

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934  
For the quarterly period ended March 31, 2019

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934  
For the transition period from \_\_\_ to \_\_\_

Commission File Number: 001-32295

**FENNEC PHARMACEUTICALS INC.**

(Exact Name of Registrant as Specified in Its Charter)

British Columbia, Canada  
(State or Other Jurisdiction of  
Incorporation or Organization)

20-0442384  
(I.R.S. Employer  
Identification No.)

PO Box 13628, 68 TW Alexander Drive  
Research Triangle Park, North Carolina  
(Address of Principal Executive Offices)

27709  
(Zip Code)

Registrant's Telephone Number, Including Area Code: (919) 636-4530

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

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes  No

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

Large Accelerated Filer   
Non-Accelerated Filer

Accelerated Filer x  
Smaller reporting company x  
Emerging growth company

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

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

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Shares, no par value	FENC	Nasdaq Capital Market

As of May 10, 2019, there were 19,895,830 shares of Fenmec Pharmaceuticals Inc. common stock outstanding.

## TABLE OF CONTENTS

	<b>Page</b>
<b><u>PART I: FINANCIAL INFORMATION</u></b>	<b><u>3</u></b>
<u>Item 1. Condensed Consolidated Financial Statements</u>	<u>3</u>
<u>Condensed Consolidated Balance Sheets as of March 31, 2019 (Unaudited) and December 31, 2018</u>	<u>3</u>
<u>Condensed Consolidated Statements of Operations (Unaudited) for the Three-Months Ended March 31, 2019 and 2018</u>	<u>4</u>
<u>Condensed Consolidated Statements of Cash Flows (Unaudited) for the Three-Months Ended March 31, 2019 and 2018</u>	<u>5</u>
<u>Condensed Consolidated Statements of Stockholders' Equity (Unaudited) for the Three-Months Ended March 31, 2019 and 2018</u>	<u>6</u>
<u>Notes to the Condensed Consolidated Financial Statements</u>	<u>7</u>
<u>Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	<u>13</u>
<u>Item 3. Quantitative and Qualitative Disclosures about Market Risk</u>	<u>19</u>
<u>Item 4. Controls and Procedures</u>	<u>19</u>
<b><u>PART II: OTHER INFORMATION</u></b>	<b><u>19</u></b>
<u>Item 1. Legal Proceedings</u>	<u>19</u>
<u>Item 1A. Risk Factors</u>	<u>20</u>
<u>Item 2. Recent Sales of Unregistered Securities</u>	<u>20</u>
<u>Item 3. Default Upon Senior Securities</u>	<u>20</u>
<u>Item 4. Mine Safety Disclosure</u>	<u>20</u>
<u>Item 5. Other Information</u>	<u>20</u>
<u>Item 6. Exhibits</u>	<u>21</u>
<u>Signatures</u>	<u>22</u>

**PART 1: FINANCIAL INFORMATION**  
**Item 1. Financial Statements**

**Fennec Pharmaceuticals Inc.**  
**Condensed Consolidated Balance Sheets**  
**(U.S. Dollars and shares in thousands)**

	<u>March 31, 2019</u> <u>(unaudited)</u>	<u>December 31,</u> <u>2018</u>
<b>Assets</b>		
<b>Current assets:</b>		
Cash and cash equivalents	\$ 20,231	\$ 22,781
Prepaid expenses	108	168
Other current assets	4	1
<b>Total current assets</b>	<u>20,343</u>	<u>22,950</u>
<b>Non-current assets:</b>		
Deferred issuance costs	326	-
Amortization of deferred issuance costs	(12)	-
<b>Total non-current assets:</b>	<u>314</u>	<u>-</u>
<b>Total assets</b>	<u>\$ 20,657</u>	<u>\$ 22,950</u>
<b>Liabilities and stockholders' equity</b>		
<b>Current liabilities:</b>		
Accounts payable	\$ 1,298	\$ 1,032
Accrued liabilities	153	605
<b>Total current liabilities</b>	<u>1,451</u>	<u>1,637</u>
<b>Stockholders' equity:</b>		
Common stock, no par value; unlimited shares authorized; 19,896 shares issued and outstanding (2018-19,896)	106,392	106,392
Additional paid-in capital	45,453	44,934
Accumulated deficit	(133,882)	(131,256)
Accumulated other comprehensive income	1,243	1,243
<b>Total stockholders' equity</b>	<u>19,206</u>	<u>21,313</u>
<b>Total liabilities and stockholders' equity</b>	<u>\$ 20,657</u>	<u>\$ 22,950</u>

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

**Fennec Pharmaceuticals Inc.**  
**Condensed Consolidated Statements of Operations**  
(U.S. Dollars and shares in thousands, except per share amounts)  
(Unaudited)

	<b>Three Months Ended</b>	
	<b>March 31, 2019</b>	<b>March 31, 2018</b>
<b>Revenue</b>	\$ -	\$ -
<b>Operating expenses:</b>		
Research and development	1,671	689
General and administrative	1,009	1,102
<b>Loss from operations</b>	<u>(2,680)</u>	<u>(1,791)</u>
<b>Other (expense) income :</b>		
Unrealized gain/(loss) on derivatives (Note 4)	-	167
Other (loss)	-	(3)
Interest expense	(12)	-
Interest income and other	66	59
Total other income/(expense), net	<u>54</u>	<u>223</u>
<b>Net loss</b>	<u>\$ (2,626)</u>	<u>\$ (1,568)</u>
<b>Basic net loss per common share</b>	\$ (0.13)	\$ (0.09)
<b>Diluted net loss per common share</b>	\$ (0.13)	\$ (0.09)
<b>Weighted-average number of common shares outstanding, basic</b>	19,896	18,430
<b>Weighted-average number of common shares outstanding, diluted</b>	19,896	18,430

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

**Fennec Pharmaceuticals Inc.**  
**Condensed Consolidated Statements of Cash Flows**  
**(U.S. Dollars in thousands)**  
**(Unaudited)**

	<b>Three Months Ended</b>	
	<b>March 31, 2019</b>	<b>March 31, 2018</b>
<b>Cash flows used in:</b>		
<b>Operating activities:</b>		
Net loss	\$ (2,626)	\$ (1,568)
Adjustments to reconcile net loss to net cash used in operating activities:		
Unrealized (gain)/loss on derivative	-	(167)
Amortization of deferred issuance cost	12	
Stock-based compensation - contractors	43	114
Stock-based compensation - employees	221	174
Changes in operating assets and liabilities:		
Prepaid assets	60	21
Other current assets	(3)	3
Accounts payable	266	178
Accrued liabilities	(452)	(482)
Net cash used in operating activities	(2,479)	(1,727)
<b>Financing activities:</b>		
Capitalized deferred issuance cost	(71)	-
Options and warrants exercised	-	186
Net cash (used in)/provided by financing activities	(71)	186
Decrease in cash and cash equivalents	(2,550)	(1,541)
Cash and cash equivalents - Beginning of period	22,781	28,260
Cash and cash equivalents - End of period	\$ 20,231	\$ 26,719
Non-cash deferred issuance cost (warrant value)	\$ 255	\$ -

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

**Fennec Pharmaceuticals Inc.**  
**Condensed Consolidated Statements of Stockholders' Equity**  
**Three Months Ended March 31, 2019 and 2018**  
**(U.S. dollars and shares in thousands)**  
**(Unaudited)**

	<u>Common Stock</u>		<u>Additional Paid-in Capital</u>	<u>Accumulated Deficit</u>	<u>Accumulated Other Comprehensive Income</u>	<u>Total Stockholders' Equity</u>
	<u>Number (Note 5)</u>	<u>Amount</u>				
<b>Balance at December 31, 2018</b>	19,896	\$ 106,392	\$ 44,934	\$ 1,243	\$ (131,256)	\$ 21,313
Stock options issued to employees	-	-	221	-	-	221
Stock options issued to contractors	-	-	43	-	-	43
Warrants issued to consultants	-	-	255	-	-	255
Net loss	-	-	-	-	(2,626)	(2,626)
<b>Balance at March 31, 2019</b>	<u>19,896</u>	<u>\$ 106,392</u>	<u>\$ 45,453</u>	<u>\$ 1,243</u>	<u>\$ (133,882)</u>	<u>\$ 19,206</u>
<b>Balance at December 31, 2017</b>	18,411	\$ 103,045	\$ 43,837	\$ 1,243	\$ (121,368)	\$ 26,757
Stock options issued to employees	-	-	174	-	-	174
Stock options issued to contractors	-	-	114	-	-	114
Exercise of stock options	23	71	(35)	-	-	36
Exercise of warrants	50	221	(71)	-	-	150
Net loss	-	-	-	-	(1,568)	(1,568)
<b>Balance at March 31, 2018</b>	<u>18,484</u>	<u>\$ 103,337</u>	<u>\$ 44,019</u>	<u>\$ 1,243</u>	<u>\$ (122,936)</u>	<u>\$ 25,663</u>

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

**Fennec Pharmaceuticals Inc.**  
**Notes to the Unaudited Interim Condensed Consolidated Financial Statements**  
**(U.S. dollars and shares in thousands, except per share information)**

**1. Nature of Business and Going Concern**

Fennec Pharmaceuticals Inc. (“Fennec,” the “Company,” “we,” “us,” or “our”) is a biopharmaceutical company focused on the development of PEDMARK<sup>TM</sup> (a unique formulation of Sodium Thiosulfate (“STS”)) for the prevention of platinum-induced ototoxicity in pediatric cancer patients. We incorporated under the Canada Business Corporations Act (“CBCA”) in September 1996. Effective on August 25, 2011, the Company continued from the CBCA to the Business Corporations Act (British Columbia) (the “Continuance”). The Continuance was approved by our shareholders at our June 2011 Annual and Special Meeting and by resolution of the Board of Directors on August 10, 2011. We have four wholly-owned subsidiaries: Oxiquant, Inc. and Fennec Pharmaceuticals, Inc., both Delaware corporations, Cadherin Biomedical Inc., a Canadian company and Fennec Pharmaceuticals (EU) Limited (“Fennec Limited”), an Ireland company formed in 2018. With the exception of Fennec Pharmaceuticals, Inc., all subsidiaries are inactive.

These unaudited interim condensed consolidated financial statements have been prepared in accordance with generally accepted accounting principles in the United States of America (“US GAAP”) that are applicable to a going concern which contemplates that the Company will continue in operation for the foreseeable future and will be able to realize its assets and discharge its liabilities in the normal course of business.

During the three-months ended March 31, 2019, the Company incurred a loss from operations of \$2,680. At March 31, 2019, it had an accumulated deficit of \$133.9 million and had experienced negative cash flows from operating activities during the three-months ended March 31, 2019 in the amount of \$2,479.

On February 1, 2019, Fennec entered into a Loan and Security Agreement with Bridge Bank, a division of Western Alliance Bank, an Arizona corporation, pursuant to which the Bank agreed to loan \$12.5 million to the Company, to be made available upon New Drug Application “NDA” approval of PEDMARK by no later than September 30, 2020. The proceeds from the loan will be used for working capital purposes and to fund general business requirements in accordance with the terms of the Loan and Security Agreement. Interest under the Term Loans shall bear interest, on the outstanding daily balance thereof, at a floating per annum rate equal to the Effective Interest Rate (as defined in the Loan and Security Agreement) which is equal to the sum of the Prime Rate published in the Wall Street Journal (currently 5.50%) plus one percent (1.00%). The debt facility is to have interest-only monthly payments due for the first eighteen months from the funding date and then monthly principal and interest payments are due through the remainder of the term which has a maturity date of October 1, 2023. In connection with the facility, Fennec granted Bridge Bank a warrant to purchase up to 39,130 common shares at an exercise price of \$6.80 per common share, for a term of ten years from the date of issuance, subject to early termination under certain conditions.

The Company believes the aforementioned debt facility, along with current cash on hand, provides sufficient funding for the Company to carry-out its planned activities including NDA approval and the commencement of commercialization efforts for the next twelve to fifteen months as it continues its strategic development of PEDMARK<sup>TM</sup>.

These financial statements do not reflect the potentially material adjustments in the carrying values of assets and liabilities, the reported expenses, and the balance sheet classifications used, that would be necessary if the going concern assumption were not appropriate.

**2. Significant Accounting Policies**

**Basis of presentation**

The accompanying unaudited interim condensed consolidated financial statements have been prepared in accordance with US GAAP and are the responsibility of the Company’s management. These unaudited interim condensed consolidated financial statements do not include all of the information and notes required by US GAAP for annual financial statements. Accordingly, these unaudited interim condensed consolidated financial statements should be read in conjunction with the Company’s audited consolidated financial statements and notes filed with the Securities and Exchange Commission (“SEC”) in the Company’s Annual Report on Form 10-K for the year ended December 31, 2018. The Company’s accounting policies are consistent with those presented in the audited consolidated financial statements included in the Annual Report on Form 10-K for the year ended December 31, 2018. These unaudited interim condensed consolidated financial statements have been prepared in U.S. dollars. All amounts presented are in thousands except for per share amounts.

**Use of estimates**

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that impact the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities as of the date of the interim condensed consolidated financial statements and the reported amounts of expense during the reporting period. Actual results could differ from those estimates.

**Fennec Pharmaceuticals Inc.**  
**Notes to the Unaudited Interim Condensed Consolidated Financial Statements**  
**(U.S. dollars and shares in thousands, except per share information)**

In the opinion of management, these unaudited interim condensed consolidated financial statements include all adjustments, which are normal and recurring in nature, necessary for the fair presentation of the Company's financial position at March 31, 2019 and to state fairly the results for the periods presented. The most significant estimates utilized during the quarter ended March 31, 2019 included estimates necessary to value grants of stock options to contractors, employees and various contractors and warrants issued to Bridge Bank to secure debt facility, disclosed in Note 5.

**New accounting pronouncements**

In August 2018, the FASB issued ASU 2018-13, Fair Value Measurement (Topic 820): Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Measurement. ASU 2018-13 removes certain disclosures, modifies certain disclosures and adds additional disclosures. The ASU is effective for us on January 1, 2020, and interim periods within that fiscal year. Early adoption is permitted. Certain disclosures in ASU 2018-13 would need to be applied on a retrospective basis and others on a prospective basis. We are currently evaluating the impact this guidance may have on our consolidated financial statements.

In June 2018, the FASB issued ASU 2018-07 to expand the scope of ASC Topic 718, Compensation - Stock Compensation (Topic 718): Improvements to Nonemployee Share-Based Payment Accounting, to include share-based payment transactions for acquiring goods and services from nonemployees. The pronouncement is effective for fiscal years, and for interim periods within those fiscal years, beginning after December 15, 2018, and adoption as of January 1, 2019. The Company concluded after evaluation, that the impact of ASU 2018-07 on our consolidated financial statements and disclosures was de minimis.

In February 2016, the FASB issued ASU 2016-02, Leases (Topic 842). The new guidance requires the recognition of lease liabilities, representing future minimum lease payments, on a discounted basis, and corresponding right-of-use assets on a balance sheet for most leases, along with requirements for enhanced disclosures to give financial statement users the ability to assess the amount, timing and uncertainty of cash flows arising from leasing arrangements. In July 2018, the FASB issued ASU 2018-10 and 2018-11 which permit application of the new guidance at the beginning of the year of adoption, recognizing a cumulative-effect adjustment to the opening balance of retained earnings in the period of adoption, in addition to the method of applying the new guidance retrospectively to each prior reporting period presented. The ASU is effective for us on January 1, 2019. We have concluded the impact of this guidance is negligible on our consolidated financial statements, given we have no material leases.

**Cash and cash equivalents**

Cash equivalents consist of highly liquid investments with original maturities at the date of purchase of three months or less. The Company places its cash and cash equivalents in investments held by highly rated financial institutions in accordance with its investment policy designed to protect the principal investment. At March 31, 2019, the Company had \$20,231 in cash, savings and money market accounts (\$22,781 at December 31, 2018). At March 31, 2019, the Company held \$301 in cash of which \$110 (as presented in U.S. dollars) was in Canadian dollars (\$121 at December 31, 2018 as presented in U.S. dollars). At March 31, 2019, the Company held \$19,930 in money market investments. Money market investments typically have minimal risks. The Company has not experienced any loss or write-down of its money market investments since inception.

**3. Earnings per Share**

Earnings per common share is presented under two formats: basic earnings per common share and diluted earnings per common share. Basic earnings per common share is computed by dividing net income attributable to common shareholders by the weighted average number of common shares outstanding during the period. Diluted earnings per common share is computed by dividing net income by the weighted average number of common shares outstanding during the period, plus the potentially dilutive impact of common stock equivalents (i.e. stock options and warrants). Dilutive common share equivalents consist of the incremental common shares issuable upon exercise of stock options and warrants. The following table sets forth the computation of basic and diluted net loss per share:

	<b>Three Months Ended March 31,</b>	
	<b>2019</b>	<b>2018</b>
<b>Numerator:</b>		
Net (loss)	\$ (2,626)	\$ (1,568)
<b>Denominator:</b>		
Weighted-average common shares, basic	19,896	18,430
Dilutive effect of stock options	-	-
Dilutive effect of warrants	-	-
Incremental dilutive shares	-	-
Weighted-average common shares, dilutive	19,896	18,430
Net (loss) per share, basic and diluted	\$ (0.13)	\$ (0.09)



**Fennec Pharmaceuticals Inc.**  
**Notes to the Unaudited Interim Condensed Consolidated Financial Statements**  
**(U.S. dollars and shares in thousands, except per share information)**

The following outstanding options and warrants were excluded from the computation of basic and diluted net loss per share for the periods presented because including them would have had an anti-dilutive effect:

	<b>Three Months Ended March 31,</b>	
	<b>2019</b>	<b>2018</b>
Options to purchase common stock	2,498	2,502
Warrants to purchase common stock	39	1,312

#### 4. Derivative Instruments

As of March 31, 2019 and 2018, the Company no longer has outstanding derivative instruments. Prior to March 31, 2018, the Company had outstanding options denominated in Canadian dollars which were not considered to be indexed to its own stock because the exercise price is denominated in Canadian dollars and the Company's functional currency is U.S. dollars. Therefore, these options were treated as derivative financial instruments and recorded at their fair value as a liability. All other outstanding convertible instruments are considered to be indexed to the Company's stock, because their exercise price is denominated in the same currency as the Company's functional currency and are included in stockholders' equity.

These options were recorded at their fair value as a liability at issuance and were re-measured at fair value as a liability at each subsequent balance sheet date until they were exercised, forfeited or expired. Any change in value between reporting periods was recorded as unrealized gain/(loss). The fair value of these options was estimated using the Black-Scholes option-pricing model.

Comparative data related to gain/(loss) recorded on re-measurement of the derivative liability for the three-month periods ended March 31, 2019 and 2018 are summarized in the table below. There is no cash flow impact for these derivatives until the options are exercised. When the options are exercised, the Company receives the proceeds from the exercise at the current exchange rate at the time of exercise.

<b>Gain/(Loss) on Derivative Instruments</b>	<b>Fair Value as of March 31,</b>		<b>Three Months Ended March 31,</b>	
	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>
Options to contractors	\$ -	\$ -	\$ -	\$ 167
<b>Gain/(loss) on Derivative Instruments</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 167</b>

During the fiscal years ended December 31, 2011 and 2010, the Company issued 36 and 29, respectively, options to contractors with a Canadian dollar denominated strike price. Consequently, the Company had derivatives relating to these options since the strike price is denominated in a currency other than the US dollar functional currency of the Company. While there is an exception to this rule for employees in ASU 2010-13 "Compensation-Stock Compensation (Topic 718): Effect of denominating the exercise price of a share-based payment award in the currency of the market in which the underlying equity security trades", no such exception exists for contractors.

There are no Canadian dollar denominated contractor options remaining.

#### 5. Stockholders' Equity

##### Authorized capital stock

The Company's authorized capital stock consists of an unlimited number of shares of no-par common stock.

##### Warrants to Purchase Common Stock

During the quarter ended March 31, 2019, the Company issued warrants to purchase common stock priced in U.S. dollars with a weighted average price of \$6.80 and had a weighted average remaining life of 9.83 years as of March 31, 2019. During the three-months ended March 31, 2019, there were 0 warrants exercised resulting in gross proceeds to the Company of \$0. The following table details the Company's warrant activity from March 31, 2018:

<b>Investor Warrants</b>	<b>Common Shares Issuable Upon Exercise of Outstanding Warrants</b>	<b>Weighted-Average Exercise Price USD</b>
Outstanding March 31, 2018	1,312	1.50
Exercised	(292)	1.50
Outstanding June 30, 2018	1,020	1.50
Exercised	(229)	1.50
Outstanding September 30, 2018	791	1.50
Exercised	(791)	1.50
Outstanding December 31, 2018	-	1.50
Issued	39	6.80
Outstanding March 31, 2019	39	6.80
<b>Total</b>	<b>39</b>	<b>6.80</b>

**Fennec Pharmaceuticals Inc.**  
**Notes to the Unaudited Interim Condensed Consolidated Financial Statements**  
**(U.S. dollars and shares in thousands, except per share information)**

The value of warrants issued was estimated using the Black-Scholes option pricing model using the following assumptions in the table below. The expected volatility was determined using historical volatility of our stock based on the contractual life of the award. The Company capitalized the non-cash expense of \$255 associated with issuing the above warrants on February 1, 2019. The Company also incurred legal, professional and share registration fees totaling \$71 which were also capitalized. The combined capitalized asset, deferred issuance cost, has been placed on the balance sheet.

<b>Black-Scholes Model Assumptions</b>	<b>Valuation Assumptions February 1, 2019</b>
Expected dividend	0.00%
Risk free rate	2.70%
Expected volatility	179%
Expected life	10 years

**Stock option plan**

The Compensation Committee of the Board of Directors administers the Company's stock option plan. The Compensation Committee designates eligible participants to be included under the plan and approves the number of options to be granted from time to time under the plan. Currently, the maximum number of option shares issuable is twenty-five percent (25%) of the total number of issued and outstanding shares of common stock. Based upon the current shares outstanding, a maximum of 5,000 options are authorized for issuance under the plan. For all options issued under the plan, the exercise price is the fair value of the underlying shares on the date of grant. All options vest within three years or less and are exercisable for a period of seven years from the date of grant. The stock option plan allows the issuance of Canadian and U.S. dollar grants. The table below outlines recognized contractor and employee expense for the three-month periods ended March 31, 2019 and 2018.

	<b>Three Months Ended March 31,</b>	
	<b>2019</b>	<b>2018</b>
Contractor options expense recognized	\$ 43	\$ 114
Employee options expense recognized	221	174
<b>Total option expense recognized</b>	<b>\$ 264</b>	<b>\$ 288</b>

**Stock option activity**

The following is a summary of option activity for each of the quarterly periods in fiscal year 2019 for stock options denominated in U.S. dollars:

<b>US Denominated Options</b>	<b>Number of Options (thousands)</b>	<b>Weighted-Average Exercise Price \$USD</b>
<b>Outstanding December 31, 2018</b>	1,850	\$ 3.80
Granted	-	-
Exercised	-	-
<b>Outstanding at March 31, 2019</b>	1,850	\$ 3.80

During the three-month period ended March 31, 2019, there was no US denominated option activity. Of the 1,850 options granted and outstanding at March 31, 2019, 1,630 are fully vested and exercisable.

The following is a summary of option activity for the three-month periods ended March 31, 2019 for stock options denominated in Canadian dollars:

<b>Canadian Denominated Options</b>	<b>Number of Options (thousands)</b>	<b>Weighted-Average Exercise Price \$CAD</b>
<b>Outstanding December 31, 2018</b>	648	\$ 2.43
Granted	-	-
Exercised	-	-
<b>Outstanding at March 31, 2019</b>	648	\$ 2.43

**Fennec Pharmaceuticals Inc.**  
**Notes to the Unaudited Interim Condensed Consolidated Financial Statements**  
**(U.S. dollars and shares in thousands, except per share information)**

For the three-month period ended March 31, 2019, there was no issuance activity related to Canadian dollar denominated options. As of March 31, 2019, all 648 outstanding options denominated in Canadian dollars were fully vested and exercisable.

**Valuation assumptions**

The value of options granted were estimated using the Black-Scholes option pricing model using the following assumptions in the table below. The expected volatility was determined using historical volatility of our stock based on the contractual life of the award. There were no options issued during the three months ended March 31, 2019, (210 for the same period in 2018). Assumptions for the valuation of the option grants are described in the table below:

<b>Black-Scholes Model Assumptions</b>	<b>Three Months Ended March 31,</b>	
	<b>2019</b>	<b>2018</b>
Expected dividend	N/A	0.00%
Risk free rate	N/A	2.70%
Expected volatility	N/A	389%
Expected life	N/A	7 years

**6. Fair Value Measurements**

The Company adopted the Fair Value Measurements and Disclosure Topic of the FASB in 2011. This Topic applies to certain assets and liabilities that are being measured and reported on a fair value basis. The Topic defines fair value, establishes a framework for measuring fair value in accordance with US GAAP, and expands disclosure about fair value measurements. This Topic enables the reader of the financial statements to assess the inputs used to develop those measurements by establishing a hierarchy for ranking the quality and reliability of the information used to determine fair values. The Topic requires that financial assets and liabilities carried at fair value be classified and disclosed in one of the following three categories:

- Level 1: Quoted market prices in active markets for identical assets or liabilities.
- Level 2: Observable market-based inputs or unobservable inputs that are corroborated by market data.
- Level 3: Unobservable inputs that are not corroborated by market data.

	<b>Fair Value Measurement at March 31, (in thousands)</b>							
	<b>Quoted Price in Active Market for Identical Instruments Level 1</b>		<b>Significant Other Observable Inputs Level 2</b>		<b>Significant Unobservable Inputs Level 3</b>		<b>Total</b>	
	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>
	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>
<b>Assets</b>								
Cash and cash equivalents	301(1)	5,791(1)	19,930	20,928	-	-	20,231	26,719
<b>Liabilities</b>								
Derivative liabilities	-	-	-	-	-	-	-	-

(1) The Company held approximately, \$301 in cash as of March 31, 2019, of which approximately, \$110 was in Canadian funds (translated into U.S. dollars). As of March 31, 2018, the Company held approximately \$5,791 of which approximately \$141 was in Canadian funds (translated into U.S. dollars).

**7. Commitments and Contingencies**

**Oregon Health & Science University Agreement**

On February 20, 2013, Fennec entered into a new exclusive license agreement with OHSU for exclusive worldwide license rights to intellectual property directed to thiol-based compounds, including STS and their use in oncology (the "New OHSU Agreement"). OHSU will receive certain milestone payments, royalty on net sales for licensed products and a royalty on any consideration received from sublicensing of the licensed technology.

The term of the New OHSU Agreement expires on the date of the last to expire claim(s) covered in the patents licensed to Fennec, unless earlier terminated as provided in the agreement. The New OHSU Agreement is terminable by either Fennec or OHSU in the event of a material breach of the agreement by either party after 45 days prior written notice. Fennec also has the right to terminate the New OHSU Agreement at any time upon 60 days prior written notice and payment of all fees due to OHSU under the New OHSU Agreement.

**Fennec Pharmaceuticals Inc.**  
**Notes to the Unaudited Interim Condensed Consolidated Financial Statements**  
**(U.S. dollars and shares in thousands, except per share information)**

On May 18, 2015, Fennec negotiated an amendment ("Amendment 1") to the exclusive license agreement with OHSU. Amendment 1 expands the exclusive license agreement signed with OHSU on February 20, 2013 ("OHSU Agreement") to include the use of N-acetylcysteine as a standalone therapy and/or in combination with STS for the prevention of ototoxicity induced by chemotherapeutic agents to treat cancers. Further, Amendment 1 adjusts select milestone payments entered in the OHSU Agreement including but not limited to the royalty rate on net sales for licensed products, royalty rate from sublicensing of the licensed technology and the fee payable upon the regulatory approval of a licensed product.

The term of Amendment 1 under the OHSU Agreement expires on the date of the last to expire claim(s) covered in the patents licensed to Fennec or 8 years, whichever is later. In the event a licensed product obtains regulatory approval and is covered by the Orphan Drug Designation, the parties will in good faith amend the term of the agreement. STS is currently protected by methods of use patents that the Company exclusively licensed from OHSU that expire in Europe in 2021 and are currently pending in the United States. The New OHSU Agreement is terminable by either Fennec or OHSU in the event of a material breach of the agreement by either party after 45 days prior written notice. Fennec also has the right to terminate the New OHSU Agreement at any time upon 60 days prior written notice and payment of all fees due to OHSU under the New OHSU Agreement.

**Executive Severance**

In the event of his termination with us other than for cause, we will be obligated to pay Mr. Raykov a one-time severance payment equal to twelve months of salary (as of May 10, 2019 \$400,000). In the event of his termination with us other than for cause, we will be obligated to pay Mr. Andrade a one-time severance payment equal to six months of salary (as of May 10, 2019 \$145,000).

**Leases**

We have an operating lease in Research Triangle Park, North Carolina utilizing small space within a commercial building. The operating lease has payments of \$200 per month with no scheduled increases. This operating lease is terminable with 30 days' notice and has no penalties or contingent payments due.

**Loan Security Agreement**

On February 1, 2019, the Company's wholly owned subsidiary of Fennec Pharmaceuticals Inc. entered into a Loan and Security Agreement (the "Loan and Security Agreement") with Bridge Bank, a division of Western Alliance Bank, an Arizona corporation (the "Bank"), pursuant to which the Bank agreed to loan \$12.5 million to Fennec Pharmaceuticals, Inc., to be made available upon New Drug Application ("NDA") approval of PEDMARK by no later than September 30, 2020. The proceeds from the loan will be used for working capital purposes and to fund general business requirements in accordance with the terms of the Loan and Security Agreement. Interest under the Term Loans shall bear interest, on the outstanding daily balance thereof, at a floating per annum rate equal to the Effective Interest Rate (as defined in the Loan and Security Agreement) which is equal to the sum of the Prime Rate published in the Wall Street Journal (currently 5.50%) plus one percent (1.00%). The debt facility is to have interest-only monthly payments due for the first eighteen months from the funding date and then monthly principal and interest payments are due through the remainder of the term which has a maturity date of October 1, 2023. In connection with the facility, Fennec granted Bridge Bank a warrant to purchase up to 39,130 common shares at an exercise price of \$6.80 per common share, for a term of ten years from the date of issuance, subject to early termination under certain conditions.

The combined value of the granted warrants and the associated costs to secure the loan facility (approximately \$326 thousand) were capitalized on the balance sheet as a long-term asset. The asset, deferred issuance cost, will be amortized evenly over the full term of the agreement (56 months). During the quarter ended March 31, 2019, the Company recorded interest expense of roughly \$12 as a result of the amortization of the asset related to deferred issuance cost.

**8. Subsequent Events**

Management has evaluated subsequent events through the date of this filing and concluded there are no events of significance which require disclosure.

## **Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations**

### **CAUTIONARY STATEMENT**

The discussion below contains forward-looking statements regarding our financial condition and our results of operations that are based upon our annual consolidated financial statements, which have been prepared in accordance with generally accepted accounting principles within the United States, or U.S. GAAP, and applicable U.S. Securities and Exchange Commission, or SEC, regulations for financial information. The preparation of these financial statements requires our management to make estimates and judgments that affect the reported amounts of assets, liabilities, income and expenses, and related disclosure of contingent assets and liabilities. We evaluate our estimates on an ongoing basis. Our estimates are based on historical experience and on various other assumptions that we believe to be reasonable.

#### **Overview**

##### **Lead Product Candidate PEDMARK™**

The following is our only lead product candidate in the clinical stage of development:

- PEDMARK™ (a unique formulation of sodium thiosulfate (STS)) – sodium thiosulfate in a novel formulation, announced results of two Phase 3 clinical trials for the prevention of cisplatin induced hearing loss, or ototoxicity in children including the pivotal Phase 3 study SIOPEL 6, “A Multicentre Open Label Randomised Phase 3 Trial of the Efficacy of Sodium Thiosulfate in Reducing Ototoxicity in Patients Receiving Cisplatin Chemotherapy for Standard Risk Hepatoblastoma,” and the proof of concept Phase 3 study “A Randomized Phase 3 Study of Sodium Thiosulfate for the Prevention of Cisplatin-Induced Ototoxicity in Children”.

We continue to focus the Company’s resources on the development of PEDMARK™.

We have licensed from OHSU intellectual property rights for the use of PEDMARK™ as a chemoprotectant, and are developing PEDMARK™ as a protectant against the hearing loss often caused by platinum-based anti-cancer agents in children. Preclinical and clinical studies conducted by OHSU and others have indicated that PEDMARK™ can effectively reduce the incidence of hearing loss caused by platinum-based anti-cancer agents.

Hearing loss among children receiving platinum-based chemotherapy is frequent, permanent and often severely disabling. The incidence of hearing loss in these children depends upon the dose and duration of chemotherapy, and many of these children require lifelong hearing aids. There is currently no established preventive agent for this hearing loss and only expensive, technically difficult and sub-optimal cochlear (inner ear) implants have been shown to provide some benefit. In addition, adults undergoing chemotherapy for several common malignancies, including ovarian cancer, testicular cancer, and particularly head and neck cancer and brain cancer, often receive intensive platinum-based therapy and may experience severe, irreversible hearing loss, particularly in the high frequencies.

The Company estimates in the U.S. and Europe that over 10,000 children with solid tumors are treated with platinum agents. The vast majority of these newly diagnosed tumors are localized and classified as low to intermediate risk in nature. These localized cancers may have overall survival rates of greater than 80%, further emphasizing the importance of quality of life after treatment. The incidence of hearing loss in these children depends upon the dose and duration of chemotherapy, and many of these children require lifelong hearing aids. There is currently no established preventive agent for this hearing loss and only expensive, technically difficult and sub-optimal cochlear (inner ear) implants have been shown to provide some benefit. Infants and young children at critical stages of development lack speech language development and literacy, and older children and adolescents lack speech language development and literacy, and older children and adolescents lack social-emotional development and educational achievement.

STS has been studied by cooperative groups in two Phase 3 clinical studies of survival and reduction of ototoxicity: COG ACCL0431 and SIOPEL 6. Both studies are closed to recruitment. COG ACCL0431 enrolled one of five childhood cancers typically treated with intensive cisplatin therapy for localized and disseminated disease, including newly diagnosed hepatoblastoma, germ cell tumor, osteosarcoma, neuroblastoma, and medulloblastoma. SIOPEL 6 enrolled only hepatoblastoma patients with localized tumors. COG ACCL0431 final results were published in the Lancet Oncology in 2016. SIOPEL 6 final results were published in the New England Journal of Medicine in June 2018.

In August 2018, the Pediatric Committee (PDCO) of the European Medicines Agency (EMA) accepted our pediatric investigation plan (PIP) for PEDMARK™ for the condition of the prevention of platinum-induced hearing loss. An accepted PIP is a prerequisite for filing a Marketing Authorization Application (MAA) for any new medicinal product in Europe. The indication targeted by the Company’s PIP is for the prevention of platinum-induced ototoxic hearing loss for standard risk hepatoblastoma (SR-HB). Additional tumor types of the proposed indication will be subject to the Committee for Medicinal Products for Human Use (CHMP) assessment at the time of the MAA. No deferred clinical studies were required in the positive opinion given by PDCO. The Company was also advised that PEDMARK™ is eligible for submission of an application for a Pediatric Use Marketing Authorization (PUMA). Therefore, this decision allows Fennec to proceed with the submission of a PUMA in the European Union (EU) with incentives of automatic access to the centralized procedure and up to 10 years of data and market protection. The PUMA is a dedicated marketing authorization covering the indication and appropriate formulation for medicines developed exclusively for use in the pediatric population and provides data and market protection up to 10 years.

We initiated our rolling New Drug Application (NDA) for PEDMARK™ for the prevention of ototoxicity induced by cisplatin chemotherapy patients 1 month to < 18 years of age with localized, non-metastatic, solid tumors in December 2018. The Company is targeting completing the NDA submission in late 2019 to early 2020 with potential first commercial launch of PEDMARK™ in the second half of 2020. In March 2018, PEDMARK™ received Breakthrough Therapy and Fast Track designations from the FDA. Further, PEDMARK™ has received Orphan Drug Designation in the US in this setting.

## **SIOPEL 6**

In October 2007, we announced that our collaborative partner, the International Childhood Liver Tumour Strategy Group, known as SIOPEL, a multi-disciplinary group of specialists under the umbrella of the International Society of Pediatric Oncology, had launched a randomized Phase 3 clinical trial SIOPEL 6 to investigate whether STS reduces hearing loss in standard risk hepatoblastoma (liver) cancer patients receiving cisplatin as a monotherapy.

The study was initiated in October 2007 initially in the United Kingdom and completed enrollment at the end of 2014. 52 sites from 11 countries, enrolled 109 evaluable patients. Under the terms of our agreement, SIOPEL conducts and funds all clinical activities and Fennec provides drug, drug distribution and pharmacovigilance, or safety monitoring, for the study. SIOPEL 6 was completed in December 2014 and the final results of SIOPEL 6 were published in *The New England Journal of Medicine* in June 2018.

The primary objectives of SIOPEL 6 are:

- To assess the efficacy of STS to reduce the hearing impairment caused by cisplatin
- To carefully monitor any potential impact of STS on response to cisplatin and survival

## **SIOPEL 6 - Results**

### **Background / Objectives:**

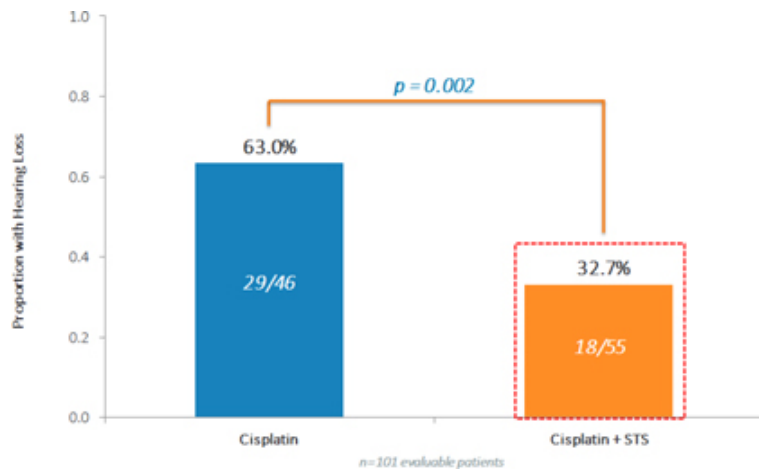
Background: Bilateral high-frequency hearing loss is a serious permanent side-effect of cisplatin therapy; particularly debilitating when occurring in young children. STS has been shown to reduce cisplatin induced hearing loss. SIOPEL 6 is a Phase 3 randomised trial to assess the efficacy of STS in reducing ototoxicity in young children treated with cisplatin (Cis) for SR-HB.

### **Design / Methods:**

Methods: Newly diagnosed patients with SR-HB, defined as tumour limited to PRETEXT I, II or III, no portal or hepatic vein involvement, no intra-abdominal extrahepatic disease, AFP >100ng/ml and no metastases, were randomized to Cis or Cis+STS for 4 preoperative and 2 postoperative courses. Cisplatin 80mg/m<sup>2</sup> was administered over 6 hours, STS 20g/m<sup>2</sup> was administered intravenously over 15 minutes exactly 6 hours after stopping cisplatin. Tumour response was assessed after 2 and 4 preoperative cycles with serum AFP and liver imaging. In case of progressive disease (PD), STS was to be stopped and doxorubicin 60mg/m<sup>2</sup> combined with cisplatin. The primary endpoint is centrally reviewed absolute hearing threshold, at the age of ≥3.5 years by pure tone audiometry.

### **Results:**

One hundred and nine randomized patients (52 Cisplatin only ("Cis") and 57 Cis+STS) are evaluable. The combination of Cis+STS was generally well tolerated. With a follow up time of 52 months for the patients the three-year Event Free Survival ("EFS") for Cis is 78.8% Cisplatin and 82.1% for the Cis + STS. The three-year Overall Survival ("OS") is 92.3% for Cis and 98.2% for Cis + STS. Treatment failure defined as Progressive Disease ("PD") at 4 cycles was equivalent in both arms. Among the first 101 evaluable patients, hearing loss occurred in 29/46=63.0% under Cis and in 18/55=33.0% under Cis +STS, corresponding to a relative risk of 0.52(P=0.002).



### Conclusions:

This randomized Phase 3 trial in SR-HB of cisplatin versus cisplatin plus sodium thiosulfate shows that the addition of sodium thiosulfate significantly reduces the incidence of cisplatin-induced hearing loss without any evidence of tumor protection.

### COG ACCL0431

In March 2008, we announced the activation of a Phase 3 trial with STS to prevent hearing loss in children receiving cisplatin-based chemotherapy in collaboration with the Children's Oncology Group ("COG ACCL0431"). The goal of this Phase 3 study was to evaluate in a multi-centered, randomized trial whether STS is an effective and safe means of preventing hearing loss in children receiving cisplatin-based chemotherapy for newly diagnosed germ cell, liver (hepatoblastoma), brain (medulloblastoma), nerve tissue (neuroblastoma) or bone (osteosarcoma) cancers. Eligible children, one to eighteen years of age, who were to receive cisplatin according to their disease-specific regimen and, upon enrollment in this study, were randomized to receive STS or not. Efficacy of STS was determined through comparison of hearing sensitivity at follow-up relative to baseline measurements using standard audiometric techniques. The Children's Oncology Group is responsible for funding the clinical activities for the study and we are responsible for providing the drug, drug distribution and pharmacovigilance, or safety monitoring, for the study. The trial completed enrollment of 131 pediatric patients in the first quarter of 2012. The final results of COG ACCL0431 were published in *Lancet Oncology* in December 2016.

### COG ACCL0431 - Results

COG Study ACCL0431, "A Randomized Phase 3 Study of Sodium Thiosulfate for the Prevention of Cisplatin-Induced Ototoxicity in Children," finished enrollment of 131 patients of which 126 were eligible patients in Q1 2012. The patients had been previously diagnosed with childhood cancers.

The primary endpoint was to evaluate the efficacy of STS for prevention of hearing loss in children receiving cisplatin chemotherapy (hypothesis: 50% relative reduction in hearing loss).

Secondary endpoints included:

- Compare change in mean hearing thresholds
- Compare incidence of other Grade 3/4 toxicities (renal and hematological)
- Monitor Event Free Survival (EFS) and Overall Survival (OS) in two groups

126 eligible subjects were enrolled with germ cell tumor (32), osteosarcoma (30), neuroblastoma (26), medulloblastoma/pnet (26), hepatoblastoma (7) or other (5). Of these, 104 subjects (64 male and 29 <5 years old) were evaluable for the primary endpoint.

Subjects were randomized either to no treatment (control) or treatment with STS 16 grams/m<sup>2</sup> IV over 15 minutes, 6 hours after each cisplatin dose. Hearing was measured using standard audiometry for age and data were reviewed centrally using American Speech-Language-Hearing Association criteria.

The proportion of subjects with hearing loss assessed at 4 weeks post the final cisplatin dose (primary endpoint).

- The proportion of hearing loss for STS vs. Control was 28.6% (14/49) vs. 56.4% (31/55), respectively (p=0.004).
- In a predefined subgroup of patients less than 5 years old with 29 eligible subjects: STS vs. Control was 21.4% (3/14) vs. 73.3% (11/15), respectively (p=0.005)

**Conclusions:**

- STS protects against cisplatin-induced hearing loss in children across a heterogeneous range of tumor types with even stronger efficacy in the protocol predefined subgroup of patients under five years old and is not associated with serious adverse events attributed to its use.
- Further potential clinical use will be informed by the final results of SIOPEL 6 study.

**Capital Funding**

We have not received and do not expect to have significant revenues from our product candidate until we are either able to sell our product candidate after obtaining applicable regulatory approvals or we establish collaborations that provide us with up-front payments, licensing fees, milestone payments, royalties or other revenue.

We generated a net loss of approximately \$2.6 million for the three-months ended March 31, 2019 and a net loss of \$1.6 million for the three-months ended March 31, 2018 (inclusive of a non-cash gain on derivatives of \$0.00 million and \$0.17 million for the three-months ended March 31, 2019 and 2018, respectively). As of March 31, 2019, our accumulated deficit was approximately \$133.9 million (\$131.3 million at December 31, 2018).

We believe that our cash and cash equivalents as of March 31, 2019, which totaled \$20.2 million, plus the Loan Security Agreement with Bridge Bank, will be sufficient to meet our cash requirements through the next twelve to fifteen months including NDA approval and anticipated first commercial launch of PEDMARK<sup>TM</sup>. Our projections of our capital requirements are subject to substantial uncertainty. More capital than we anticipated may be required thereafter. To finance our continuing operations, we may need to raise substantial additional funds through either the sale of additional equity, the issuance of debt, the establishment of collaborations that provide us with funding, the out-license or sale of certain aspects of our intellectual property portfolio or from other sources. Given current economic conditions, we might not be able to raise the necessary capital, or such funding may not be available on financially acceptable terms if at all. If we cannot obtain adequate funding in the future, we might be required to further delay, scale back or eliminate certain research and development studies, consider business combinations or even shut down some, or all, of our operations.

Our operating expenses will depend on many factors, including the progress of our drug development efforts and efficiency of our operations and current resources. Our research and development expenses, which include expenses associated with our clinical trials, drug manufacturing to support clinical programs, salaries for research and development personnel, stock-based compensation, consulting fees, sponsored research costs, toxicology studies, license fees, milestone payments, and other fees and costs related to the development of our product candidate, will depend on the availability of financial resources, the results of our clinical trials and any directives from regulatory agencies, which are difficult to predict. Our general and administration expenses include expenses associated with the compensation of employees, stock-based compensation, professional fees, consulting fees, insurance and other administrative matters associated in support of our drug development programs.

**Results of Operations**

Three months ended March 31, 2019 versus three months ended March 31, 2018:

<u>In thousands of U.S . Dollars</u>	<u>Three Months Ended March 31, 2019</u>	<u>%</u>	<u>Three Months Ended March 31, 2018</u>	<u>%</u>	<u>Change</u>
<b>Revenue</b>	\$ -		\$ -		\$ -
<b>Operating expenses:</b>					
Research and development	1,671	62%	689	38%	982
General and administration	1,009	38%	1,102	62%	(93)
Total operating expenses	<u>2,680</u>	100%	<u>1,791</u>	100%	<u>889</u>
<b>Loss from operations</b>	<u>(2,680)</u>		<u>(1,791)</u>		<u>(889)</u>
Unrealized gain/(loss) on derivatives	-		167		(167)
Other loss	-		(3)		3
Interest expense	(12)		-		(12)
Interest income and other	66		59		7
<b>Net loss</b>	<u>\$ (2,626)</u>		<u>\$ (1,568)</u>		<u>\$ (1,058)</u>



Research and development expenses increased by \$982 for the three months ended March 31, 2019 over the same period in 2018 as the Company continued preparation for regulatory approval and commercial development of PEDMARK™. This increase relates primarily to drug manufacturing activities and regulatory registration activities. General and administrative expenses decreased by \$93 over same period in 2018. The reduction of \$93 was related to advocacy expense and non-cash equity remuneration expense for contractors.

The Company no longer has derivative instruments on its books because all remaining Canadian dollar denominated options were exercised during the first fiscal quarter of 2018. Interest income was up significantly over the same period in 2018, due to higher interest rates on deposits.

#### Quarterly Information

The following table presents selected condensed financial data for each of the last eight quarters through March 31, 2019, as prepared under US GAAP (U.S. dollars in thousands, except per share information):

Period	Net (Loss)/Income for the Period	Basic Net (Loss)/Income per Common Share	Diluted Net (Loss)/Income per Common Share
June 30, 2017	(1,598)	(0.11)	(0.11)
September 30, 2017	(2,352)	(0.15)	(0.15)
December 31, 2017	(2,290)	(0.15)	(0.15)
March 31, 2018	(1,568)	(0.09)	(0.09)
June 30, 2018	(2,587)	(0.14)	(0.14)
September 30, 2018	(2,749)	(0.14)	(0.14)
December 31, 2018	(2,984)	(0.15)	(0.15)
March 31, 2019	(2,626)	(0.13)	(0.13)

#### Liquidity and Capital Resources

##### U.S. Dollars in thousands

##### Selected Asset and Liability Data:

	March 31, 2019	December 31, 2018
Cash and cash equivalents	\$ 20,231	\$ 22,781
Other current assets	112	169
Current liabilities excluding derivative liabilities	1,451	1,637
Derivative liabilities	-	-
Working capital <sup>(1)</sup>	18,892	21,313

<sup>(1)</sup> [Current assets – current liabilities excluding derivative liability]

##### Selected equity:

Common stock	106,392	106,392
Accumulated deficit	(133,882)	(131,256)
Stockholders' equity	19,206	21,313

Cash and cash equivalents were \$20,231 at March 31, 2019 and \$22,871 at December 31, 2018. The decrease in cash and cash equivalents between March 31, 2019 and December 31, 2018, is the result of cash spent on research and development and general and administrative activities offset by \$66 in interest received on cash balances.

The following table illustrates a summary of cash flow data for the three-month periods of March 31, 2019 and 2018:

Dollar and shares in thousands	Three Months Ended March 31,	
	2019	2018
Selected cash flow data:		
Net cash used in operating activities	\$ (2,479)	\$ (1,727)
Net cash provided by investing activities	-	-
Net cash (used in)/provided by financing activities	(71)	186
<b>Decrease in cash and cash equivalents</b>	<b>\$ (2,550)</b>	<b>\$ (1,541)</b>

Net cash used in operating activities for the three-months ended March 31, 2019 was \$2,479. This is compared to \$1,727 during the same period in 2018. These increases in cash outlays relate to the formulation and manufacturing of registration batches for PEDMARK™ and regulatory submission activities relating to the rolling NDA. The Company capitalized the legal and professional fees associated with securing the Bridge Bank loan facility. This resulted in a \$71 cash outflow being recognized in financing activities for the three-months ended March 31, 2019, compared to \$186 during the same period in 2018. The \$186 provided by financing activities for the three-months ended March 31, 2018, derived from the exercise of 23 options and 50 warrants.

We continue to pursue various strategic alternatives including collaborations with other pharmaceutical and biotechnology companies. Our projections of further capital requirements are subject to substantial uncertainty. Our working capital requirements may fluctuate in future periods depending upon numerous factors, including: our ability to obtain additional financial resources; our ability to enter into collaborations that provide us with up-front payments, milestones or other payments; results of our research and development activities; progress or lack of progress in our preclinical studies or clinical trials; unfavorable toxicology in our clinical programs, our drug substance requirements to support clinical programs; change in the focus, direction, or costs of our research and development programs; headcount expense; the costs involved in preparing, filing, prosecuting, maintaining, defending and enforcing our patent claims; competitive and technological advances; the potential need to develop, acquire or license new technologies and products; our business development activities; new regulatory requirements implemented by regulatory authorities; the timing and outcome of any regulatory review process; and commercialization activities, if any.

### Outstanding Share Information

The outstanding share data for our company as of March 31, 2019 and December 31, 2018 was as follows (in thousands):

	<u>March 31, 2019</u>	<u>December 31, 2018</u>	<u>Change</u>
Common shares	19,896	19,896	-
Warrants	39	-	39
Stock options	2,498	2,498	-
Total	<u>22,433</u>	<u>22,394</u>	<u>39</u>

### Financial Instruments

We invest excess cash and cash equivalents in high credit quality investments held by financial institutions in accordance with our investment policy designed to protect the principal investment. At March 31, 2019, we had approximately \$20,231 in cash accounts (\$19,930 in savings and money market accounts, and \$301 in checking accounts). We have not experienced any loss or write down of our money market investments since inception.

Our investment policy is to manage investments to achieve, in the order of importance, the financial objectives of preservation of principal, liquidity and return on investment. Investments may be made in U.S. or Canadian obligations and bank securities, commercial paper of U.S. or Canadian industrial companies, utilities, financial institutions and consumer loan companies, and securities of foreign banks provided the obligations are guaranteed or carry ratings appropriate to the policy. Securities must have a minimum Dun & Bradstreet rating of A for bonds or R1 low for commercial paper. The policy also provides for investment limits on concentrations of securities by issuer and maximum-weighted average time to maturity of twelve months. This policy applies to all of our financial resources.

The policy risks are primarily the opportunity cost of the conservative nature of the allowable investments. As our main purpose is research and development, we have chosen to avoid investments of a trading or speculative nature.

### Off-Balance Sheet Arrangements

Since our inception, we have not had any material off-balance sheet arrangements. In addition, we do not engage in trading activities involving non-exchange traded contracts. As such, we are not materially exposed to any financing, liquidity, market or credit risk that could arise if we had engaged in such activities.

### Research and Development

Our research and development efforts have been focused on the development of PEDMARK<sup>TM</sup> since 2013.

We have established relationships with contract research organizations, universities and other institutions, which we utilize to perform many of the day-to-day activities associated with our drug development. Where possible, we have sought to include leading scientific investigators and advisors to enhance our internal capabilities. Research and development issues are reviewed internally by our executive management and supporting scientific team.

Research and development expenses for the three months ended March 31, 2019 and 2018 were \$1,671 and \$689, respectively. The Company has increased its research and development expenses related to PEDMARK<sup>TM</sup> as a result of the Company's drug manufacturing activities related to the preparation for registration batches and regulatory expenses associated with the rolling NDA submission of PEDMARK<sup>TM</sup>.

Our product candidate still requires significant, time-consuming and costly research and development, testing and regulatory clearances. In developing our product candidate, we are subject to risks of failure that are inherent in the development of products based on innovative technologies. For example, it is possible that our product candidate will be ineffective or toxic or will otherwise fail to receive the necessary regulatory clearances. There is a risk that our product candidate will be uneconomical to manufacture or market or will not achieve market acceptance. There is also a risk that third parties may hold proprietary rights that preclude us from marketing our product candidate or that others will market a superior or equivalent product. As a result of these factors, we are unable to accurately estimate the nature, timing and future costs necessary to complete the development of this product candidate. In addition, we are unable to reasonably estimate the period when material net cash inflows could commence from the sale, licensing or commercialization of such product candidate, if ever.

### **Critical Accounting Policies and Estimates**

The preparation of financial statements in conformity with US GAAP requires management to make estimates that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities as of the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. These estimates are based on assumptions and judgments that may be affected by commercial, economic and other factors. Actual results could differ from these estimates.

Our accounting policies are consistent with those presented in our annual consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2018.

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

#### **Money Market Investments**

We maintain an investment portfolio consisting of U.S. or Canadian obligations and bank securities and money market investments in compliance with our investment policy. We do not hold any mortgaged-backed investments in our investment portfolio. Securities must have a minimum Dun & Bradstreet rating of A for bonds or R1 low for commercial paper. The policy also provides for investment limits on concentrations of securities by issuer and maximum-weighted average time to maturity of twelve months. This policy applies to all of our financial resources.

At March 31, 2019, we had \$19,930 in money market investments and savings accounts as compared to \$22,012 at December 31, 2018; these investments typically have minimal risk. The financial markets had been volatile resulting in concerns regarding the recoverability of money market investments, but those conditions have stabilized. We have not experienced any loss or write down of our money market investments since inception.

Our investment policy is to manage investments to achieve, in the order of importance, the financial objectives of preservation of principal, liquidity and return on investment. Investments may be made in U.S. or Canadian obligations and bank securities, commercial paper of U.S. or Canadian industrial companies, utilities, financial institutions and consumer loan companies, and securities of foreign banks provided the obligations are guaranteed or carry ratings appropriate to the policy. Securities must have a minimum Dun & Bradstreet rating of A for bonds or R1 low for commercial paper. The policy also provides for investment limits on concentrations of securities by issuer and maximum-weighted average time to maturity of twelve months. This policy applies to all of our financial resources.

#### **Foreign Currency Exposure**

We are subject to foreign currency risks as we purchase goods and services which are denominated in Canadian dollars. To date, we have not employed the use of derivative instruments; however, we do hold Canadian dollars which we use to pay vendors in Canada and other corporate obligations. At March 31, 2019, the Company held approximately \$147 thousand Canadian dollars (\$110 thousand as presented to U.S. dollars). At December 31, 2018, the Company held approximately \$166 thousand Canadian dollars (\$121 thousand as presented into U.S. dollars).

### **Item 4. Controls and Procedures**

#### **(a) *Evaluation of Disclosure Controls and Procedures.***

We maintain "disclosure controls and procedures," as such term is defined in Rule 13a-15(e) under the Exchange Act, that are designed to ensure that information required to be disclosed by us in reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in SEC rules and forms, and that such information is accumulated and communicated to our management, our Chief Executive Officer and our Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure. In designing and evaluating our disclosure controls and procedures, management recognizes that disclosure controls and procedures, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the disclosure controls and procedures are met. Additionally, in designing disclosure controls and procedures, our management necessarily was required to apply its judgment in evaluating the cost-benefit relationship of possible disclosure controls and procedures. Based on this evaluation at the end of the period covered by this Quarterly Report on Form 10-Q, our Chief Executive Officer and our Chief Financial Officer, have concluded that our disclosure controls and procedures were effective at the reasonable assurance level as of March 31, 2019.

#### **(b) *Changes in Internal Control over Financial Reporting***

There have been no other changes in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) during the period covered by this Quarterly Report on Form 10-Q that has materially affected, or is reasonably likely to materially affect our internal control over financial reporting.

## **PART II: OTHER INFORMATION**

### **Item 1. Legal Proceedings.**

None

**Item 1A. Risk Factors.**

Our Annual Report on Form 10-K for the fiscal year ended December 31, 2018, filed with the SEC on March 15, 2019 (the “Annual Report”), includes a detailed discussion of our risk factors under the heading “PART I, Item 1A – Risk Factors.” You should carefully consider the risk factors discussed in our Annual Report, as well as other information in this quarterly report. Any of these risks could cause our business, financial condition, results of operations and future growth prospects to suffer. We are not aware of any material changes from the risk factors previously disclosed.

**Item 2. Recent Sales of Unregistered Securities.**

None

**Item 3. Default Upon Senior Securities.**

None.

**Item 4. Mine Safety Disclosure.**

Not applicable.

**Item 5. Other Information.**

None.

**Item 6. Exhibits**

<b>Exhibit No.</b>	<b>Description</b>
<a href="#"><u>31.1</u></a>	<a href="#"><u>Certification of Chief Executive Officer of the Company in accordance with Section 302 of the Sarbanes-Oxley Act of 2002 (filed herewith).</u></a>
<a href="#"><u>31.2</u></a>	<a href="#"><u>Certification of Chief Financial Officer of the Company in accordance with Section 302 of the Sarbanes-Oxley Act of 2002 (filed herewith).</u></a>
<a href="#"><u>32.1</u></a>	<a href="#"><u>Certification of Chief Executive Officer and Chief Financial Officer of the Company in accordance with Section 906 of the Sarbanes-Oxley Act of 2002 (filed herewith).</u></a>
<a href="#"><u>99.1</u></a>	<a href="#"><u>Press Release for Quarter Ended March 31, 2019 (filed herewith).</u></a>
101.1	Interactive Data File

**SIGNATURES**

Pursuant to requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Fennec Pharmaceuticals Inc.

Date: May 10, 2019

By: /s/ Rostislav Raykov  
Rostislav Raykov  
Chief Executive Officer  
(principal executive officer)

Date: May 10, 2019

By: /s/ Robert Andrade  
Robert Andrade  
Chief Financial Officer  
(principal financial and chief accounting officer)

**FENNEC PHARMACEUTICALS INC  
CERTIFICATION**

I, Rostislav Raykov, certify that:

1. I have reviewed this quarterly report on Form 10-Q for the period ended March 31, 2019 of Fenmec Pharmaceuticals Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the unaudited interim condensed consolidated financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its condensed subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 10, 2019

By: /s/Rostislav Raykov  
Rostislav Raykov  
Chief Executive Officer

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**FENNEC PHARMACEUTICALS INC.  
CERTIFICATION**

I, Robert Andrade, certify that:

1. I have reviewed this quarterly report on Form 10-Q for the period ended March 31, 2019 of Fen nec Pharmaceuticals Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the unaudited interim condensed consolidated financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its condensed subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 10, 2019

By: /s/ Robert Andrade  
Robert Andrade  
Chief Financial Officer

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**CERTIFICATION PURSUANT TO  
18 U.S.C. §1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of Fennec Pharmaceuticals Inc. (the "Company") on Form 10-Q for the period ended March 31, 2019 (the "Report"), each of the undersigned, Rostislav Raykov, Chief Executive Officer of the Company, and Robert Andrade, Chief Financial Officer of the Company, hereby certifies pursuant to 18 U.S.C. §1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

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

Date: May 10, 2019

By: /s/ Rostislav Raykov  
Rostislav Raykov  
Chief Executive Officer

Date: May 10, 2019

By: /s/ Robert Andrade  
Robert Andrade  
Chief Financial Officer

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## FENNEC PROVIDES BUSINESS UPDATE AND ANNOUNCES FIRST QUARTER 2019 FINANCIAL RESULTS

- **Targeting New Drug Application to U.S. FDA for PEDMARK™ in late 2019 to early 2020**
- **Strong financial position with \$20.2 million in cash and no debt**

**Research Triangle Park, NC, May 9, 2019** – Fennec Pharmaceuticals Inc. (NASDAQ:FENC; TSX: FRX), a specialty pharmaceutical company focused on the development of PEDMARK™ (a unique formulation of sodium thiosulfate (STS)) for the prevention of platinum-induced ototoxicity in pediatric patients, today reported its business update and financial results for the first quarter ended March 31, 2019.

"We were very pleased with the production transition of PEDMARK™ API to the new commercial drug substance manufacturing site during the first quarter." said Rosty Raykov, chief executive officer of Fennec. "The strength of our cash balance is of utmost importance to us while we remain on track to complete our submission of the NDA for PEDMARK™ in late 2019 to early 2020. We look forward to providing further updates on our progress."

### Financial Results for the First Quarter 2019

- **Cash Position** - Cash and cash equivalents were \$20.2 million as of March 31, 2019. The reduction in cash balance over the quarter ended March 31, 2019, is the result of cash used for operating activities including the manufacturing and regulatory expenses associated with the regulatory submissions of PEDMARK™.
- **R&D Expenses** - Research and development (R&D) expenses were \$1.7 million for the three months ended March 31, 2019, compared to \$0.7 million for the same period in 2018. The increase in R&D expenses for the comparative three months, is primarily due to activities associated with the regulatory approvals of PEDMARK™.
- **G&A Expenses** - General and administrative (G&A) expenses were \$1.0 million for the three months ended March 31, 2019, compared to \$1.1 million same period in 2018.
- **Net Loss** - Net loss was \$2.6 million and \$1.6 million for the three months ended March 31, 2019 and 2018, respectively.
- **Financial Guidance** - The Company believes its cash and cash equivalents on hand as of March 31, 2019 will be sufficient to fund the Company's planned commercial launch of PEDMARK™ in the second half of 2020.

### Financial Update

The selected financial data presented below is derived from our unaudited condensed consolidated financial statements which were prepared in accordance with U.S. generally accepted accounting principles. The complete interim unaudited consolidated financial statements for the period ended March 31, 2019 and management's discussion and analysis of financial condition and results of operations will be available via [www.sec.gov](http://www.sec.gov) and [www.sedar.com](http://www.sedar.com). All values are presented in thousands unless otherwise noted.

Interim Unaudited Statement of Operations (U.S. Dollars in thousands except per share amounts)	Three Months Ended	
	March 31, 2019	March 31, 2018
<b>Revenue</b>	\$ -	\$ -
<b>Operating expenses</b>		
Research and development	1,671	689
General and administrative	1,009	1,102
Loss from operations	(2,680)	(1,791)
Unrealized gain/(loss)	-	167
Other loss	(12)	(3)
Interest income	66	59
<b>Net loss</b>	\$ (2,626)	\$ (1,568)
<b>Basic and diluted net loss per common share</b>	\$ (0.13)	\$ (0.09)

**Fennec Pharmaceuticals Inc.****Balance Sheets***(U.S. Dollars in thousands)*

	<u>March 31, 2019</u>	<u>December 31, 2018</u>
<b>Assets</b>		
Cash and cash equivalents	\$ 20,231	\$ 22,781
Other current assets	112	169
Non-current assets, net	314	-
<b>Total Assets</b>	<u>\$ 20,657</u>	<u>\$ 22,950</u>

**Liabilities and stockholders' equity**

Current liabilities	\$ 1,451	\$ 1,637
Derivative liabilities	-	-
Total stockholders' equity	19,206	21,313
<b>Total liabilities and stockholders' equity</b>	<u>\$ 20,657</u>	<u>\$ 22,950</u>

**Working Capital****Selected Asset and Liability Data:***(U.S. Dollars in thousands)*

	<u>March 31, 2019</u>	<u>December 31, 2018</u>
Cash and cash equivalents	\$ 20,231	\$ 22,781
Other current assets	112	169
Current liabilities	(1,451)	(1,637)
Working capital	<u>\$ 18,892</u>	<u>\$ 21,313</u>

**Selected Equity:**

Common stock	\$ 106,392	\$ 106,392
Accumulated deficit	(133,882)	(131,256)
Stockholders' equity	19,206	21,313

At March 31, 2019, the Company had working capital balance totaling approximately \$18.9 million compared to \$21.3 million as of December 31, 2018.

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**Dollar and shares in thousands****Selected cash flow data:**

	<b>Three Months Ended March 31,</b>	
	<b>2019</b>	<b>2018</b>
Net cash used in operating activities	\$ (2,479)	\$ (1,727)
Net cash used in investing activities	-	-
Net cash (used in)/provided by financing activities	(71)	186
Decrease in cash and cash equivalents	<u>\$ (2,550)</u>	<u>\$ (1,541)</u>

*Forward looking statements*

Except for historical information described in this press release, all other statements are forward-looking. Forward-looking statements are subject to certain risks and uncertainties inherent in the Company's business that could cause actual results to vary, including such risks that regulatory and guideline developments may change, scientific data may not be sufficient to meet regulatory standards or receipt of required regulatory clearances or approvals, clinical results may not be replicated in actual patient settings, protection offered by the Company's patents and patent applications may be challenged, invalidated or circumvented by its competitors, the available market for the Company's products will not be as large as expected, the Company's products will not be able to penetrate one or more targeted markets, revenues will not be sufficient to fund further development and clinical studies, the Company may not meet its future capital requirements in different countries and municipalities, and other risks detailed from time to time in the Company's filings with the Securities and Exchange Commission including its Annual Report on Form 10-K for the year ended December 31, 2018. Fennec Pharmaceuticals, Inc. disclaims any obligation to update these forward-looking statements except as required by law.

For a more detailed discussion of related risk factors, please refer to our public filings available at [www.sec.gov](http://www.sec.gov) and [www.sedar.com](http://www.sedar.com).

**About PEDMARK™ (Sodium Thiosulfate (STS))**

Cisplatin and other platinum compounds are essential chemotherapeutic components for many pediatric malignancies. Unfortunately, platinum-based therapies cause ototoxicity in many patients, and are particularly harmful to the survivors of pediatric cancer.

In the U.S. and Europe there is estimated that over 10,000 children may receive platinum-based chemotherapy. The incidence of hearing loss in these children depends upon the dose and duration of chemotherapy, and many of these children require lifelong hearing aids. There is currently no established preventive agent for this hearing loss and only expensive, technically difficult and sub-optimal cochlear (inner ear) implants have been shown to provide some benefit. Infants and young children at critical stages of development lack speech language development and literacy, and older children and adolescents lack social-emotional development and educational achievement.

STS has been studied by cooperative groups in two Phase 3 clinical studies of survival and reduction of ototoxicity, The Clinical Oncology Group Protocol ACCL0431 and SIOPEL 6. Both studies are completed. The COG ACCL0431 protocol enrolled one of five childhood cancers typically treated with intensive cisplatin therapy for localized and disseminated disease, including newly diagnosed hepatoblastoma, germ cell tumor, osteosarcoma, neuroblastoma, and medulloblastoma. SIOPEL 6 enrolled only hepatoblastoma patients with localized tumors.

**About Fennec Pharmaceuticals**

Fennec Pharmaceuticals, Inc., is a specialty pharmaceutical company focused on the development of Sodium Thiosulfate (STS) for the prevention of platinum-induced ototoxicity in pediatric patients. Further, PEDMARK™ received Breakthrough Therapy and Fast Track Designation by the FDA in March 2018. Fennec has a license agreement with Oregon Health and Science University (OHSU) for exclusive worldwide license rights to intellectual property directed to STS and its use for chemoprotection, including the prevention of ototoxicity induced by platinum chemotherapy, in humans. For more information, please visit [www.fennecpharma.com](http://www.fennecpharma.com).

**For further information, please contact:**

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Chief Executive Officer  
Fennec Pharmaceuticals Inc.  
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