March 31, 2019. If the discount rate were to increase to 12%, this would decrease the NPV of the obligation by approximately \$173,000. If the discount rate were to decrease to 8%, this would increase the NPV of the obligation by approximately \$185,000.

- **Derivative warrant liabilities**

Warrants issued pursuant to equity offerings that are potentially exercisable in cash or on a cashless basis resulting in a variable number of shares being issued are considered derivative liabilities and therefore measured at fair value.

We use the Black-Scholes pricing model to estimate fair value at each exercise and period end date. The key assumptions used in the model are the expected future volatility in the price of our shares and the expected life of the warrants. The impact of changes in key assumptions are noted below.

These derivative warrant liabilities are Level 3 recurring fair value measurements.

The key Level 3 inputs used by management to estimate the fair value are the market price and the expected volatility. If the market price were to increase by a factor of 10%, this would increase the estimated fair value of the obligation by approximately \$2.12 million as at March 31, 2019. If the market price were to decrease by a factor of 10%, this would decrease the estimated fair value of the obligation by approximately \$2.08 million. If the volatility were to increase by 10%, this would increase the estimated fair value of the obligation by approximately \$316,000. If the volatility were to decrease by 10%, this would decrease estimated fair value of the obligation by approximately \$294,000 as at March 31, 2019.

- **Fair value of stock options**

Determining the fair value of stock options on the grant date requires judgment related to the choice of a pricing model, the estimation of stock price volatility and the expected term of the underlying instruments. Any changes in the estimates or inputs utilized to determine fair value could result in a significant impact on our reported operating results, liabilities or other components of shareholders' equity. The key assumptions used by management is the stock price volatility.

If the stock price volatility was higher by a factor of 10% on the option grant dates for the three months ended March 31, 2019, this would have increased annual stock compensation expense by approximately \$70,000. If the stock price volatility was lower by a factor of 10% on the grant date, this would have decreased annual stock compensation expense by approximately \$72,000.

We used the Black-Scholes option pricing model to estimate the fair value of the options granted for the three months ended March 31, 2019 and 2018.

We consider historical volatility of our Common Shares in estimating its future stock price volatility. The risk-free interest rate for the expected life of the options was based on the yield available on government benchmark bonds with an approximate equivalent remaining term at the time of the grant. The expected life is based upon the contractual term, taking into account expected employee exercise and expected post-vesting employment termination behavior.



## Critical judgments in applying Aurinia's accounting policies

- **Revenue recognition**

Our assessments related to the recognition of revenues for arrangements containing multiple elements are based on estimates and assumptions. Judgment is necessary to identify separate performance obligations and to allocate related consideration to each separate performance obligation. Where deferral of license fees is deemed appropriate, subsequent revenue recognition is often determined based on certain assumptions and estimates, our continuing involvement in the arrangement, the benefits expected to be derived by the customer and expected patent lives. The estimate of variable consideration requires significant judgment and an assessment of their potential reversal. We also use judgment in assessing if a license is a right to use or a right to access intellectual property. Factors that are considered include whether the customer reasonably expects (arising from the entity's customary business practices) that the entity will undertake activities that will significantly affect the intellectual property, the rights granted by the license directly expose the customer to any positive or negative effects of the entity's activities and whether those activities transfer a separate good or service to the customer. To the extent that any of the key assumptions or estimates change, future operating results could be affected.

- **Impairment of intangible assets**

We follow the guidance of IAS 36 to determine when impairment indicators exist for its intangible assets. When impairment indicators exist, we are required to make a formal estimate of the recoverable amount of its intangible assets. This determination requires significant judgment. In making this judgment, management evaluates external and internal factors, such as significant adverse changes in the technological, market, economic or legal environment in which we operate as well as the results of our ongoing development programs. Management also considers the carrying amount of our net assets in relation to our market capitalization as a key indicator. In making a judgment as to whether impairment indicators exist as at March 31, 2019, management concluded there were none.

- **Derivative warrant liabilities**

Management has determined that derivative warrant liabilities are classified as long term as these derivative warrant liabilities will ultimately be settled for Common Shares and therefore the classification is not relevant.

## RECENT CHANGE IN ACCOUNTING STANDARDS

### New Accounting Standard Adopted During the Period

#### *IFRS 16—Leases*

We adopted IFRS 16 —Leases ("IFRS 16") with the date of initial application of January 1, 2019 using the modified retrospective. In accordance with the transitional provisions in IFRS 16 comparative figures have not been restated, rather the reclassifications and adjustments arising from the adoption of this standard are recognized in the opening Statement of Financial Position on January 1, 2019. The impact of adoption of IFRS 16 is disclosed in Note 13 to the unaudited interim consolidated financial statements.

The following policies are applicable from January 1, 2019. In the comparative period, leases were accounted for in accordance with the accounting policy for leases disclosed in our December 31, 2018 annual audited consolidated financial statements.

#### *Policy applicable from January 1, 2019:*

At inception of a contract, we assess whether a contract is, or contains, a lease. A contract contains a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

We assess whether:

- the contract involves the use of an explicitly or implicitly identified asset;
- the Company has the right to obtain substantially all of the economic benefits from the use of the asset throughout the contract term;
- the Company has the right to direct the use of the asset.

We recognize a right-of-use asset and a lease liability at the commencement date of the lease, the date the underlying asset is available for use. Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any remeasurement of lease liabilities. The cost of right-of-use assets includes the initial amount of lease liabilities recognized, initial direct costs incurred, restoration costs and lease payments made at or before the commencement date less any lease incentive received, if any.

Unless we are reasonably certain to obtain ownership of the leased asset at the end of the lease term, the right-of-use assets are depreciated on a straight-line basis over the shorter of the estimated useful life and the lease term. Right-of-use assets are subject to impairment.

At the commencement date of the lease, we recognize lease liabilities measured at the present value of lease payments to be made over the lease term, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, our incremental borrowing rate. The lease payments include fixed payments, variable lease payments that depend on an index or a rate, amounts expected to be paid under residual value guarantees and the exercise price of a purchase option reasonably certain to be exercised by us.

After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a modification, a change in the lease term, a change in the fixed lease payments or a change in the assessment to purchase the underlying asset.

We present right-of-use assets in the property and equipment line and lease liabilities in the lease liability line on the interim condensed statement of financial position.

#### *Short-term leases and leases of low value assets*

We have elected to use the practical expedient permitted by the standard and not to recognize right-of-use assets and lease liabilities for leases that have a lease term of 12 months or less and do not contain a purchase option or for leases related to low value assets. Lease payments on short-term leases and leases of low value assets are recognized as an expense in the interim condensed statement of operations and comprehensive loss.

#### *Critical Judgments in determining the lease term*

In determining the lease term, management considers all facts and circumstances that create economic incentive to exercise an extension option, or not exercise a termination option. Extension options (or periods after termination options) are only included in the lease term if the lease is reasonably certain to be extended (or not terminated).

## **RISKS AND UNCERTAINTIES**

We have invested a significant portion of our time and financial resources in the development of voclosporin. We anticipate that our ability to generate revenues and meet expectations will depend primarily on the successful development, regulatory approval and commercialization of voclosporin.

The successful development and commercialization of voclosporin will depend on several factors, including the following:

- successful and timely completion of our clinical program in LN, including the AURORA trial which is anticipated to be completed in late 2019;
- receipt of marketing approvals from the FDA and other regulatory authorities with a commercially viable label;
- securing and maintaining sufficient expertise and resources to help in the continuing development and eventual commercialization of voclosporin;
- maintaining suitable manufacturing and supply arrangements to ensure commercial quantities of the product through validated processes;
- acceptance and adoption of the product by the medical community and third-party payers; and
- our ability to raise future financial resources when required. Future additional sources of capital could include payments from equity financings, debt financings, potential new licensing partners, and/or the monetization of our intangible assets.

A more detailed list of the risks and uncertainties affecting us can be found in our AIF which is filed on SEDAR and EDGAR.

### **Capital management**

Our objective in managing capital, consisting of shareholders' equity, with cash, cash equivalents and short term investments being its primary components, is to ensure sufficient liquidity to fund R&D activities, corporate, administration and business development expenses and working capital requirements. This objective has remained the same from that of the previous year.

Over the past two years, we have raised capital via a public offering, the exercise of warrants and stock options and draw-downs under our November 30, 2018 ATM facility, as our primary sources of liquidity.

As our policy is to retain cash to keep funds available to finance the activities required to advance our product development, we do not currently pay dividends.

We are not subject to any capital requirements imposed by any regulators or by any other external source.

### **Financial instruments and Risks**

We are exposed to credit risks and market risks related to changes in interest rates and foreign currency exchange, each of which could affect the value of our current assets and liabilities.

We invest our cash reserves in US dollar denominated, fixed rate, highly liquid and highly rated financial instruments such as treasury notes, banker acceptances, bank bonds, and term deposits. We do not believe that the results of operations or cash flows would be affected to any significant degree by a sudden change in market interest rates relative to our investment portfolio, as the majority of our funds were held in cash or cash equivalents (\$140.36 million at March 31, 2019). We also held \$3.98 million in a short term investment which matures in June of 2019.

## Financial risk factors

Our activities can expose us to a variety of financial risks: market risk (including currency risk, interest rate risk and other price risk), credit risk and liquidity risk. Risk management is carried out by management under policies approved by the Board of Directors. Management identifies and evaluates the financial risks. Our overall risk management program seeks to minimize adverse effects on our financial performance.

### Liquidity risk

Liquidity risk is the risk we will not be able to meet our financial obligations as they fall due. We manage our liquidity risk through the management of our capital structure and financial leverage, as discussed above in *Capital Management*. We also manage liquidity risk by continuously monitoring actual and projected cash flows. The Board reviews and approves our budget, as well as any material transactions out of the ordinary course of business. We invest our cash equivalents in US denominated term deposits with 30 to 90-day maturities, and US denominated short term investments consisting of bonds and treasury notes issued by banks and/or United States or Canadian governments with maturities not exceeding two years to ensure our liquidity needs are met.

All of our financial liabilities are due within one year except for the contingent consideration, as described in note 5 to the unaudited interim condensed consolidated financial statements for the three months ended March 31, 2019 and the derivative warrant liability, as described in note 6 to the unaudited interim condensed consolidated financial statements for the three months ended March 31, 2019, and the lease liability as described in note 13 to the unaudited interim consolidated financial statements for the three months ended March 31, 2019.

### Interest rate risk

Interest rate risk is the risk the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates.

Financial assets and financial liabilities with variable interest rates expose us to cash flow interest rate risk. Our cash and cash equivalents are comprised of highly liquid investments that earn interest at market rates and the short term investments are comprised of bank or government bonds with a maturity of two years or less. Accounts receivable, accounts payable and accrued liabilities bear no interest.

We manage our interest rate risk by maintaining the liquidity necessary to conduct operations on a day-to-day basis. Our exposure to interest rate risk as at March 31, 2019 was considered minimal as the majority of our financial resources were held as cash and cash equivalents.

### Credit risk

Financial instruments that potentially subject us to significant concentrations of credit risk consist principally of cash, cash equivalents and short term investments which were held at three major Canadian banks. We regularly monitor the credit risk exposure and take steps to mitigate the likelihood of these exposures resulting in expected loss.

### Foreign currency risk

We are exposed to financial risk related to the fluctuation of foreign currency exchange rates. Foreign currency risk is the risk variations in exchange rates between the US dollars and foreign currencies, primarily with the Canadian dollar, will affect our operating and financial results.

The following table presents our exposure to the Canadian dollar:

	(in thousands)	
	March 31, 2019 \$	March 31, 2018 \$
Cash and cash equivalents	422	53
Accounts receivable	22	16
Accounts payable and accrued liabilities	(1,066)	(820)
Net exposure	<u>(622)</u>	<u>(751)</u>
	Reporting date rate	
	March 31, 2019 \$	March 31, 2018 \$
CAS – US\$	<u>0.748</u>	<u>0.776</u>

Based on our foreign currency exposure noted above, varying the foreign exchange rates to reflect a ten percent strengthening of the CAS\$ would have increased the net loss by \$62,000 assuming all other variables remained constant. An assumed 10% weakening of the CAS\$ would have had an equal but opposite effect to the amounts shown above, on the basis all other variables remain constant.

## Intellectual Property

Patents and other proprietary rights are essential to our business. Our policy has been to file patent applications to protect technology, inventions, and improvements to our inventions that are considered important to the development of our business. We are pursuing certain avenues to expand

the voclosporin intellectual property portfolio, including a use patent strategy (which involves potential development of use patents driven by AURA Phase 2b data) and a potential manufacturing patent and trade secret strategy.

The Company has an extensive granted patent portfolio related to cyclosporine analogs, including granted United States patents, covering voclosporin composition of matter, methods of use, formulations and synthesis. The corresponding Canadian, South African and Israeli patents are owned by Paladin Labs Inc. We anticipate that upon regulatory approval, patent protection for voclosporin will be extended in the United States (Patent Term Extension) and certain other major markets, including Europe and Japan, until at least October 2027 under the Hatch-Waxman Act in the United States and comparable patent extension laws in other countries (including the Supplementary Protection Certificate program in Europe). Opportunities may also be available to add an additional six months of exclusivity related to pediatric studies which are currently in the planning process. In addition to patent rights, we also expect to receive "new chemical entity" exclusivity for voclosporin in certain countries, which provides from five years in the United States and up to ten years in Europe.

Further, pursuant to a Notice of Allowance from the USPTO for claims directed at our novel voclosporin dosing protocol for LN as more fully discussed in the *Clinical and Corporate Developments in 2019* section of this MD&A, after administrative processes are completed and fees are paid, we expect the issuance of a US patent with a term extending to December 2037. If the FDA approves the use of voclosporin for LN and the label for such use follows the dosing protocol under the Notice of Allowance, the issuance of this patent will expand the scope of intellectual property protection for voclosporin, which already includes robust manufacturing, formulation, synthesis and composition of matter patents. We have also filed for protection of this subject matter under the PCT and have the option of applying for similar protection in the member countries thereof. This may lead to the granting of corresponding claims in the treaty countries which include all the major global pharmaceutical markets.

We have licensed the development and distribution rights to voclosporin for China, Hong Kong and Taiwan to 3SBio. This license is royalty bearing and we will also supply finished product to 3SBio on a cost-plus basis. We do not expect to receive any royalty revenue pursuant to this license in the foreseeable future.

We have patent protection for VOS as we own three granted United States patents and 14 patents in other jurisdictions related to ophthalmic formulations of calcineurin inhibitors or mTOR inhibitors, including voclosporin. We also have one granted United States patent and 10 patents in other jurisdictions related to topical drug delivery system for ophthalmic use. These patents expire between 2028 and 2031.

## CONTINGENCIES

We may, from time to time, be subject to claims and legal proceedings brought against us in the normal course of business. Such matters are subject to many uncertainties. Management believes that the ultimate resolution of such contingencies will not have a material adverse effect on our consolidated financial position.

We have entered into indemnification agreements with our officers and directors. The maximum potential amount of future payments required under these indemnification agreements is unlimited. However, we do maintain liability insurance to limit our exposure.

We have entered into an agreement dated February 14, 2014 whereby we are required to pay a third party a royalty equivalent to 2% of royalties received on the sale of voclosporin by licensees and/or 0.3% of net sales of voclosporin sold directly by the Company. Should we sell substantially all of the assets of voclosporin to a third party or transfer those assets to another party in a merger in a manner such that this payment obligation is no longer operative, then we would be required to pay 0.3% of the value attributable to voclosporin in the transaction.

We have entered into license and research and development agreements with third parties that include indemnification and obligation provisions that are customary in the industry. These guarantees generally require us to compensate the other party for certain damages and costs incurred as a result of third party claims or damages arising from these transactions. These provisions may survive termination of the underlying agreement. The nature of the obligations prevents us from making a reasonable estimate of the maximum potential amount we could be required to pay. Historically, we have not made any payments under such agreements and no amount has been accrued in the accompanying unaudited interim condensed consolidated financial statements.

## DISCLOSURE CONTROLS AND PROCEDURES AND INTERNAL CONTROL OVER FINANCIAL REPORTING

Aurinia's management is responsible for establishing and maintaining adequate internal control over financial reporting ("**ICFR**") and disclosure controls and procedures ("**DC&P**").

ICFR is a framework designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with IFRS. Management has used the Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) in order to assess the effectiveness of the Company's ICFR.

DC&P form a broader framework designed to provide reasonable assurance the information required to be disclosed by Aurinia in its annual and interim filings and other reports filed under securities legislation is recorded, processed, summarized and reported within the time frame specified in securities legislation and includes controls and procedures designed to ensure that information required to be disclosed by Aurinia

in its annual and interim filings and other reports submitted under securities legislation is accumulated and communicated to our management to allow timely decisions regarding required disclosure.

Together, the ICFR and DC&P frameworks provide internal control over financial reporting and disclosure. We maintain disclosure controls and procedures that are designed to provide reasonable assurance that information, which is required to be disclosed in our annual and interim filings and other reports filed under securities legislation, is accumulated and communicated in a timely fashion. Due to their inherent limitations, Aurinia acknowledges that, no matter how well designed, ICFR and DC&P can provide only reasonable assurance of achieving the desired control objectives and as such may not prevent or detect all misstatements. Further, the effectiveness of ICFR is subject to the risk that controls may become inadequate because of changes in conditions or that the degree of compliance with policies or procedures may change.

There have been no significant changes to our disclosure controls nor to our internal controls over financial reporting for the three months ended March 31, 2019 that have materially affected, or are reasonably likely to materially affect, the reliability of financial reporting.

## UPDATED SHARE INFORMATION

As at May 9, 2019, the following class of shares and equity securities potentially convertible into Common Shares were outstanding:

	(in thousands)
Common shares	91,793
Convertible equity securities	
Derivative liability warrants	3,523
Stock options	9,903

Subsequent to March 31, 2019, the Company issued 147,000 common shares upon the exercise of 147,000 stock options for proceeds of \$464,000. The Company also issued 1.71 million stock options to new employees at a weighted average exercise price of \$6.29 (CA \$8.46) which includes 1.6 million stock options granted to the new Chief Executive Officer.

## SUPPLEMENTAL INFORMATION

### Quarterly Information

(expressed in thousands except per share data)

Set forth below is selected unaudited consolidated financial data for each of the last eight quarters:

	Three months ended							
	2019		2018			2017		
	Mar 31	Dec 31	Sept 30	Jun 30	Mar 31	Dec 31	Sept 30	Jun 30
<b>Revenues</b>	<b>30</b>	<b>29</b>	<b>375</b>	<b>29</b>	<b>30</b>	<b>30</b>	<b>29</b>	<b>329</b>
Expenses:								
R&D	10,631	10,839	11,152	10,504	8,887	8,691	10,807	7,107
Corporate, administration and business development	3,901	3,498	2,923	3,462	3,791	3,118	2,650	2,901
Amortization of tangible and intangible assets	383	355	408	403	399	361	362	370
Other expense (income)	(745)	(736)	(563)	(566)	(200)	196	(315)	(152)
<b>Total expenses</b>	<b>14,170</b>	<b>13,956</b>	<b>13,920</b>	<b>13,803</b>	<b>12,877</b>	<b>12,366</b>	<b>13,504</b>	<b>10,226</b>
Net loss before change in estimated fair value of derivative warrant liabilities	(14,140)	(13,927)	(13,545)	(13,774)	(12,847)	(12,336)	(13,475)	(9,897)
Change in estimated fair value of derivative warrant liabilities	1,725	(593)	(4,797)	(1,933)	(2,631)	9,004	355	7,498
Income tax expense	(13)	(73)	—	—	—	—	—	—
<b>Net loss for the period</b>	<b>(12,428)</b>	<b>(14,593)</b>	<b>(18,342)</b>	<b>(15,707)</b>	<b>(15,478)</b>	<b>(3,332)</b>	<b>(13,120)</b>	<b>(2,399)</b>
<b>Per Common Share (\$)</b>								
Net loss per common share - basic and diluted	(0.14)	(0.17)	(0.21)	(0.19)	(0.18)	(0.04)	(0.16)	(0.03)
Common shares outstanding	91,646	85,500	85,323	85,321	84,052	84,052	83,973	83,485
Weighted average number of common shares outstanding	90,146	85,384	85,321	84,350	84,052	84,038	83,608	82,973

## Summary of Quarterly Results

The primary factors affecting the magnitude of our losses in the various quarters are noted below and include the timing of R&D costs associated with the clinical development program, timing and amount of stock compensation expense, and fluctuations in the non-cash change in estimated fair value of derivative warrant liabilities.

The increase in R&D costs for the quarters ended March 31, 2019, December 31, 2018, September 30, 2018 and June 30, 2018 was primarily due to costs for the AURORA 2 extension trial, the Phase 2 DES and FSGS studies and the DDI study.

Corporate, administration and business development costs included non-cash stock-based compensation expense of \$742,000 for the three months ended March 31, 2019, \$686,000 for the three months ended December 31, 2018, \$887,000 for the three months ended September 30, 2018, \$1.26 million for the three months ended June 30, 2018, \$1.33 million for the three months ended March 31, 2018, \$656,000 for the three months ended December 31, 2017, \$795,000 for the three months ended September 30, 2017, and \$718,000 for the three months ended June 30, 2017.

We record non-cash adjustments each quarter resulting from the fair value revaluation of the derivative warrant liabilities. These revaluations fluctuate based primarily on the market price of our Common Shares. An increase in the market price of our Common Shares results in a loss on revaluation while a decrease results in a gain on revaluation.

The change in the estimated fair value of the derivative warrant liabilities for the three months ended March 31, 2019 of \$1.73 million reflected a decrease in our share price to \$6.50 per share at March 31, 2019 compared to \$6.82 per share at December 31, 2018. The change in the estimated fair value of the derivative warrant liabilities for the three months ended December 31, 2018 of \$593,000 reflected an increase in our share price to \$6.82 per share at December 31, 2018 compared to \$6.64 per share at September 30, 2018. The change in the estimated fair value of the derivative warrant liabilities for the three months ended September 30, 2018 of \$4.80 million primarily reflected an increase in our share price to \$6.64 per share at September 30, 2018 compared to \$5.63 per share at June 30, 2018. The change in the estimated fair value of the derivative warrant liabilities for the three months ended June 30, 2018 of \$1.93 million primarily reflected an increase in our share price to \$5.63 per share at June 30, 2018 compared to \$5.19 per share at March 31, 2018. The change in the estimated fair value of the derivative warrant liabilities for the three months ended March 31, 2018 of \$2.63 million primarily reflected an increase in our share price to \$5.19 per share at March 31, 2018 compared to \$4.53 per share at December 31, 2017.

The change in the estimated fair value of the derivative warrant liabilities for the three months ended December 31, 2017 of \$9.01 million primarily reflected a decrease in our share price to \$4.53 per common share at December 31, 2017 compared to \$6.27 per share at September 30, 2017. The change in the estimated fair value of the derivative warrant liabilities for the three months ended June 30, 2017 of \$7.50 million primarily reflected a decrease in our share price to \$6.13 per common share at June 30, 2017 compared to \$7.34 per common share at March 31, 2017.



**Aurinia Pharmaceuticals Inc.**

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**FORM 52-109F2  
CERTIFICATION OF INTERIM FILINGS  
FULL CERTIFICATE**

I, PETER GREENLEAF, *Chief Executive Officer of AURINIA PHARMACEUTICALS Inc.*, certify the following:

1. **Review:** I have reviewed the interim financial report and interim MD&A, (together, the "interim filings") of **Aurinia Pharmaceuticals Inc.** (the "issuer") for the interim period ended **March 31, 2019**.
2. **No misrepresentations:** Based on my knowledge, having exercised reasonable diligence, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings.
3. **Fair presentation:** Based on my knowledge, having exercised reasonable diligence, the interim financial report together with the other financial information included in the interim filings fairly present in all material respects the financial condition, financial performance and cash flows of the issuer, as of the date of and for the periods presented in the interim filings.
4. **Responsibility:** The issuer's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (DC&P) and internal control over financial reporting (ICFR), as those terms are defined in National Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*, for the issuer.
5. **Design:** Subject to the limitations, if any, described in paragraphs 5.2 and 5.3, the issuer's other certifying officer(s) and I have, as at the end of the period covered by the interim filings
  - (a) designed DC&P, or caused it to be designed under our supervision, to provide reasonable assurance that
    - (i) material information relating to the issuer is made known to us by others, particularly during the period in which the interim filings are being prepared; and
    - (ii) information required to be disclosed by the issuer in its annual filings, interim filings or other reports filed or submitted by it under securities legislation is recorded, processed, summarized and reported within the time periods specified in securities legislation; and
  - (b) designed ICFR, or caused it 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 the issuer's GAAP.
- 5.1 **Control framework:** The control framework the issuer's other certifying officer(s) and I used to design the issuer's ICFR is the COSO *Internal Control - Integrated Framework (2013)* published by the Committee of Sponsoring Organizations of the Treadway Commission.
- 5.2 **ICFR - material weakness related to design:** N/A
- 5.3 **Limitation on scope of design:** N/A
6. **Reporting changes in ICFR:** The issuer has disclosed in its interim MD&A any change in the issuer's ICFR that occurred during the period beginning on **January 1, 2019** and ended on **March 31, 2019** that has materially affected, or is reasonably likely to materially affect, the issuer's ICFR.

Date: **May 14, 2019**

/s/ Peter Greenleaf  
Peter Greenleaf  
Chief Executive Officer



**FORM 52-109F2  
CERTIFICATION OF INTERIM FILINGS  
FULL CERTIFICATE**

I, DENNIS BOURGEOULT, *Chief Financial Officer of AURINIA PHARMACEUTICALS Inc.*, certify the following:

1. **Review:** I have reviewed the interim financial report and interim MD&A, (together, the "interim filings") of **Aurinia Pharmaceuticals Inc.** (the "issuer") for the interim period ended **March 31, 2019**.
2. **No misrepresentations:** Based on my knowledge, having exercised reasonable diligence, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings.
3. **Fair presentation:** Based on my knowledge, having exercised reasonable diligence, the interim financial report together with the other financial information included in the interim filings fairly present in all material respects the financial condition, financial performance and cash flows of the issuer, as of the date of and for the periods presented in the interim filings.
4. **Responsibility:** The issuer's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (DC&P) and internal control over financial reporting (ICFR), as those terms are defined in National Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*, for the issuer.
5. **Design:** Subject to the limitations, if any, described in paragraphs 5.2 and 5.3, the issuer's other certifying officer(s) and I have, as at the end of the period covered by the interim filings
  - (a) designed DC&P, or caused it to be designed under our supervision, to provide reasonable assurance that
    - (i) material information relating to the issuer is made known to us by others, particularly during the period in which the interim filings are being prepared; and
    - (ii) information required to be disclosed by the issuer in its annual filings, interim filings or other reports filed or submitted by it under securities legislation is recorded, processed, summarized and reported within the time periods specified in securities legislation; and
  - (b) designed ICFR, or caused it 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 the issuer's GAAP.
- 5.1 **Control framework:** The control framework the issuer's other certifying officer(s) and I used to design the issuer's ICFR is the COSO *Internal Control - Integrated Framework (2013)* published by the Committee of Sponsoring Organizations of the Treadway Commission.
- 5.2 **ICFR - material weakness related to design:** N/A
- 5.3 **Limitation on scope of design:** N/A
6. **Reporting changes in ICFR:** The issuer has disclosed in its interim MD&A any change in the issuer's ICFR that occurred during the period beginning on **January 1, 2019** and ended on **March 31, 2019** that has materially affected, or is reasonably likely to materially affect, the issuer's ICFR.

Date: **May 14, 2019**

/s/ Dennis Bourgeault  
Dennis Bourgeault  
Chief Financial Officer