# FORM 5

# **QUARTERLY LISTING STATEMENT**

Name of Listed Issuer: <u>Defence Therapeutics Inc.</u> (the "Issuer").

Trading Symbol: DTC

SCHEDULE A: FINANCIAL STATEMENTS

SCHEDULE B: SUPPLEMENTARY INFORMATION

SCHEDULE C: MANAGEMENT DISCUSSION AND ANALYSIS

**Certificate Of Compliance** 

The undersigned hereby certifies that:

- 1. The undersigned is a director and/or senior officer of the Issuer and has been duly authorized by a resolution of the board of directors of the Issuer to sign this Quarterly Listing Statement.
- 2. As of the date hereof there is no material information concerning the Issuer which has not been publicly disclosed.
- 3. The undersigned hereby certifies to the Exchange that the Issuer is in compliance with the requirements of applicable securities legislation (as such term is defined in National Instrument 14-101) and all Exchange Requirements (as defined in CNSX Policy 1).
- 4. All of the information in this Form 5 Quarterly Listing Statement is true.

Dated May 27, 2022

Issuer Details Name of Issuer	For Quarter Ended	Date of Report YY/MM/D				
Defence Therapeutics Inc.	March 31, 2022	22/05/27				
Issuer Address						
Suite 1680, 200 Burrard Street						
City/Province/Postal Code	Issuer Fax No.	Issuer Telephone No.				
Vancouver, BC, V6C 3L6		(514) 947-2272				
Contact Name	Contact Position	Contact Telephone No.				
Sébastien Plouffe	CEO	(514) 947-2272				
Contact Email Address	Web Site Address	3				
sebas.plouffe@gmail.com	www.defencetherapeutics.com					

# SCHEDULE A. FINANCIAL STATEMENTS FOR THE QUARTER ENDED MARCH 31, 2022

# Condensed Interim Financial Statements

Nine Months Ended March 31, 2022

(Unaudited – Expressed in Canadian Dollars)

Nine Months Ended March 31, 2022

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# NOTICE OF NO AUDITOR REVIEW OF CONDENSED INTERIM FINANCIAL STATEMENTS

Under National Instrument 51-102, Part 4, subsection 4.3(3) (a), if an auditor has not performed a review of the interim financial statements, they must be accompanied by a notice indicating that the financial statements have not been reviewed by an auditor.

The accompanying unaudited condensed interim financial statements of the Company have been prepared by and are the responsibility of the Company's management.

The Company's independent auditor has not performed a review of these condensed interim financial statements in accordance with standards established by the Chartered Professional Accountants of Canada for a review of condensed interim financial statements by an entity's auditor.

May 27, 2022

# Defence Therapeutics Inc. Condensed Interim Statements of Financial Position (Expressed in Canadian Dollars)

	M	arch 31, 2022	June 30, 2021			
		(unaudited)				
Assets						
Current						
Cash	\$	1,589,139	\$	5,452,906		
Sales tax receivable		22,100		71,624		
Prepaids		169,146		38,693		
		1,780,385		5,563,223		
Intangible Assets (note 7)		46,018		46,018		
	\$	1,826,403	\$	5,609,241		
Liabilities						
Current						
Accounts payable and accrued liabilities (note 8)	\$	312,133	\$	122,256		
Shareholders' Equity						
Share Capital (note 9)		9,005,465		7,971,160		
Share-based Payments Reserve (note 9)		1,207,086		1,048,435		
Deficit		(8,698,281)		(3,532,610		
		1,514,270		5,486,985		
	\$	1,826,403	\$	5,609,241		

Going Concern (note 2) Commitments (note 11) Subsequent Events (note 12)

Approved on behalf of the Board of Directors:

"Sébastien Plouffe"	"Raimar Löbenberg"
Director	Director
Sébastien Plouffe	Raimar Löbenberg

Defence Therapeutics Inc. Condensed Interim Statements of Comprehensive Loss (Unaudited – Expressed in Canadian Dollars)

		Three Months Ended March 31, 2022		Ended Ended March 31, March 31,			line Months Ended March 31, 2022	Nine Months Ended March 31, 2021		
Expenses										
Accounting and legal	\$	76,614	\$	103,095	\$	126,834	\$	210,450		
Advertising and promotion	*	512,288	-	525	-	2,039,136	-	44,235		
Consulting fees (note 8)		39,996		18,000		100,977		36,000		
Foreign exchange loss		17,423		, -		17,423		-		
Management fees (note 8)		42,744		50,992		119,985		102,360		
Office and general		12,619		7,365		51,828		9,280		
Research and lab fees (note 8) Share-based compensation (notes 8 and 9)		988,300		380,185 112,122		2,390,834 283,351		611,853 141,866		
Transfer agent and filings fees		4,636		18,462		35,303		18,462		
Net Loss and Comprehensive Loss for the Period	\$	(1,694,620)	\$	(690,746)	\$	(5,165,671)	\$	(1,174,506)		
Basic and Diluted Loss Per Share	\$	(0.05)	\$	(0.02)	\$	(0.14)	\$	(0.05)		
Weighted Average Number of Common Shares Outstanding – Basic and Diluted		36,133,815		28,658,723		35,926,504		24,657,464		

Defence Therapeutics Inc.
Condensed Interim Statements of Changes in Equity
(Unaudited – Expressed in Canadian Dollars)

	Share Capital Number of Common Shares Share Capital										
			Share-based Special Payments Warrants Reserve			Deficit			Total		
Balance, June 30, 2020	18,465,714	\$	2,396,829	\$	-	\$	140,121	\$	(673,356)	\$	1,863,594
Private placement	8,823,000		2,488,050		3,682,200		-		-		6,170,250
Share issue costs	302,960		(1,016,735)		-		453,098		-		(563,637)
Shares issued on exercise of warrants	1,070,100		160,515		-		-		-		160,515
Fair value transferred on exercise of warrants	-		98,777		-		(98,777)		-		-
Share-based compensation	-		-		-		141,866		-		141,866
Net loss and comprehensive loss for the period	-		-		-		-		(1,174,506)		(1,174,506)
Balance, March 31, 2021	28,661,774		4,127,436		3,682,200		636,308		(1,847,862)		6,598,082
Shares issued on exercise of special warrants	6,137,000		3,682,200		(3,682,200)		-		-		-
Shares issued on exercise of warrants	422,000		109,500		-		-		-		109,500
Fair value transferred on exercise of warrants	-		52,024		-		(52,024)		-		-
Share-based compensation	-		-		-		464,151		-		464,151
Net loss and comprehensive loss for the period	-		-						(1,684,748)		(1,684,748)
Balance, June 30, 2021	35,220,774		7,971,160		_		1,048,435		(3,532,610)		5,486,985
Shares issued on exercise of warrants	1,098,100		909,605		-		-		-		909,605
Fair value transferred on exercise of warrants	· · ·		124,700		-		(124,700)		_		-
Share-based compensation	_		-		-		283,351		_		283,351
Net loss and comprehensive loss for the period	-		-		-		<u>-</u>		(5,165,671)		(5,165,671)
Balance, March 31, 2022	36,318,874	\$	9,005,465	\$		\$	1,207,086	\$	(8,698,281)	\$	1,514,270

Defence Therapeutics Inc. Condensed Interim Statements of Cash Flows For the Nine Months Ended March 31, (Unaudited – Expressed in Canadian Dollars)

	2022	2021
Operating Activities		
Net loss for the period	\$ (5,165,671)	\$ (1,174,506)
Item not involving cash		
Share-based compensation	283,351	141,866
Changes in non-cash working capital		
Sales tax receivable	49,524	(37,518)
Prepaids	(130,453)	(31,396)
Accounts payable and accrued liabilities	189,877	108,571
Cash Used in Operating Activities	(4,773,372)	(992,983)
Financing Activities		
Shares issued for cash	909,605	2,648,565
Special warrants issued for cash	-	3,682,200
Share issue costs	-	(563,637)
Cash Provided by Financing Activities	909,605	5,767,128
Inflow (Outflow) of Cash	(3,863,767)	4,774,145
Cash, Beginning of Period	5,452,906	1,865,927
Cash, End of Period	\$ 1,589,139	\$ 6,640,072
Supplemental Disclosure with Respect to Cash Flows		
Income tax paid	\$ _	\$ -
Interest paid	\$ _	\$ _
Fair value of finder's warrants issued	\$ -	\$ 323,643
Fair value transferred on exercise of warrants	\$ 124,700	\$ 98,777

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021 (Unaudited – Expressed in Canadian Dollars)

#### 1. NATURE OF OPERATIONS

Defence Therapeutics Inc. (the "Company") was incorporated as Accum Therapeutics Inc. on July 18, 2017, under the laws of the province of Québec. The Company changed its name to Defence Therapeutics Inc. on March 26, 2020 and was continued into British Columbia on July 10, 2020. Its principal business activity is the development of a biological drug enhancer platform that improves the efficacy and safety of a multitude of biological-/biosimilar-based pharmaceuticals used in the treatment of cancer and infectious diseases. The Company's head office address and registered and records office is 1680 - 200 Burrard Street, Vancouver, British Columbia, Canada, V6C 3L6.

On April 30, 2021, the Company became a reporting issuer, and on May 7, 2021, the Company's Common Shares were listed on the Canadian Securities Exchange ("CSE") and began trading under the symbol "DTC".

#### 2. GOING CONCERN

These condensed interim financial statements have been prepared on the basis of accounting principles applicable to a going concern, which assumes 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 operations.

The Company's ability to continue its operations and to realize assets at their carrying value is dependent upon its ability to generate positive cash flows and/or obtain additional financing sufficient to fund its development and operating costs. The Company may be able to generate working capital to fund its operations by raising additional capital through equity markets. However, there is no assurance it will be able to raise funds in the future. Based on its current plans, budgeted expenditures and cash requirements, the Company has sufficient cash to finance its current plans for at least twelve months from the date the condensed interim financial statements are issued. These condensed interim financial statements do not give effect to any adjustments required to realize its assets and discharge its liabilities in other than the normal course of business and at amounts different from those reflected in the accompanying condensed interim financial statements.

If the going concern assumption were not appropriate for these condensed interim financial statements, then adjustments may be necessary in the carrying values of assets and liabilities, the reported expenses and the statement of financial position classifications used. Such adjustments could be material.

In early March 2020, there was a global outbreak of coronavirus (COVID-19). The effects of COVID-19 could delay any future clinical trials, the magnitude of which will depend, in part, on the length and severity of the restrictions and other limitations on the Company's ability to conduct business in the ordinary course. These and similar, and perhaps more severe, disruptions to operations could negatively impact the Company's business, financial condition and results of operations, including the ability to obtain financing.

# 3. BASIS OF PREPARATION

# a) Statement of compliance

The condensed interim financial statements of the Company have been prepared in accordance with International Accounting Standard 34 *Interim Financial Reporting*.

The condensed interim financial statements of the Company should be read in conjunction with the Company's June 30, 2021 audited financial statements, which have been prepared in accordance with International Financial Reporting Standards, as issued by the International Accounting Standards Board.

These condensed interim financial statements were reviewed by the Audit Committee and approved and authorized for issue by the Board of Directors on May 27, 2022.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021

(Unaudited – Expressed in Canadian Dollars)

# 3. BASIS OF PREPARATION (Continued)

#### b) Basis of measurement

These condensed interim financial statements have been prepared under the historical cost basis, except for certain financial instruments, which are measured at fair value, as explained in the significant accounting policies (note 4). These condensed interim financial statements have been prepared under the accrual basis of accounting, except for cash flow information.

# 4. SIGNIFICANT ACCOUNTING POLICIES

These condensed interim financial statements have been prepared, for all periods presented, following the same accounting policies and methods of computation as described in note 4 to the audited financial statements for the year ended June 30, 2021.

#### 5. CRITICAL ACCOUNTING ESTIMATES AND JUDGMENTS

The Company makes estimates and assumptions about the future that affect the reported amounts of assets and liabilities. Estimates and judgments are continually evaluated based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. In the future, actual experience may differ from these estimates and assumptions.

The effect of a change in an accounting estimate is recognized prospectively by including it in comprehensive income/loss in the year of the change, if the change affects that year only, or in the year of the change and future years, if the change affects both.

Critical judgments in applying accounting policies

Information about critical judgments in applying accounting policies that have the most significant risk of causing material adjustment to the carrying amounts of assets and liabilities recognized in the condensed interim financial statements within the next fiscal year are discussed below.

# a) Going concern risk assessment

The assessment of the Company's ability to continue as a going concern requires significant judgment. The condensed interim financial statements have been prepared on the basis of accounting principles applicable to a going concern, as disclosed in note 2.

# b) Impairment of intangible assets

The application of the Company's accounting policy for intangible assets and impairment of the capitalized expenditures requires judgment in determining whether it is likely that future economic benefits will flow to the Company, which may be based on assumptions about future events or circumstances. Estimates and assumptions made may change if new information becomes available. If, after expenditure is capitalized, information becomes available suggesting that the recovery of expenditure is unlikely, the amount capitalized is written off in profit or loss in the year the new information becomes available.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021

(Unaudited – Expressed in Canadian Dollars)

#### 6. FINANCIAL INSTRUMENTS

Financial instruments are agreements between two parties that result in promises to pay or receive cash or equity instruments. The Company classifies its financial instruments as follows: cash is classified as fair value through profit or loss; and accounts payable and accrued liabilities, as amortized cost. The carrying values of these instruments approximate their fair values due to their short term to maturity.

The following table sets forth the Company's financial asset measured at fair value by level within the fair value hierarchy:

March 31, 2022	Level 1	Level 2	Level 3	Total
Cash	\$ 1,589,139	\$ -	\$ -	\$ 1,589,139
June 30, 2021	Level 1	Level 2	Level 3	Total
Cash	\$ 5,452,906	\$ -	\$ -	\$ 5,452,906

The Company has exposure to the following risks from its use of financial instruments:

- Credit risk;
- Liquidity risk; and
- Market risk.

#### a) Credit risk

Credit risk is the risk that one party to a financial instrument will cause a financial loss for the other party by failing to discharge an obligation. The Company manages credit risk, in respect of cash, by placing it at major Canadian financial institutions. The Company has minimal credit risk. The sales tax receivable balance of \$22,100 (June 30, 2021 - \$71,624) is owing from the Canada Revenue Agency.

# b) Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due. The Company's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquid funds to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Company's reputation. The contractual financial liabilities of the Company as of March 31, 2022 equal \$312,133 (June 30, 2021 - \$122,256). All of the liabilities presented as accounts payable are due within 30 days of the reporting date.

# c) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates and interest rates, will affect the Company's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return on capital.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021 (Unaudited – Expressed in Canadian Dollars)

# **6. FINANCIAL INSTRUMENTS** (Continued)

#### c) Market risk (continued)

- i) Currency risk The Company has no funds held in a foreign currency and holds a material amount of accounts payable and accrued liabilities in United States dollars. A fluctuation in the exchange rate between the Canadian and United States dollar of 10% would result in a \$7,000 change in the Company's accounts payable and accrued liabilities. The Company does not use any techniques to mitigate currency risk.
- ii) Interest rate risk Interest rate risk is the risk that future cash flows will fluctuate as a result of changes in market interest rates. Interest earned on cash is at nominal interest rates, and therefore, the Company does not consider interest rate risk to be significant. The Company has no interest-bearing financial liabilities.
- iii) Other price risk Other price risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate due to changes in market prices, other than those arising from interest rate risk. The Company is not exposed to significant other price risk.

# d) Capital management

The Company considers its capital to be comprised of shareholders' equity.

The Company manages the capital structure and makes adjustments to it in light of changes in economic conditions and the risk characteristics of the underlying assets. To maintain or adjust the capital structure, the Company may attempt to issue new shares. Although the Company has been successful at raising funds in the past through the issuance of share capital, it is uncertain whether it will continue this method of financing due to the current difficult market conditions.

In order to facilitate the management of its capital requirements, the Company prepares expenditure budgets that are updated as necessary depending on various factors, including successful capital deployment and general industry conditions.

Management reviews the capital structure on a regular basis to ensure that the above objectives are met. There have been no changes to the Company's approach to capital management during the nine months ended March 31, 2022. The Company is not subject to externally imposed capital requirements.

#### 7. INTELLECTUAL PROPERTY AND INTANGIBLE ASSETS

On May 12, 2017, prior to the incorporation of the Company, a precursor entity to the Company and a former principal of the Company, entered into an Intellectual Property Assignment and Royalty Agreement (the "Original IP Assignment and Royalty Agreement") with TransferTech Sherbrooke, a limited liability partnership ("TTS"), and Jeffrey Victor Leyton ("Leyton"), a professor at the Université de Sherbrooke. The Original IP Assignment and Royalty Agreement assigns Leyton's invention known as "Novel Immunoconjugates with cholic acid nuclear localization sequence peptide and uses thereof" (the "Accum Invention") and any related intellectual property to the Company.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021 (Unaudited – Expressed in Canadian Dollars)

# 7. INTELLECTUAL PROPERTY AND INTANGIBLE ASSETS (Continued)

On May 20, 2020, the Company and TTS entered into an amended and restated Intellectual Property Assignment and Royalty Agreement (the "Amended IP Assignment and Royalty Agreement"), which amends and restates the Original IP Assignment and Royalty Agreement, assigning the Accum Invention and any related intellectual property to the Company in exchange for consideration as follows:

- \$25,000 upon completion of the agreement (paid); and
- The issuance of 2,085,714 Common Shares of the Company (issued and valued at \$312,857).

The Company must also make milestone payments related to the Accum Invention and any related or derivative inventions as follows:

- \$10,000 within 30 days of the completion of the first non-rodent positive toxicology study;
- \$25,000 within 30 days of the recruitment of the first phase 1 patient;
- \$50,000 within 30 days of the recruitment of the first phase 2 patient;
- \$100,000 within 30 days of the recruitment of the first phase 3 patient; and
- \$250,000 within 30 days of the first regulatory approval from a relevant registration authority.

In addition, the Company must pay a royalty of 3% calculated on the net revenues and all commercial activities involving the Accum Invention, and 4% calculated on the net revenues and all commercial activities involving any related or derivative inventions.

The Company was also required to enter into a research contract for a minimum of \$45,000 (completed). During the nine months ended March 31, 2022, the research contract was terminated and the \$45,000 was refunded to the Company.

The Company has determined that the cash and share consideration paid for the Amended IP Assignment and Royalty Agreement, along with the costs of the research contract, do not qualify as development costs. Accordingly, the amounts have been expensed to research and lab fees.

The Company has capitalized the following amounts as intangible assets:

	ntellectual Property
Cost	
Balance at June 30, 2020, June 30, 2021 and March 31, 2022	\$ 46,018

On December 1, 2020, the Company entered into an option and right of first refusal agreement to acquire intellectual property. In order to acquire the intellectual property, the Company paid \$25,000 and must make additional payments as follows:

- Up to \$200,000 in development costs on or before March 31, 2023 to exercise the option;
- \$75,000 upon completion of the acquisition;
- A minimum of \$200,000 related to a service agreement for continuing development to be entered into between the Company and the vendor at a future date within 36 months of the option exercise date; and
- \$100,000 upon submission of a patent for the intellectual property.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021

(Unaudited – Expressed in Canadian Dollars)

# 7. INTELLECTUAL PROPERTY AND INTANGIBLE ASSETS (Continued)

The Company's Chief Technical Scientific Officer is an officer of the vendor. The Company has determined the costs do not qualify as development costs. Accordingly, the amounts have been expensed to research and lab fees.

# 8. RELATED PARTY TRANSACTIONS

These amounts of key management compensation are included in the amounts shown on the condensed interim statements of comprehensive loss:

	Nine Months Ended March 31, 2022			Nine Months Ended March 31, 2021		
Consulting fees	\$	54,000	\$	36,000		
Management fees		119,985		102,360		
Research and lab fees		97,736		65,115		
Share-based compensation		248,503		140,300		
	\$	520,224	\$	343,775		

During the year ended June 30, 2021, the Company entered into various consulting agreements that included key management (note 11).

During the nine months ended March 31, 2022, the Company paid research and lab fees of \$263,794 (2021 - \$202,761) to companies in which management and directors are principals.

As at March 31, 2022, the Company had accounts payable of \$40,443 (June 30, 2021 - \$8,623) with companies controlled by officers and directors. The balances owing are unsecured, non-interest-bearing and have no specific terms of repayment.

# 9. SHARE CAPITAL

#### a) Authorized

Unlimited Class A Common Shares, voting, participating, without par value ("Common Shares");

On December 9, 2021, the Company amended its Articles of Incorporation to remove the Class A Special Shares, Class B Common Shares, Class B Special Shares, Class C Common Shares, Class C Special Shares and Class D Special Shares from its authorized share capital. The amendment did not result in any changes to the issued and outstanding share capital.

# b) Issued and outstanding

# During the nine months ended March 31, 2022

During the nine months ended March 31, 2022, the Company received \$909,605 on the exercise of 1,098,100 warrants. The Company transferred \$124,700 from the share-based payments reserve to share capital in relation to the exercise.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021 (Unaudited – Expressed in Canadian Dollars)

# 9. SHARE CAPITAL (Continued)

b) Issued and outstanding (continued)

During the year ended June 30, 2021

On August 31, 2020, the Company closed the second tranche of a private placement for gross proceeds of \$630,000. The Company issued 4,200,000 Common Shares at a price of \$0.15 per share. The Company paid finder's fees of \$34,650 and issued 189,000 finder's shares valued at \$28,350 and 420,000 finder's warrants valued at \$50,438 (note 9(c)). Each finder's warrant is exercisable into one Common Share of the Company at a price of \$0.15 for a period of 36 months following the date the Company becomes a reporting issuer in any province or territory.

On October 9, 2020, the Company closed the third and final tranche of a private placement for gross proceeds of \$305,250. The Company issued 2,035,000 Common Shares at a price of \$0.15 per share. The Company paid finder's fees of \$13,431 and issued 113,960 finder's shares valued at \$17,094 and 203,500 finder's warrants valued at \$24,287 (note 9(c)). Each finder's warrant is exercisable into one Common Share of the Company at a price of \$0.15 for a period of 36 months following the date the Company becomes a reporting issuer in any province or territory. The Company incurred other share issue costs of \$5,556.

On December 24, 2020, the Company closed a private placement and issued 6,000,000 special warrants at a price of \$0.60 per special warrant, for gross proceeds of \$3,600,000. The Company also issued 2,584,000 units at a price of \$0.60 per unit, for gross proceeds of \$1,550,400. The special warrants are deemed to be exercised into one Common Share of the Company and one share purchase warrant on the earlier of three business days after the Company receives a prospectus receipt and April 25, 2021. Each warrant is exercisable into one Common Share of the Company at a price of \$1.25 for a period equal to the shorter of two years after the Company's shares are listed on the CSE and December 24, 2025. The units consist of one Common Share and one share purchase warrant, with each warrant being exercisable into one Common Share of the Company at a price of \$1.25 for a period equal to the shorter of 24 months after the Company's shares are listed on the CSE and December 24, 2025. The Company paid finder's fees of \$510,000 and issued 850,000 finder's warrants valued at \$378,373 (note 9(c)). Each finder's warrant is exercisable into one Common Share of the Company at a price of \$0.60 for a period of 24 months following the date the Company becomes a reporting issuer in any province or territory.

On January 25, 2021, the Company closed a private placement and issued 137,000 special warrants at a price of \$0.60 per special warrant, for gross proceeds of \$82,200. The Company also issued 4,000 units at a price of \$0.60 per unit, for gross proceeds of \$2,400. The special warrants are deemed to be exercised into one Common Share of the Company and one share purchase warrant on the earlier of three business days after the Company receives a prospectus receipt and May 26, 2021. Each warrant is exercisable into one Common Share of the Company at a price of \$1.25 for a period equal to the shorter of two years after the Company's shares are listed on the CSE and January 25, 2026. The units consist of one Common Share and one share purchase warrant, with each warrant being exercisable into one Common Share of the Company at a price of \$1.25 for a period equal to the shorter of 24 months after the Company's shares are listed on the CSE and January 25, 2026.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021 (Unaudited – Expressed in Canadian Dollars)

# 9. SHARE CAPITAL (Continued)

#### b) Issued and outstanding (continued)

# During the year ended June 30, 2021 (continued)

On April 25, 2021 and May 5, 2021, the Company's outstanding 6,137,000 special warrants were deemed to be exercised into one Common Share of the Company and one share purchase warrant. The Company transferred \$3,682,200 from special warrants to share capital in relation to the exercise.

During the year ended June 30, 2021, the Company received \$270,015 on the exercise of 1,492,100 warrants. The Company transferred \$150,801 from the share-based payments reserve to share capital in relation to the exercise.

# c) Warrants

Warrant transactions and the number of warrants outstanding are summarized as follows:

	Nine Mon March 3		Year I June 30	
		Weighted		Weighted
	Number of	Average	Number of	Average
	Warrants	Exercise Price	Warrants	Exercise Price
Outstanding, beginning of period	10,224,400	\$ 1.12	1,518,000	\$ 0.15
Issued	-	-	10,198,500	\$ 1.13
Exercised	(1,098,100)	\$ 0.83	(1,492,100)	\$ 0.18
Outstanding, end of period	9,126,300	\$ 1.16	10,224,400	\$ 1.12

The following warrants were outstanding and exercisable at March 31, 2022:

	Weighted Average Remaining Contractual Life in		
Expiry Date	Years	Exercise Price	March 31, 2022
April 30, 2023	1.08	\$ 0.60	630,800
May 7, 2023	1.10	\$ 1.25	8,095,500
April 30, 2024	2.08	\$ 0.15	400,000
	1.14		9,126,300

The Company applies the fair value method using the Black-Scholes option pricing model in accounting for its finder's warrants issued. There were no finder's warrants issued during the nine months ended March 31, 2022. During the year ended June 30, 2021, 1,473,500 finder's warrants were issued with a fair value of \$453,098.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021 (Unaudited – Expressed in Canadian Dollars)

# 9. SHARE CAPITAL (Continued)

#### c) Warrants (continued)

The fair value of each finder's warrant issued was calculated using the following weighted average assumptions:

	Nine Months Ended March 31, 2022	Year Ended June 30, 2021
Expected life (years)	N/A	2.42
Risk-free interest rate	N/A	0.27%
Annualized volatility	N/A	154%
Dividend yield	N/A	N/A
Stock price at grant date	N/A	\$ 0.41
Exercise price	N/A	\$ 0.41
Weighted average grant date fair value	N/A	\$ 0.31

Option pricing models require the input of highly subjective assumptions regarding volatility. The Company has estimated the volatility of the share price based on comparable start-up companies' volatilities.

During the nine months ended March 31, 2022, the Company transferred \$124,700 (year ended June 30, 2021 - \$150,801) from the share-based payments reserve to share capital, as 1,098,100 (year ended June 30, 2021 - 1,492,100) finder's warrants were exercised.

# d) Stock options

The Company has a stock option plan to grant incentive stock options to directors, officers, employees and consultants. Under the plan, the aggregate number of Common Shares that may be subject to option at any one time may not exceed 10% of the issued Common Shares of the Company as of that date, including options granted prior to the adoption of the plan. Options granted may not exceed a term of 10 years. All options vest when granted unless they are otherwise specified by the Board of Directors.

Stock option transactions and the number of stock options outstanding are summarized as follows:

	Nine Months Ended March 31, 2022		Year I June 3	Ended 0, 2021
	Weighted Number of Average Warrants Exercise Price		Number of Warrants	Weighted Average Exercise Price
Outstanding, beginning of period	1,500,000	\$ 1.53	-	\$ -
Issued	60,000	\$ 6.64	1,500,000	\$ 1.53
Outstanding, end of period	1,560,000	\$ 1.73	1,500,000	\$ 1.53

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021 (Unaudited – Expressed in Canadian Dollars)

# 9. SHARE CAPITAL (Continued)

# d) Stock options (continued)

The following stock options were outstanding and exercisable at March 31, 2022:

Expiry Date	Weighted Average Remaining Contractual Life in Years	Exercise Price	Outstanding	Exercisable
May 10, 2022 (note 12(b))	0.11	\$ 2.56	100,000	100,000
June 17, 2022	0.21	\$ 7.05	50,000	50,000
August 30, 2022	0.42	\$ 7.35	10,000	10,000
October 9, 2023	1.53	\$ 1.25	700,000	700,000
October 23, 2023	1.56	\$ 1.25	250,000	250,000
January 5, 2024	1.77	\$ 1.25	400,000	400,000
November 9, 2024	2.61	\$ 6.50	50,000	50,000
	1.49		1,560,000	1,560,000

The Company applies the fair value method using the Black-Scholes option pricing model in accounting for its stock options granted. Accordingly, share-based payments of \$283,351 (year ended June 30, 2021 - \$606,017) were recognized during the nine months ended March 31, 2022.

The fair value of each stock option granted was calculated using the following weighted average assumptions:

	Nine Months Ended March 31, 2022	Year Ended June 30, 2021
Expected life (years)	2.67	2.80
Risk-free interest rate	0.89%	0.24%
Annualized volatility	139%	148%
Dividend yield	N/A	N/A
Stock price at grant date	\$ 6.53	\$ 0.67
Exercise price	\$ 6.64	\$ 1.53
Weighted average grant date fair value	\$ 4.72	\$ 0.40

Option pricing models require the input of highly subjective assumptions regarding volatility. The Company has estimated the volatility of the share price based on comparable start-up companies' volatilities.

# e) Escrow shares

At March 31, 2022, there were 1,639,500 Common Shares owned by directors and officers held in escrow; 327,900 Common Shares will be released from escrow on each of the following dates: May 7, 2022, November 7, 2022, May 7, 2023, November 7, 2023 and May 7, 2024.

Notes to the Condensed Interim Financial Statements For the Nine Months Ended March 31, 2022 and 2021 (Unaudited – Expressed in Canadian Dollars)

# 9. SHARE CAPITAL (Continued)

e) Escrow shares (continued)

Additionally, at March 31, 2022, there were 1,564,285 Common Shares held in escrow; 312,857 Common Shares will be released from escrow on each of the following dates: May 7, 2022, November 7, 2023, May 7, 2023, November 7, 2023 and May 7, 2024.

# 10. SEGMENTED DISCLOSURE

The Company has one operating segment, being research and development. All of the Company's assets are located in Canada.

#### 11. COMMITMENTS

On September 18, 2020 and October 23, 2020, the Company entered into consulting agreements with its Chief Executive Officer, Chief Financial Officer, Corporate Secretary and Chief Technical Scientific Officer. The consulting agreements have indefinite terms and monthly fees totalling \$25,760. In the event the agreements are terminated by the Company or the consultants as a result of a change in control, the Company would be required to pay a total of \$77,250 to the consultants.

# 12. SUBSEQUENT EVENTS

- a) Subsequent to March 31, 2022, the Company received proceeds of \$177,420 on the exercise of 295,700 warrants.
- b) Subsequent to March 31, 2022, 100,000 stock options expired unexercised.
- c) On May 10, 2022, the Company granted 100,000 stock options to a consultant at an exercise price of \$3 and with a term to expiry of one year.

# SCHEDULE B: SUPPLEMENTARY INFORMATION

# 1. Related party transactions

Provide disclosure of all transactions with a Related Person, including those previously disclosed on Form 10. Include in the disclosure the following information about the transactions with Related Persons:

(a) A description of the relationship between the transacting parties. Be as precise as possible in this description of the relationship. Terms such as affiliate, associate or related company without further clarifying details are not sufficient.

See below.

(b) A description of the transaction(s), including those for which no amount has been recorded.

No transactions of this nature exist.

(c) The recorded amount of the transactions classified by financial statement category.

See below.

(d) The amounts due to or from Related Persons and the terms and conditions relating thereto.

See below.

(e) Contractual obligations with Related Persons, separate from other contractual obligations.

During the year ended June 30, 2021, the Company entered into various consulting agreements with:

- Patrick Joseph Meagher, CFO and Director, and Meagher Consulting Inc.
- Simon Beaudoin, Chief Technical Science Officer, and 9368-4272
   Quebec Inc.
- Carrie Cesarone, Corporate Secretary, and Athena Ventures Inc.
- Sébastien Plouffe, President, CEO and Director, and Sediamek Inc.

- (f) Contingencies involving Related Persons, separate from other contingencies.
  - (i) These amounts of key management compensation are included in the amounts shown on the condensed interim statements of comprehensive loss:
    - Consulting fees of \$54,000 were paid to Carrie Cesarone, the Corporate Secretary;
    - Management fees of \$65,985 were paid to Sébastien Plouffe, the Chief Executive Officer, and includes provincial taxes not refundable to the Company;
    - Management fees of \$54,000 were paid to Joseph Meagher, the Chief Financial Officer; and
    - Research and lab fees of \$97,736 were paid to Dr. Simon Beaudoin, the Chief Technical Scientific Officer, and includes provincial taxes not refundable to the Company;
  - (ii) During the nine months ended March 31, 2022, the Company paid (inclusive of provincial taxes not refundable to the Company):
    - Research and lab fees of \$195,249 to Axiom Services Inc., a company in which the Company's VP of Research and Development is a principal; and
    - Research and lab fees of \$68,545 to WASSC Technologie Inc., a company owned and controlled by the Company's Chief Technical Scientific Officer.
- 2. Summary of securities issued and options granted during the period.

Provide the following information for the period beginning on the date of the last Listing Statement (Form 2A):

- (a) summary of securities issued during the period,
  - See item 9(b) of notes to attached financial statements.
- (b) summary of options granted during the period,

Date	Number	Name of Optionee if Related Person and relationship	Generic description of other Optionees	Exercise Price	Expiry Date	Market Price on date of Grant
August 30, 2021	10,000	N/A	Consultant	\$7.35	August 30, 2022	\$7.35
November 9, 2021	6,500	Riam Shammaa, Director	N/A	\$6.50	November 9, 2024	\$6.35

3. Summary of securities as at the end of the reporting period.

Provide the following information in tabular format as at the end of the reporting period:

(a) description of authorized share capital including number of shares for each class, dividend rates on preferred shares and whether or not cumulative, redemption and conversion provisions,

See item 9(a) of notes to attached financial statements.

(b) number and recorded value for shares issued and outstanding,

See Condensed Interim Statements of Changes in Equity (Deficiency) in attached financial statements.

(c) description of options, warrants and convertible securities outstanding, including number or amount, exercise or conversion price and expiry date, and any recorded value, and

See items 9(c) and (d) of notes to attached financial statements.

(d) number of shares in each class of shares subject to escrow or pooling agreements or any other restriction on transfer.

See item 9(e) of notes to attached financial statements.

4. List the names of the directors and officers, with an indication of the position(s) held, as at the date this report is signed and filed.

Sébastien Plouffe – Chief Executive Officer and Director P. Joseph Meagher – Chief Financial Officer and Director Raimar Löbenberg – Director Sarkis Meterissian – Director

Dr. Mouti Dr. Simo	Shammaa h Rafei – \ n Beaudoir esarone – (	/ice Presi n – Chief∃	dent, Res Fechnical	Science	Developn Officer	nent, and	Director



# FORWARD-LOOKING INFORMATION AND MATERIAL ASSUMPTIONS

This report on results for the nine months ended March 31, 2022 contains forward-looking information, including forward-looking information about Defence Therapeutic Inc.'s (formerly Accum Therapeutics Inc.) (the "Company" or "Defence") operations, estimates, and research and development.

Forward-looking information is generally signified by words such as "forecast", "projected", "expect", "anticipate", "believe", "will", "should" and similar expressions. This forward-looking information is based on assumptions that the Company believes were reasonable at the time such information was prepared, but assurance cannot be given that these assumptions will prove to be correct, and the forward-looking information in this report should not be unduly relied upon. The forward-looking information and the Company's assumptions are subject to uncertainties and risks and are based on a number of assumptions made by the Company, any of which may prove to be incorrect.

# **GENERAL**

This Management Discussion and Analysis ("MD&A") of the financial condition, results of operations and cash flows of the Company for the nine months ended March 31, 2022 should be read in conjunction with the condensed interim financial statements as at March 31, 2022. This MD&A is effective May 27, 2022. Additional information relating to the Company is available on SEDAR at <a href="https://www.sedar.com">www.sedar.com</a>.

The Company has prepared its condensed interim financial statements for nine months ended March 31, 2022 in Canadian dollars and in accordance with International Financial Reporting Standards, as issued by the International Accounting Standards Board.

# **DESCRIPTION OF BUSINESS**

The Company was incorporated as Accum Therapeutics Inc. on July 18, 2017, under the laws of the province of Québec. The Company changed its name to Defence Therapeutics Inc. on March 26, 2020 and was continued into British Columbia on July 10, 2020. Its principal business activity is the development of a biological drug enhancer platform that improves the efficacy and safety of a multitude of biological/biosimilar-based pharmaceuticals used in the treatment of cancer and infectious diseases. The Company's head office address and registered and records office is 1680 - 200 Burrard Street, Vancouver, British Columbia, Canada, V6C 3L6.

On April 30, 2021, the Company became a reporting issuer, and on May 7, 2021, the Company's Common Shares were listed on the Canadian Securities Exchange ("CSE") and began trading under the symbol "DTC".

# **BUSINESS OF THE COMPANY**

On May 12, 2017, prior to the incorporation of the Company, a precursor entity to the Company and a former principal of the Company entered into an Intellectual Property Assignment and Royalty Agreement (the "Original IP Assignment and Royalty Agreement") with TransferTech Sherbrooke, a limited liability partnership ("TTS"), and Jeffrey Victor Leyton ("Leyton"), a professor at the Université de Sherbrooke. The Original IP Assignment and Royalty Agreement assigns Leyton's invention known as "Novel Immunoconjugates with cholic acid nuclear localization sequence peptide and uses thereof" (the "Accum Invention" or "Accum") and any related intellectual property to the Company.

On May 20, 2020, the Company and TTS entered into an amended and restated Intellectual Property Assignment and Royalty Agreement (the "Amended IP Assignment and Royalty Agreement"), which amends and restates the Original IP Assignment and Royalty Agreement, assigning the Accum Invention and any related intellectual property to the Company in exchange for consideration as follows:

- \$25,000 upon completion of the agreement (paid); and
- The issuance of 2,085,714 Common Shares of the Company (issued and valued at \$312,857).

The Company must also make milestone payments related to the Accum Invention and any related or derivative inventions as follows:

- \$10,000 within 30 days of the completion of the first non-rodent positive toxicology study;
- \$25,000 within 30 days of the recruitment of the first phase 1 patient;
- \$50,000 within 30 days of the recruitment of the first phase 2 patient;
- \$100,000 within 30 days of the recruitment of the first phase 3 patient; and
- \$250,000 within 30 days of the first regulatory approval from a relevant registration authority.

In addition, the Company must pay a royalty of 3% calculated on the net revenues and all commercial activities involving the Accum Invention, and 4% calculated on the net revenues and all commercial activities involving any related or derivative inventions.

The Company was also required to enter into a research contract for a minimum of \$45,000 (completed). During the nine months ended March 31, 2022, the research contract was terminated and the \$45,000 was refunded to the Company.

The Company has determined that the cash and share consideration paid for the Amended IP Assignment and Royalty Agreement, along with the costs of the research contract, do not qualify as development costs. Accordingly, the amounts have been expensed to research and lab fees.

The Company has capitalized the following amounts as intangible assets:

	Intellectual Property
Cost	
Balance at June 30, 2020, June 30, 2021 and March 31, 2022	\$ 46,018

The Accum Invention includes patents as set out below:

Patent Application Number	Region	Application Date	Publication Date
CA3017950A1	Canada	March 15, 2017	September 21, 2017
US20190077879 A1	United States	March 15, 2017	March 14, 2019
JP20195I2545A	Japan	March 15, 2017	May 16, 2019
IL26 1 765D0	Israel	September 13, 2018	October 31, 2018
AU2017233725AI	Australia	March 15, 2017	October 25, 2018
EP3430060Al	Europe	March 15, 2017	January 23, 2019

As of the date of this MD&A, all the patent applications are pending. The Company will commence amortization of the intellectual property if and when the patents are granted.

On December 1, 2020, the Company entered into an option and right of first refusal agreement to acquire intellectual property. In order to acquire the intellectual property, the Company paid \$25,000 and must make additional payments as follows:

- Up to \$200,000 in development costs on or before March 31, 2023 to exercise the option;
- \$75,000 upon completion of the acquisition;
- A minimum of \$200,000 related to a service agreement for continuing development to be entered into between the Company and the vendor at a future date within 36 months of the option exercise date; and
- \$100,000 upon submission of a patent for the intellectual property.

The Company's Chief Technical Scientific Officer is an officer of the vendor. The Company has determined the costs do not qualify as development costs. Accordingly, the amounts have been expensed to research and lab fees.

On December 24, 2020, the Company closed a private placement and issued 6,000,000 special warrants at a price of \$0.60 per special warrant, for gross proceeds of \$3,600,000. The Company also issued 2,584,000 units at a price of \$0.60 per unit, for gross proceeds of \$1,550,400. The special warrants are deemed to be exercised into one common share of the Company and one share purchase warrant on the earlier of three business days after the Company receives a prospectus receipt and April 25, 2021. Each warrant is exercisable into one common share of the Company at a price of \$1.25 for a period equal to the shorter of two years after the Company's shares are listed on the CSE and December 24, 2025. The units consist of one common share and one share purchase warrant, with each warrant being exercisable into one common share of the Company at a price of \$1.25 for a period equal to the shorter of two years after the Company's shares are listed on the CSE and December 24, 2025. The Company paid finder's fees of \$510,000 and issued 850,000 finder's warrants valued at \$378,373. Each finder's warrant is exercisable into one common share of the Company at a price of \$0.60 for a period of two years following the date the Company becomes a reporting issuer in any province or territory.

On January 25, 2021, the Company closed a private placement and issued 137,000 special warrants at a price of \$0.60 per special warrant, for gross proceeds of \$82,200. The Company also issued 4,000 units at a price of \$0.60 per unit, for gross proceeds of \$2,400. The special warrants are deemed to be exercised into one common share of the Company and one share purchase warrant on the earlier of three business days after the Company receives a prospectus receipt and May 26, 2021. Each warrant is exercisable into one common share of the Company at a price of \$1.25 for a period equal to the shorter of two years after the Company's shares are listed on the CSE and January 25, 2026. The units consist of one common share and one share purchase warrant, with each warrant being exercisable into one common share of the Company at a price of \$1.25 for a period equal to the shorter of two years after the Company's shares are listed on the CSE and January 25, 2026.

On April 25, 2021 and May 5, 2021, the Company's outstanding special warrants were deemed to be exercised into one Common Share of the Company and one share purchase warrant. Each warrant is exercisable into one Common Share of the Company at a price of \$1.25 for a period of two years expiring on May 7, 2023.

On April 7, 2022, the Company was granted US patent number US 11,291,717 covering its vaccine platform technology that utilizes components of Defence's proprietary Accum<sup>TM</sup> technology attached to various tumor, viral or bacterial antigens to enhance both humoral and cellular immunity.

The Company is currently focused on research, development and advancement of the following main products using its proprietary Accum technology:

- Dendritic Cell ("DC") cancer vaccines using Accum (Accuvac<sup>TM</sup>)
- A new protein-based vaccine formulation against COVID and infectious disease
- Antibody Drug Conjugates ("ADC") targeting various cancers
- Anti-Cancer AccuTOX program
- Cervical cancer vaccine.

# Accuvac<sup>TM</sup>: for Dendritic Cell cancer vaccines

Defence has optimized the chemical manufacturing of its experimental antigens to efficiently link the Accum moiety. When used to pulse DCs, these modified antigens were shown to break-down endosomal membranes leading to efficient processing, presentation and activation of responding T cells. The prophylactic vaccination led to 100% protection against cancer growth. This process was rechallenged three times and led to a continued 100% protection against cancerous tumor growth.

Therapeutic vaccination of animals with pre-established tumors triggered a substantial delay in tumor growth as a stand-alone therapy. Combination of Accuvac<sup>TM</sup> to the immune-checkpoint inhibitor anti-PD1 cured 70% of treated animals.

To build upon this success, Defence is developing second and third generation Accum moieties to further enhance the potency and efficacy of Accuvac<sup>TM</sup>. Defence has engineered two Accum variants with direct anti-tumoral effects. The results of the Accum variants displayed efficiency at killing melanoma, lymphoma, colon and breast cancer cells in vitro. In vivo studies are currently ongoing to test the intratumoral delivery of these variants as a means to induce regression of established tumors.

Additionally, Defence is currently working with its partner in the United Kingdom to start its Phase I trial by the end of 2022 or beginning of 2023.

# A COVID vaccine

Defence is using the Accum technology to develop a distinct COVID-19 protein-based vaccine. So far, the vaccine is highly immunogenic in tests with rodent animals with antibody titers lasting for more than 16 weeks. In addition, the generated antibodies "neutralized" the ability of pseudotyped viruses (an artificial virus with COVID-19 S proteins) from infecting cells. Also, a non-GLP study on rabbits was recently completed demonstrating no toxicity signs, along with a strong humoral response.

Additionally, Defence successfully tested a new formulation to deliver its protein-based COVID vaccine via the intranasal cavity.

Two GLP studies have been completed on hamsters and have shown potent protective effects.

Defence is currently preparing the initiation of IND-enabling studies while preparing to begin the Phase I trial.

# **Antibody Drug Conjugates**

Defence has demonstrated that the Accum technology enhances the ability of the ADC Kadcyla ("T-DM1") to specifically target and kill breast cancer cells. Defence completed the synthesis of 18 different Accum-variants conjugated to T-DM1 at 10X ratio. A toxicity screening will be performed in the near future on the selected breast cancer cell line to identify additional leads.

Additional studies are currently being completed by Defence's partners in Europe to identify a lead ADC.

# The AccuTOX program

A novel anti-cancer function was recently discovered for "free" Accum. More specifically, when directly delivered without direct linking onto protein, the Accum moiety behaves as a toxic "bullet" to cancer cells. So far, the Defence team has engineered a large library of Accum variants (over 50) that are currently being tested for their therapeutic efficacy against breast, colon, melanoma and lymphoma cancers. The pre-clinical study is almost completed with a series of efficacy studies conducted against solid T-cell lymphoma, breast cancer and melanoma.

In addition, a new strategy is currently being developed to engineer an "intelligent" Poly-AccuTOX molecule (a chain of various AccuTOX molecules) capable of selectively killing a wide range of cancer cells without collateral side effects.

# Prophylactic anti-HPV (L1 proteins) vaccine

The idea would be to link Accum to 9 L1 proteins from different HPV subtypes or to the E6 and/or E7 oncoproteins and demonstrate potent immunogenicity. The L1 vaccine is against the HPV virus itself and has shown a 36-fold higher antibody titer than the commercially available Gardasil-9.

# Therapeutic anti-cervical cancer vaccine (E6/E7 oncoproteins)

A preclinical study was conducted on the use of Accum-E6 and Accum-E7 protein vaccines in the context of prophylactic vaccination against cervical cancer. This study showed 100% protection using Accum-E7. When tested in the context of therapeutic vaccination, the Accum-E7 has shown potent tumor control when combined with immune-checkpoint inhibitors CD47.

# SELECTED ANNUAL INFORMATION

	June 30, 2021	June 30, 2020	June 30, 2019
	\$	\$	\$
Revenue	-	•	-
Net loss for the year	(2,859,254)	(673,182)	(1,946)
Basic and diluted loss per common share	(0.11)	(0.71)	(19.46)
Total assets	5,609,241	1,911,945	7,765
Long-term debt	-	•	-
Dividends	-	-	-

The June 30, 2019 fiscal year had small net income and net loss amounts. For that fiscal year, the Company incurred some consulting fees, offset by recoveries and other income. The Company had minimal cash and working capital. Late in the 2020 fiscal year, the Company issued shares for services and for the Amended IP Assignment and Royalty Agreement, which was a substantial portion of the net loss. The Company also closed the first tranche of a private placement for cash, which was the primary reason for the increase in total assets. In 2021, the Company raised \$6,170,250 in private placements and special warrants, which increased total assets. The financing allowed the Company to increase research and lab fees, which has resulted in a higher net loss for the 2021 year. Year-to-year variances were not the result of any discontinued operations, changes in accounting policies or significant dispositions.

# SELECTED QUARTERLY INFORMATION

Results for the eight most recently completed quarters are summarized below.

For the Quarter Periods Ended	March 31, 2022 \$	December 31, 2021 \$	September 30, 2021 \$	June 30, 2021 \$
Total revenue	-	-	-	-
Net loss for the period	(1,694,620)	(1,941,053)	(1,529,998)	(1,684,748)
Basic and diluted loss per share	(0.05)	(0.05)	(0.04)	(0.05)
Total assets	1,826,403	3,203,079	4,868,830	5,609,241
Total non-current liabilities	-	-	-	-
Dividends	-	-	-	-

For the Quarter Periods Ended	March 31, 2021 \$	December 31, 2020 \$	September 30, 2020 \$	June 30, 2020 \$
Total revenue	-	-	-	-
Net loss for the period	(690,746)	(442,255)	(41,505)	(471,507)
Basic and diluted loss per share	(0.02)	(0.02)	(0.00)	(0.27)
Total assets	6,755,004	7,167,702	2,468,903	1,911,945
Total non-current liabilities	-	-	-	-
Dividends	-	-	-	-

There is minimal seasonality in the Company's business. A discussion of the factors that have caused variations over the quarters is as follows:

- During the quarter period ended June 30, 2020, the Company issued shares for services, which was the majority of the net loss for the period. The Company still had minimal cash and working capital.
- During the quarter period ended June 30, 2020, the Company issued shares for the Amended IP Assignment and Royalty Agreement, which was included in net loss. The Company also closed the first tranche of a private placement for cash, which was the primary reason for the increase in total assets.
- During the quarter period ended September 30, 2020, the Company closed the second tranche of a private placement for cash, which was the primary reason for the increase in total assets. Net loss was primarily management fees and accounting and legal expenses, with some research and lab fees.

- During the quarter period ended December 31, 2020, the Company saw a substantial increase in total assets as a result of cash raised in the private placements of shares, units and special warrants. The increase in net loss was primarily due to the Company incurring expenditures as it worked towards filing a preliminary prospectus and beginning to incur substantial research and lab expenses.
- During the quarter periods ended from March 31, 2021 to March 31, 2022, the Company's net loss increase is primarily due to the Company incurring expenditures for its final prospectus and CSE listing, continued research and lab expenses, advertising and promotion, and share-based compensation related to the grant of stock options.

# **OPERATIONS**

During the three months ended March 31, 2022, the Company reported a net loss of \$1,694,620 (2021 - \$690,746). The Company's loss included expenditures as follows:

- Accounting and legal of \$76,614 (2021 \$103,095) decreased due to higher legal and audit fees in the comparative period, as the Company filed the final prospectus and listed on the CSE;
- Advertising and promotion of \$512,288 (2021 \$525) increased due to the Company's marketing program beginning in late 2021;
- Consulting fees of \$39,996 (2021 \$18,000) increased, as the Company became more active and engaged consultants for 2022;
- Foreign exchange of \$17,423 (2021 \$nil) increased, as a result of an increase in foreign expenses;
- Management fees of \$42,744 (2021 \$50,992) decreased due to the timing of expenses;
- Office and general of \$12,619 (2021 \$7,365) increased, as the Company became more active beginning in late 2021;
- Research and lab fees of \$988,300 (2021 \$380,185) increased due to additional research and lab testing work beginning in late 2021;
- Share-based compensation of \$nil (2021 \$112,122) decreased due to no options being granted during the current period; and
- Transfer agent and filing fees of \$4,636 (2021 \$18,462) decreased due to initial listing fees incurred in the prior period compared to ongoing fees in the current period, which are lower.

During the nine months ended March 31, 2022, the Company reported a net loss of \$5,165,671 (2021 - \$1,174,506). The Company's loss included expenditures as follows:

- Accounting and legal of \$126,834 (2021 \$210,450) decreased due to higher legal and audit fees in the comparative period, as the Company filed the final prospectus and listed on the CSE;
- Advertising and promotion of \$2,039,136 (2021 \$44,235) increased due to the Company's marketing program beginning in late 2021;
- Consulting fees of \$100,977 (2021 \$36,000) increased, as the Company became more active and engaged consultants for 2021;
- Foreign exchange of \$17,423 (2021 \$nil) increased, as a result of an increase in foreign expenses;
- Management fees of \$119,985 (2021 \$102,360) increased, as the Company started compensating the Chief Executive Officer and Chief Financial Officer part way through the comparative period;
- Office and general of \$51,828 (2021 \$9,280) increased, as the Company became more active beginning in late 2021;
- Research and lab fees of \$2,390,834 (2021 \$611,853) increased due to an increase in research and lab testing work beginning in late 2021;
- Share-based compensation of \$283,351 (2021 \$141,866) increased due to the higher weighted average fair value for options granted during the period compared with the prior period; and
- Transfer agent and filing fees of \$35,303 (2021 \$18,462) increased due to ongoing CSE and transfer agent fees, along with annual SEDAR fees exceeding the initial listing fees incurred in the prior period.

# LIQUIDITY AND CAPITAL RESOURCES

The Company's cash at March 31, 2022 was \$1,589,139 (June 30, 2021 - \$5,452,906). The working capital was \$1,468,252 at March 31, 2022 (June 30, 2021 - \$5,440,967).

During the nine months ended March 31, 2022 and as of the date of this MD&A, the Company has issued shares for cash as follows:

- During the nine months ended March 31, 2022, the Company received \$909,605 on the exercise of 1,098,100 warrants.
- Subsequent to March 31, 2022, the Company received proceeds of \$177,420 on the exercise of 295,700 warrants.

The Company will need to raise additional financing in order to continue research and for development of its intellectual property beyond the 2022 fiscal year.

# OFF-BALANCE SHEET ARRANGEMENTS

The Company has not entered into any off-balance sheet arrangements.

# TRANSACTIONS WITH RELATED PARTIES

These amounts of key management compensation are included in the amounts shown on the condensed interim statements of comprehensive loss:

- Consulting fees of \$54,000 (2021 \$36,000) were paid to Carrie Cesarone, the Corporate Secretary;
- Management fees of \$65,985 (2021 \$66,360) were paid to Sébastien Plouffe, the Chief Executive Officer, and includes provincial taxes not refundable to the Company;
- Management fees of \$54,000 (2021 \$36,000) were paid to Joseph Meagher, the Chief Financial Officer;
- Research and lab fees of \$97,736 (2021 \$65,115) were paid to Dr. Simon Beaudoin, the Chief Technical Scientific Officer, and includes provincial taxes not refundable to the Company; and
- Share-based compensation of \$248,503 (2021 \$140,300) was for the fair value of stock options granted to Dr. Riam Shammaa, director (2021 the Chief Executive Officer, Chief Financial Officer, Corporate Secretary, Chief Technical Scientific Officer, and Dr. Moutih Rafei, the VP of Research and Development and directors Sarkis Meterissian and Raimar Löbenberg), calculated using the Black-Scholes option pricing model.

During the year ended June 30, 2021, the Company entered into various consulting agreements that included key management (see **Commitments**).

During the nine months ended March 31, 2022, the Company paid (inclusive of provincial taxes not refundable to the Company):

- Research and lab fees of \$195,249 (2021 \$175,267) to Axiom Services Inc., a company in which the Company's VP of Research and Development is a principal; and
- Research and lab fees of \$68,545 (2021 \$27,494) to WASSC Technologie Inc., a company owned and controlled by the Company's Chief Technical Scientific Officer.

As at March 31, 2022, the Company had accounts payable balances of \$40,443 (June 30, 2021 - \$8,623) with companies controlled by officers and directors. The balances owing are unsecured, non-interest-bearing and have no specific terms of repayment.

# **COMMITMENTS**

On September 18, 2020 and October 23, 2020, the Company entered into consulting agreements with its Chief Executive Officer, Chief Financial Officer, Corporate Secretary and Chief Technical Scientific Officer. The consulting agreements have

indefinite terms and monthly fees totaling \$25,760. In the event the agreements are terminated by the Company or the consultants as a result of a change in control, the Company would be required to pay a total of \$77,250 to the consultants.

# EVENTS OCCURRING AFTER THE REPORTING DATE

- a) Subsequent to March 31, 2022, the Company received proceeds of \$177,420 on the exercise of 295,700 warrants.
- b) Subsequent to March 31, 2022, 100,000 stock options expired unexercised.
- c) On May 10, 2022, the Company granted 100,000 stock options to a consultant at an exercise price of \$3 and with a term to expiry of one year.

#### **CAPITAL DISCLOSURES**

The Company considers its capital to be comprised of shareholders' equity.

The Company manages the capital structure and makes adjustments to it in light of changes in economic conditions and the risk characteristics of the underlying assets. To maintain or adjust the capital structure, the Company may attempt to issue new shares. Although the Company has been successful at raising funds in the past through the issuance of share capital, it is uncertain whether it will continue this method of financing due to the current difficult market conditions.

In order to facilitate the management of its capital requirements, the Company prepares expenditure budgets that are updated as necessary depending on various factors, including successful capital deployment and general industry conditions.

Management reviews the capital structure on a regular basis to ensure that the above objectives are met. There have been no changes to the Company's approach to capital management during the nine months ended March 31, 2022. The Company is not subject to externally imposed capital requirements.

# FINANCIAL INSTRUMENTS AND RISKS

As at March 31, 2022, the Company's financial instruments consist of cash and accounts payable and accrued liabilities. The carrying values of these financial instruments approximate their fair values.

#### Fair value

The Company classifies its fair value measurements in accordance with an established hierarchy that prioritizes the inputs in valuation techniques used to measure fair value as follows:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities.
- Level 2 Inputs other than quoted prices that are observable for the asset or liability either directly or indirectly.
- Level 3 Inputs that are not based on observable market data.

The following table sets forth the Company's financial asset measured at fair value by level within the fair value hierarchy:

March 31, 2022	Level 1	Level 2	Level 3	Total
Cash	\$ 1,589,139	\$ -	\$ -	\$ 1,589,139
June 30, 2021	Level 1	Level 2	Level 3	Total
Cash	\$ 5,452,906	\$ -	\$ -	\$ 5,452,906

#### Credit risk

Credit risk is the risk that one party to a financial instrument will cause a financial loss for the other party by failing to discharge an obligation. The Company manages credit risk, in respect of cash, by placing it at major Canadian financial institutions. The Company has minimal credit risk. Included in the sales tax receivable balance is \$22,100 (June 30, 2021 - \$71,624) owing from the Canada Revenue Agency.

# Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due. The Company's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquid funds to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Company's reputation. The contractual financial liabilities of the Company as of March 31, 2022 equal \$312,133 (June 30, 2021 - \$122,256). All of the liabilities presented as accounts payable are due within 30 days of the reporting date.

# Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates and interest rates, will affect the Company's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return on capital.

- i) Currency risk The Company has no funds held in a foreign currency and holds a material amount of accounts payable and accrued liabilities in United States dollars. A fluctuation in the exchange rates between the Canadian and United States dollar of 10% would result in a \$7,000 change in the Company's accounts payable and accrued liabilities. The Company does not use any techniques to mitigate currency risk.
- *Interest rate risk* Interest rate risk is the risk that future cash flows will fluctuate as a result of changes in market interest rates. Interest earned on cash is at nominal interest rates, and therefore, the Company does not consider interest rate risk to be significant. The Company has no interest-bearing financial liabilities.
- *Other price risk* Other price risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate due to changes in market prices, other than those arising from interest rate risk. The Company is not exposed to significant other price risk.

# CRITICAL ACCOUNTING ESTIMATES AND JUDGMENTS

# Going concern risk assessment

The Company's ability to continue its operations and to realize assets at their carrying value is dependent upon its ability to generate positive cash flows and/or obtain additional financing sufficient to fund its development and operating costs. The Company may be able to generate working capital to fund its operations by raising additional capital through equity markets. However, there is no assurance it will be able to raise funds in the future. Based on its current plans, budgeted expenditures and cash requirements, the Company has sufficient cash to finance its current plans for at least twelve months from the date the condensed interim financial statements are issued. These condensed interim financial statements do not give effect to any

adjustments required to realize its assets and discharge its liabilities in other than the normal course of business and at amounts different from those reflected in the accompanying condensed interim financial statements.

If the going concern assumption were not appropriate for these condensed interim financial statements, then adjustments may be necessary in the carrying values of assets and liabilities, the reported expenses and the statement of financial position classifications used. Such adjustments could be material.

#### Impairment of intangible assets

The application of the Company's accounting policy for intangible assets and impairment of the capitalized expenditures requires judgment in determining whether it is likely that future economic benefits will flow to the Company, which may be based on assumptions about future events or circumstances. Estimates and assumptions made may change if new information becomes available. If, after expenditure is capitalized, information becomes available suggesting that the recovery of expenditure is unlikely, the amount capitalized is written off in profit or loss in the year the new information becomes available.

# NEW ACCOUNTING STANDARD ISSUED BUT NOT YET EFFECTIVE

Classification of Liabilities as Current or Non-current (Amendments to International Accounting Standard ("IAS") 1 Presentation of Financial Statements)

The amendments to IAS 1 provide a more general approach to the classification of liabilities based on the contractual arrangements in place at the reporting date. The amendments are effective for annual periods beginning on or after January 1, 2023. The Company is currently evaluating the impact of the amendments.

# **SHARE CAPITAL**

The Company had the following securities issued and outstanding:

	May 27,	March 31,	June 30,
	2022	2022	2021
Common shares	36,614,574	36,318,874	35,220,774
Warrants	8,830,600	9,126,300	10,224,400
Stock options	1,560,000	1,560,000	1,500,000
Fully diluted shares	47,005,174	47,005,174	46,945,174

# RISKS AND UNCERTAINTIES

# Limited operating history

The Company has a very limited history of operations and is considered a start-up company. As such, the Company is subject to many risks common to such enterprises, including under-capitalization, cash shortages, limitations with respect to personnel, financial and other resources, and lack of revenues. There is no assurance that the Company will be successful in achieving a return on shareholders' investment and the likelihood of the Company's success must be considered in light of its early stage of operations.

# The Company's officers and directors may be engaged in a range of business activities resulting in conflicts of interest

The Company may be subject to various potential conflicts of interest as some of its officers and directors may be engaged in a range of business activities. In addition, the Company's executive officers and directors may devote time to their outside business interests, so long as such activities do not materially or adversely interfere with their duties to the Company. In some cases, the Company's executive officers and directors may have fiduciary obligations associated with these business interests that interfere with their ability to devote time to the Company's business and affairs and that could adversely affect the Company's operations. These business interests could require significant time and attention of the Company's executive officers and directors.

In addition, the Company may become involved in other transactions that conflict with the interests of its directors and officers who may from time-to-time deal with persons, firms, institutions or companies with which the Company may be dealing, or which may be seeking investments similar to those desired by it. The interests of these persons could conflict with those of the Company. In addition, from time to time, these persons may be competing with the Company for available investment opportunities. Conflicts of interest, if any, will be subject to the procedures and remedies provided under applicable laws. In particular, if such a conflict of interest arises at a meeting of the Company's directors, a director who has such a conflict will abstain from voting for or against the approval of such participation or such terms. In accordance with applicable laws, the directors of the Company are required to act honestly, in good faith and in the best interests of the Company.

# The Company's intellectual property and licenses thereto

The Company's success will depend in part on its ability to protect and maintain its intellectual property rights and its licenses. No assurance can be given that the license or rights used by the Company will not be challenged, invalidated, infringed or circumvented, nor that the rights granted thereunder will provide competitive advantages to the Company. It is not clear whether the pending patent applications will result in the issuance of patents. There is no assurance that the Company will be able to enter into licensing arrangements, develop or obtain alternative technology in respect of patents issued to third parties that incidentally cover its production processes. Moreover, the Company could potentially incur substantial legal costs in defending legal actions that allege patent infringement or by instituting patent infringement suits against others. The Company's commercial success also depends on the Company not infringing patents or proprietary rights of others and not breaching the exclusive license granted to the Company. There can be no assurance that the Company will be able to maintain such licenses that it may require to conduct its business or that such licenses have been obtained at a reasonable cost. Furthermore, there can be no assurance that the Company will be able to remain in compliance with its licenses. Consequently, there may be a risk that such licenses may be withdrawn with no compensation or penalties to the Company.

# If patent laws or the interpretation of patent laws change, the Company's competitors may be able to develop and commercialize its discoveries

Important legal issues remain to be resolved as to the extent and scope of available patent protection for biopharmaceutical products and processes in Canada, and other important markets outside Canada, such as Europe or the United States. As such, litigation or administrative proceedings may be necessary to determine the validity, scope and ownership of certain of the Company's and others' proprietary rights. Any such litigation or proceeding may result in a significant commitment of resources in the future and could force the Company to do one or more of the following: cease selling or using any of its future products that incorporate a challenged intellectual property, which would adversely affect its revenue; obtain a license or other rights from the holder of the intellectual property rights alleged to have been infringed or otherwise violated, which license may not be available on reasonable terms, if at all; and redesign its future products to avoid infringing or violating the intellectual property rights of third parties, which may be time-consuming or impossible to do. In addition, changes in patent laws in Canada and other countries may result in allowing others to use its discoveries or develop and commercialize its products. The Company cannot provide assurance that the patents it obtains will afford it significant commercial protection.

# The Company may not be able to enforce its intellectual property rights throughout the world. This risk is exacerbated, as it expects that one or more of its product candidates will be manufactured and used in a number of foreign countries

The laws of foreign countries may not protect intellectual property rights to the same extent as the laws of Canada. Many companies have encountered significant problems in protecting and defending intellectual property rights in certain foreign jurisdictions. This risk is exacerbated for the Company, as it expects that future product candidates could be manufactured and used in a number of foreign countries.

The legal systems of some countries, particularly developing countries, do not favor the enforcement of patents and other intellectual property protection, especially those relating to life sciences. This could make it difficult to stop the infringement or other misappropriation of the Company's intellectual property rights. For example, several foreign countries have compulsory licensing laws under which a patent owner must grant licenses to third parties. In addition, some countries limit the enforceability of patents against third parties, including government agencies or government contractors. In these countries, patents and trade secrets may provide limited or no benefit.

Most jurisdictions in which the Company intends to apply for patents have patent protection laws similar to those of Canada, but some of them do not. For example, the Company may do business in the future in countries that may not provide the same or similar protection as that provided in Canada. Additionally, due to uncertainty in patent protection law, the Company has not filed applications in many countries where significant markets exist.

Proceedings to enforce patent rights in foreign jurisdictions could result in substantial costs and divert the Company's efforts and attention from other aspects of its business. Accordingly, efforts to protect intellectual property rights in such countries may be inadequate. In addition, changes in the law and legal decisions by courts in Canada, the US and foreign countries may affect the Company's ability to obtain adequate protection for the Company's technology and the enforcement of its intellectual property.

# COVID-19 may materially and adversely affect the Company's business and financial results

In December 2019, a novel strain of coronavirus, which causes the disease known as COVID-19, was reported to have surfaced in Wuhan, China. Since then, COVID-19 has spread globally. In March 2020, the World Health Organization declared the COVID-19 outbreak a pandemic.

The effects of COVID-19 could disrupt the Company's business and delay any future clinical trials, the magnitude of which will depend, in part, on the length and severity of the restrictions and other limitations on the Company's ability to conduct its business in the ordinary course. These and similar, and perhaps more severe, disruptions in the Company's operations could negatively impact the Company's business, financial condition and results of operations, including its ability to obtain financing. Quarantines, shelter-in-place and similar government orders, or the perception that such orders, shutdowns or other restrictions on the conduct of business operations could occur, related to COVID-19 or other infectious diseases, could impact personnel at third party manufacturing facilities or the availability or cost of materials, which would disrupt the Company's supply chain.

In addition, any future clinical trials have been and may be further affected by the COVID-19 pandemic, including:

- Delays or difficulties in enrolling patients in the clinical trial, including patients that may not be able to comply with clinical trial protocols if quarantines impede patient movement or interrupt healthcare services;
- Delays or difficulties in clinical site initiation, including difficulties in recruiting clinical site investigators and clinical site staff;
- Diversion or prioritization of healthcare resources away from the conduct of clinical trials and towards the COVID-19 pandemic, including the diversion of hospitals serving as the Company's clinical trial sites and hospital staff supporting the conduct of the clinical trials, who, as healthcare providers, may have heightened exposure to COVID-19 and adversely impact the clinical trial operations;
- Interruption of key clinical trial activities, such as clinical trial site monitoring, due to limitations on travel imposed or recommended by federal, state or provincial governments, employers and others; and
- Limitations in employee resources that would otherwise be focused on the conduct of the Company's clinical trials, including due to sickness of employees or their families or the desire of employees to avoid contact with large groups of people.

# Preclinical studies, clinical trials, licensing, regulations and products

The Company is also exposed to risks related to preclinical studies, clinical trials, licensing, regulations and products as follows:

- The Company may not be successful in its efforts to identify, license or discover additional product candidates;
- The Company faces product liability exposure, which, if not covered by insurance, could result in significant financial liability;
- If the Company is unable to advance product candidates through clinical development, obtain regulatory approval and ultimately commercialize product candidates, or if the Company experiences significant delays in doing so, business will be materially harmed;

- The Company's business is highly dependent on its lead product candidate, Accum, and it must complete preclinical
  studies and clinical testing before it can seek regulatory approval and begin commercialization of any of its other
  product candidates. If the Company is unable to obtain regulatory approval for and successfully commercialize
  Accum, its business may be materially harmed and such failure may affect the viability of its other product
  candidates;
- Any product candidates that the Company successfully develops and commercializes will have to compete with existing therapies and new therapies that may become available in the future;
- Clinical development involves a lengthy and expensive process with uncertain outcomes, and results of earlier studies and trials may not be predictive of future clinical trial results. If preclinical studies and clinical trials are not sufficient to support regulatory approval of any of the Company's product candidates, it may incur additional costs or experience delays in completing, or ultimately be unable to complete, the development of such product candidate;
- The Company expects to develop Accum, and potentially future product candidates, in combination with other therapies, which exposes it to additional risks;
- The Company's preclinical studies and clinical trial may fail to adequately demonstrate the safety, potency and purity of any of its product candidates, which would prevent or delay development, regulatory approval and commercialization;
- The results of preclinical studies and early-stage clinical trials may not be predictive of future results. Initial success in the Company's ongoing clinical trials may not be indicative of results obtained when these trials are completed or in later-stage trials;
- Interim, "top-line" and preliminary data from clinical trials that the Company announces or publishes from time to time may change as more patient data become available, and are subject to audit and verification procedures that could result in material changes in the final data; and
- Disruptions at Health Canada and other government agencies caused by funding shortages or global health concerns
  could hinder their ability to hire, retain or deploy key leadership and other personnel, or otherwise prevent new or
  modified products and services from being developed, approved or commercialized in a timely manner, which could
  negatively impact the Company's business.