

The information in this preliminary prospectus supplement is not complete and may be changed. A registration statement relating to these securities has been filed with the Securities and Exchange Commission and is effective. This preliminary prospectus supplement and the accompanying base prospectus are not an offer to sell these securities and they are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

SUBJECT TO COMPLETION DATED FEBRUARY 8, 2021

Filed Pursuant to Rule 424(b)(5)  
Registration No. 333-228926

**PRELIMINARY PROSPECTUS SUPPLEMENT**  
(to the Prospectus dated January 30, 2019)



**Common Shares**

We are offering \_\_\_\_\_ of our common shares in this offering.

Our common shares are listed on the NYSE American under the symbol “ZOM.” On February 5, 2021, the last reported sale price of our common shares on the NYSE American was \$1.91 per share. The trading price of our common shares has recently increased significantly. On December 31, 2020, the last reported sale price of our common shares on the NYSE American was \$0.231 per share.

We are an “emerging growth company” as that term is used in the Jumpstart Our Business Startups Act of 2012, and, as such, we have elected to take advantage of certain reduced public company reporting requirements for this prospectus supplement and future filings.

You should read this prospectus supplement and the accompanying base prospectus, together with additional information described under the heading “Where You Can Find More Information,” carefully before you invest in any of our securities.

The offering is being underwritten on a firm commitment basis. The underwriter may offer the common shares from time to time to purchasers directly or through agents, or through brokers in brokerage transactions on NYSE American, or to dealers in negotiated transactions or in a combination of such methods of sale, or otherwise, at fixed price or prices, which may be changed, or at market prices prevailing at the time of sale, at prices related to such prevailing market prices.

**Investing in our securities involves a high degree of risk. See “Risk Factors” beginning on page S-6 of this prospectus supplement for a discussion of information that should be considered in connection with an investment in our securities.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.**

|   | Per Share | Total |
|---|-----------|-------|
| Public offering price                                 | \$        | \$    |
| Underwriting discounts and commissions <sup>(1)</sup> | \$        | \$    |
| Proceeds, before expenses, to us                      | \$        | \$    |

(1) See “Underwriting” beginning on page S-22 of this prospectus supplement for additional information regarding underwriting compensation.

We have granted the underwriter an option for a period of 30 days from the closing date of this offering to purchase up to additional common shares at the public offering price per share set forth above, less underwriting discounts and commissions. If the underwriter exercise the option in full, the total underwriting discounts and commissions payable by us will be \$ , and the total proceeds to us, before expenses, will be approximately \$ million.

We expect that delivery of the shares being offered pursuant to this prospectus supplement and the accompanying base prospectus will be made on or about , 2021, subject to satisfaction of customary closing conditions.

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**H.C. Wainwright & Co.**

The date of this prospectus supplement is \_\_\_\_\_, 2021.

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## ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying base prospectus are part of a registration statement that we filed with the Securities and Exchange Commission (the “SEC”) utilizing a “shelf” registration process. Each time we conduct an offering to sell securities under the accompanying base prospectus we will provide a prospectus supplement that will contain specific information about the terms of that offering, including the price, the amount of securities being offered and the plan of distribution. The shelf registration statement was initially filed with the SEC on December 20, 2018 and was declared effective by the SEC on January 30, 2019. This prospectus supplement describes the specific details regarding this offering and may add, update or change information contained in the accompanying base prospectus. The accompanying base prospectus provides general information about us and our securities, some of which, such as the section entitled “Plan of Distribution,” may not apply to this offering. This prospectus supplement and the accompanying base prospectus are an offer to sell only the securities offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so. We are not making offers to sell or solicitations to buy our securities in any jurisdiction in which an offer or solicitation is not authorized or in which the person making that offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make an offer or solicitation.

If information in this prospectus supplement is inconsistent with the accompanying base prospectus or the information incorporated by reference with an earlier date, you should rely on this prospectus supplement. This prospectus supplement, together with the accompanying base prospectus and the documents incorporated by reference into this prospectus supplement and the accompanying base prospectus, include all material information relating to this offering. We have not, and the underwriter has not, authorized anyone to provide you with different or additional information and you must not rely on any unauthorized information or representations. You should assume that the information appearing in this prospectus supplement, the accompanying base prospectus and the documents incorporated by reference in this prospectus supplement and the accompanying base prospectus is accurate only as of the respective dates of those documents. Our business, financial condition, results of operations and prospects may have changed since those dates. **You should carefully read this prospectus supplement, the accompanying base prospectus and the information and documents incorporated by reference herein and therein before making an investment decision. See “Where You Can Find More Information” in this prospectus supplement and in the accompanying base prospectus.**

We have not, and the underwriter has not, authorized anyone to provide you with information that is different from that contained in this prospectus supplement, the accompanying base prospectus or in any free writing prospectus we may authorize to be delivered or made available to you. When you make a decision about whether to invest in our securities, you should not rely upon any information other than the information in this prospectus supplement, the accompanying base prospectus or in any free writing prospectus that we may authorize to be delivered or made available to you. Neither the delivery of this prospectus supplement and the accompanying base prospectus nor the sale of our securities means that the information contained in this prospectus supplement, the accompanying base prospectus or any free writing prospectus is correct after the date of the respective dates of such documents. This prospectus supplement and the accompanying base prospectus are not an offer to sell or the solicitation of an offer to buy our securities in any circumstances under which the offer or solicitation is unlawful.

For investors outside the United States: We have not, and the underwriter has not, taken any action that would permit this offering or possession or distribution of this prospectus supplement or the accompanying base prospectus in any jurisdiction where action for that purpose is required, other than in the United States. Persons outside the United States who come into possession of this prospectus supplement or the accompanying base prospectus must inform themselves about, and observe any restrictions relating to, the offering of the securities covered hereby and the distribution of this prospectus supplement and the accompanying base prospectus outside the United States. This offering is not available to a resident of Canada or a person or company in Canada. See “Plan of Distribution.”

This prospectus supplement and the accompanying base prospectus contain summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the full text of the actual documents, some of which have been filed or will be filed and incorporated by reference herein. See “Where You Can Find More Information” in this prospectus supplement. We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference into this prospectus supplement or the accompanying base prospectus were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

This prospectus supplement and the accompanying base prospectus contain and incorporate by reference certain market data and industry statistics and forecasts that are based on studies sponsored by us, independent industry publications and other publicly available information. Although we believe these sources are reliable, estimates as they relate to projections involve numerous assumptions, are subject to risks and uncertainties, and are subject to change based on various factors, including those discussed under “Risk Factors” in this prospectus supplement and the accompanying base prospectus and under similar headings in the documents incorporated by reference herein and therein. Accordingly, investors should not place undue reliance on this information.

All references in this prospectus supplement and the accompanying base prospectus to “Zomedica,” the “Company,” “we,” “us,” or “our” mean Zomedica Corp. and its subsidiaries unless we state otherwise, or the context otherwise indicates. Unless otherwise noted herein, all references to “CDN\$,” “CAD\$,” or “Canadian dollars” are to the currency of Canada and “\$,” “dollars,” “US\$,” “United States dollars,” or “U.S. dollars” are to the currency of the United States. This prospectus supplement, the accompanying base prospectus and the information incorporated by reference herein and therein contain references to trademarks, service marks and trade names owned by us or other companies. Solely for convenience, trademarks, service marks and trade names referred to in this prospectus supplement, the accompanying base prospectus and the information incorporated by reference herein and therein, including logos, artwork, and other visual displays, may appear without the ® or ® symbols, but such references are not intended to indicate, in any way, that we will not assert, to the fullest extent under applicable law, our rights or the rights of the applicable licensor to these trademarks, service marks and trade names. We do not intend our use or display of other companies’ trade names, service marks or trademarks to imply a relationship with, or endorsement or sponsorship of us by, any other companies. Other trademarks, trade names and service marks appearing in this prospectus supplement, the accompanying base prospectus and the documents incorporated by reference herein and therein are the property of their respective owners.

## SUMMARY

*This summary highlights information contained elsewhere in this prospectus supplement, the accompanying base prospectus and the documents incorporated by reference herein and therein. This summary does not contain all of the information that you should consider before deciding to invest in our securities. You should read this entire prospectus supplement and the accompanying base prospectus carefully, including the section entitled “Risk Factors” beginning on page S-6 and our consolidated financial statements and the related notes and the other information incorporated by reference into this prospectus supplement and the accompanying base prospectus before making an investment decision.*

### **Our Company**

We are a veterinary health company creating products for companion animals by focusing on the unmet needs of clinical veterinarians. We expect that our product portfolio will include innovative diagnostics and medical devices that emphasize patient health and practice health. With a team that includes clinical veterinary professionals, our goal is to provide veterinarians the opportunity to increase productivity and grow revenue while better serving the animals in their care.

Our strategic focus is on the final development and commercialization of our TRUFORMA<sup>®</sup> diagnostic biosensor platform and the first five assays for the detection of thyroid disorders in dogs and cats and adrenal disorders in dogs. The TRUFORMA<sup>®</sup> platform uses Bulk Acoustic Wave (BAW) technology to provide a non-optical and fluorescence free detection system for use at the point-of-care. We believe that BAW technology will enable precise and repeatable test results at the point-of-care during a typical veterinary appointment. The TRUFORMA<sup>®</sup> platform is being developed together with Qorvo Biotechnologies, LLC, or Qorvo Biotech.

### **Recent Developments**

During the period beginning on December 1, 2020 and ending on February 5, 2021, investors have exercised certain of our outstanding warrants to purchase 277,818,611 of our common shares for gross proceeds of \$44,576,147 (such exercises, the “Warrant Exercises”). After giving effect to the Warrant Exercises, we had cash and cash equivalents of approximately \$92.0 million as of February 5, 2021.

### **Corporate Information**

Zomedica Corp. (formerly, Wise Oakwood Ventures Inc.) was originally incorporated as Wise Oakwood Ventures Inc. on January 7, 2013 under the *Business Corporations Act* (Alberta). On October 28, 2013, we completed our initial public offering in Canada and became classified as a Capital Pool Company, as defined under the rules of the TSX Venture Exchange (“TSX-V”). On April 21, 2016, we changed our name to Zomedica Pharmaceuticals Corp. and consolidated our common shares on a one-for-two and one-half basis. ZoMedica Pharmaceuticals Inc. (“ZoMedica Inc.”) was incorporated on May 14, 2015 under the *Canada Business Corporations Act*. On April 21, 2016, we completed a qualifying transaction (the “Qualifying Transaction”) under TSX-V Policy 2.4 – *Capital Pool Companies*, consisting of a three- cornered amalgamation among our Company, ZoMedica Inc. and our wholly-owned subsidiary. Under the Qualifying Transaction, ZoMedica Inc. and our subsidiary were amalgamated to form Zomedica Pharmaceuticals Ltd. (“Zomedica Ltd.”). As consideration for the amalgamation, shareholders of ZoMedica Inc. became the owners of 97.6% (non-diluted) of our common shares, and ZoMedica Ltd. became our wholly-owned subsidiary. Subsequent to the Qualifying Transaction, Zomedica Ltd. was vertically amalgamated into our Company. On October 2, 2020, we changed our name to Zomedica Corp. We have one wholly- owned subsidiary, Zomedica, Inc., a Delaware company. Our principal executive offices are located at 100 Phoenix Drive, Suite 125, Ann Arbor, MI 48108, and our telephone number is (734) 369-2555. Our website address is [www.zomedica.com](http://www.zomedica.com). We have not incorporated by reference into this prospectus supplement or the accompanying base prospectus the information on our website, and you should not consider it to be a part of such documents.

## Implications of Being an Emerging Growth Company

As a company with less than \$1.07 billion in revenue during our last fiscal year, we qualify as an “emerging growth company” as defined in the Jumpstart Our Business Startups Act, or the JOBS Act. An “emerging growth company” may take advantage of reduced reporting requirements that are otherwise applicable to public companies. These provisions include, but are not limited to:

- not being required to comply with the auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act;
- reduced disclosure obligations regarding executive compensation in our periodic reports, proxy statements and registration statements; and
- exemptions from the requirements of holding a non-binding advisory vote on executive compensation and shareholder approval of any golden parachute payments not previously approved.

We may take advantage of these provisions until December 31, 2022. However, if certain events occur prior to December 31, 2022, including if we become a “large accelerated filer,” our annual gross revenues exceed \$1.07 billion or we issue more than \$1.0 billion of non-convertible debt in any three-year period, we will cease to be an emerging growth company before such date.

In addition, the JOBS Act provides that an emerging growth company may delay adopting new or revised accounting standards until such time as those standards apply to private companies. We have irrevocably elected not to avail ourselves of this exemption and, therefore, we will be subject to the same new or revised accounting standards as other public companies that are not emerging growth companies.

## The Offering

|  |   |
|--|---|
| <b>Common shares offered by us</b>                   | shares.   |
| <b>Common shares outstanding after this offering</b> | shares (or up to shares if the underwriter exercises its option to purchase additional shares in full).   |
| <b>Option to purchase additional shares</b>          | We have granted the underwriter an option for a period of up to 30 days from the closing date of this offering to purchase up to an aggregate of additional common shares at the public offering price per share, set forth on the cover page of this prospectus supplement, less underwriting discounts and commissions.   |
| <b>Use of proceeds</b>                               | We intend to use the net proceeds from this offering for the continued development of our diagnostic platforms, including making milestone payments, if any, as they come due, under our existing license and collaboration agreements, for strategic acquisitions if and when they become available, and other general corporate and working capital purposes. We may also use a portion of the net proceeds from this offering to repurchase some or all of our outstanding Series 1 Preferred Shares, although no agreement has been reached with respect to the terms or conditions of any such repurchase. See “Use of Proceeds” on page S-11. |
| <b>Risk factors</b>                                  | Investing in our securities involves a high degree of risk. Before making an investment decision, you should carefully review and consider all of the information set forth in this prospectus supplement, the accompanying base prospectus and the documents incorporated by reference herein and therein, including the risks and uncertainties described under “Risk Factors” beginning on page S-6 of this prospectus supplement and the risk factors incorporated by reference into this prospectus supplement and the accompanying base prospectus.   |
| <b>NYSE American symbol</b>                          | “ZOM.”  |

The number of common shares expected to be outstanding after this offering is based on 841,870,049 common shares outstanding as of February 5, 2021, and excludes, as of that date, the following:

- 35,620,500 common shares issuable upon the exercise of outstanding options with a weighted average exercise price of approximately \$0.23 per share;
- 2,187,002 common shares issuable upon the exercise of outstanding warrants with a weighted average exercise price of approximately \$0.16 per share; and
- 48,566,504 common shares available for future issuance under our equity incentive plan.

## RISK FACTORS

*An investment in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should consider carefully the risks and uncertainties described below and under the section captioned "Risk Factors" contained in our Annual Report on Form 10-K for the fiscal year ended December 31, 2019 filed with the SEC on February 26, 2020 and our Quarterly Reports on Form 10-Q for the fiscal quarters ended March 31, 2020, June 30, 2020 and September 30, 2020, filed with the SEC on May 11, 2020, August 10, 2020 and November 12, 2020, respectively, and other filings we make with the SEC from time to time, which are incorporated by reference herein in their entirety, together with other information in this prospectus supplement, the accompanying base prospectus and the information incorporated by reference herein and therein. If any of these risks actually occurs, our business, financial condition, results of operations or cash flow could suffer materially. In such event, the trading price of our common shares could decline, and you might lose all or part of your investment.*

### **Risks Relating to This Offering**

***The trading price of our common shares has recently increased significantly to a level that we do not believe is consistent with any recent change in our financial condition or results of operations. If the trading price of our common shares decreases rapidly, investors purchasing our common shares in this offering could lose a significant portion of their investment.***

The trading price of our common shares has recently increased significantly. On December 31, 2020, the last reported sale price of our common shares on the NYSE American was \$0.231 per share. We believe that the sharp increase in the trading price of our common shares is the result of a number of factors outside our control, including social media posts that have drawn attention to our company and increased trading in our common shares by retail investors. These social media posts were not sponsored or endorsed by us. There has been no recent change in our financial condition or results of operations that is consistent with the increase in the trading price of our common shares. The recent increase in the trading price of our common shares may not be sustained. In the event of a rapid decrease in the trading price of our common shares, investors purchasing our common shares in this offering could lose a significant portion of their investment.

***You will suffer immediate and substantial dilution of your investment as a result of this offering.***

Because the public offering price per common share is higher than the pro forma as adjusted net tangible book value per common share after giving effect to this offering, you will suffer substantial dilution in the net tangible book value of the common shares you purchase in this offering. For a further description of the dilution that investors in this offering will experience, see "Dilution." Investors in this offering will also be subject to increased dilution upon the exercise of outstanding stock options and warrants.

***Sales of our common shares by shareholders may have an adverse effect on the then prevailing market price of our common shares.***

Sales of a substantial number of our common shares in the public market following this offering could cause the market price of our common shares to decline and could impair our ability to raise capital through the sale of additional equity securities. We cannot predict the effect that future sales of our common shares or other equity-related securities would have on the market price of our common shares.

***Management will have broad discretion as to the use of proceeds from this offering and may not use them effectively.***

Our management will have broad discretion as to the application of the net proceeds from this offering and our shareholders will not have the opportunity as part of their investment decisions to assess whether the net proceeds are being used appropriately. You may not agree with our decisions, and our use of the proceeds may not yield any return on your investment. Because of the number and variability of factors that will determine our use of the net proceeds from this offering, their ultimate use may vary substantially from their currently intended use. Our failure to apply the net proceeds of this offering effectively could compromise our ability to pursue our growth strategy and we might not be able to yield a significant return, if any, in our investment of these net proceeds. You will not have the opportunity to influence our decisions on how to use our net proceeds from this offering.

***We have not paid dividends on our common shares in the past and have no plans to pay dividends in the foreseeable future.***

We intend to reinvest any future earnings to develop and commercialize our product candidates and to fund our operations. We do not expect to pay cash dividends on our common shares for the foreseeable future. We cannot assure you that we would, at any time, generate sufficient surplus cash that would be available for distribution to the holders of our common shares as a dividend. Therefore, you should not expect to receive cash dividends on the common shares we are offering.



***We are subject to the continued listing requirements of the NYSE American. If we are unable to comply with such requirements, our common shares would be delisted from the NYSE American, which would limit investors' ability to effect transactions in our common shares and subject us to additional trading restrictions.***

Our common shares are currently listed on the NYSE American. In order to maintain our listing, we must maintain certain share prices, financial and share distribution targets, including maintaining a minimum amount of shareholders' equity and a minimum number of public shareholders. In addition to these objective standards, the NYSE American may delist the securities of any issuer if, in its opinion, the issuer's financial condition and/or operating results appear unsatisfactory; if it appears that the extent of public distribution or the aggregate market value of the security has become so reduced as to make continued listing on the NYSE American inadvisable; if the issuer sells or disposes of principal operating assets or ceases to be an operating company; if an issuer fails to comply with the NYSE American's listing requirements; if an issuer's common stock sells at what the NYSE American considers a "low selling price" (generally trading below \$0.20 per share for an extended period of time); or if any other event occurs or any condition exists which makes continued listing on the NYSE American, in its opinion, inadvisable. Although the trading price of our common shares on the date of this report exceeded \$0.20 per share, during the fiscal year ended December 31, 2020, the trading price of our common shares was well below \$0.20 for a significant period of time. We received a deficiency letter from the NYSE American indicating that we were not in compliance with the listing requirements, because our common shares had been selling for a low price per share for a substantial period time. Such deficiency was resolved in January 2021.

If the NYSE American delists our common shares from trading on its exchange and we are not able to list our securities on another national securities exchange, we expect our common shares would qualify to be quoted on an over-the-counter market. If this were to occur, we could face significant material adverse consequences, including:

- a limited availability of market quotations for our securities;
- reduced liquidity for our securities;
- a determination that our common shares are a "penny stock" which will require brokers trading in our common shares to adhere to more stringent rules and possibly result in a reduced level of trading activity in the secondary trading market for our securities;
- a limited amount of news and analyst coverage; and
- a decreased ability to issue additional securities or obtain additional financing in the future.

The National Securities Markets Improvement Act of 1996, which is a federal statute, prevents or preempts the states from regulating the sale of certain securities, which are referred to as "covered securities." Because our common shares are listed on the NYSE American, our common shares qualify as covered securities under such statute. Although the states are preempted from regulating the sale of our securities, the federal statute does allow the states to investigate companies if there is a suspicion of fraud, and, if there is a finding of fraudulent activity, then the states can regulate or bar the sale of covered securities in a particular case. If we were no longer listed on the NYSE American, our securities would not be covered securities and we would be subject to regulation in each state in which we offer our securities.

***If our common shares become subject to the penny stock rules, it would become more difficult to trade our shares.***

The SEC has adopted rules that regulate broker-dealer practices in connection with transactions in penny stocks. Penny stocks are generally equity securities with a price of less than \$5.00, other than securities registered on certain national securities exchanges or authorized for quotation on certain automated quotation systems, provided that current price and volume information with respect to transactions in such securities is provided by the exchange or system. If we are unable to maintain the listing of our common shares on the NYSE American or another national securities exchange and if the price of our common shares is less than \$5.00, our common shares will be deemed a penny stock. The penny stock rules require a broker-dealer, before a transaction in a penny stock not otherwise exempt from those rules, to deliver a standardized risk disclosure document containing specified information. In addition, the penny stock rules require that before effecting any transaction in a penny stock not otherwise exempt from those rules, a broker-dealer must make a special written determination that the penny stock is a suitable investment for the purchaser and receive (i) the purchaser's written acknowledgment of the receipt of a risk disclosure statement; (ii) a written agreement to transactions involving penny stocks; and (iii) a signed and dated copy of a written suitability statement. These disclosure requirements may have the effect of reducing the trading activity in the secondary market for our common shares, and therefore stockholders may have difficulty selling their shares.

***We may in the future implement the reduction in the stated capital account applicable to our common shares that has been approved by shareholders, and if we do, there may be an adverse effect on holders of common shares or the Company in connection with certain transactions, unless we are able to add back some or all of the stated capital reduction to the stated capital account at that time.***

At the Company's annual and special meeting of shareholders held on September 25, 2020, the shareholders approved a special resolution under the Business Corporations Act (Alberta), or ABCA, authorizing the reduction of the stated capital account applicable to the common shares to US \$1.00 in the aggregate without payment to the shareholders. The special resolution provided that the reduction would be effective upon the date determined by any director or officer of the Company. As of the date hereof, the reduction has yet to be implemented. However, it could be implemented in the future, and if it is implemented, the reduction is expected to apply to the entire stated capital account applicable to the common shares at that time, including stated capital referenceable to common shares issued after the date of the meeting where the special resolution was approved. As disclosed in the proxy circular prepared in connection with the annual and special meeting, the stated capital reduction is not expected to result in any immediate Canadian tax consequences to shareholders, and should not constitute a taxable event to shareholders under United States tax requirements. However, the reduction in stated capital could have future Canadian federal income tax consequences to shareholders or the Company, in connection with certain transactions, including a repurchase of the common shares by the Company or certain reorganization transactions. The Company currently intends that, if the stated capital reduction is implemented, the amount of the reduction will be added back to the stated capital account (or the portion thereof that is permitted to be added back under Canadian federal income tax legislation will be so added) in the future in accordance with procedures contained in the ABCA. Such add back would be intended to be effected prior to implementation of any transaction where the previous reduction of stated capital could have an adverse impact on shareholders or the Company. However, there can be no assurance that the Company will be able to effect the add back, or that the amount added back will avoid any adverse tax consequences to shareholders or the Company.

***We believe that we will be a "passive foreign investment company," or PFIC, for the current taxable year, which could subject certain U.S. investors to materially adverse U.S. federal income tax consequences.***

We believe we were classified as a PFIC during our taxable year ended December 31, 2020, and based on current business plans and financial expectations, we believe we may be a PFIC for the current and future taxable years. If we are a PFIC for any year in which you hold common shares and you are a U.S. Holder (as defined below, in "Material United States Federal Income Tax Considerations"), then you generally will be required to treat any gain realized upon a disposition of such common shares, or any so-called "excess distribution" received on your common shares, as ordinary income, and to pay an interest charge on a portion of such gain or distribution. In certain circumstances, the sum of the tax and the interest charge may exceed the total amount of proceeds you realize on the disposition or the amount of the excess distribution you receive. Subject to certain limitations, these tax consequences may be mitigated if you make a timely and effective Qualified Electing Fund election, or QEF Election, or a mark-to-market election, or Mark-to-Market Election. Subject to certain limitations, such elections may be made with respect to our common shares. If you are a U.S. Holder and make a timely and effective QEF Election, you generally must report on a current basis your share of our net capital gain and ordinary earnings for any year in which we are a PFIC, whether or not we distribute any amount to you, thus giving rise to so-called "phantom income" and to a potential tax liability. However, U.S. Holders should be aware that we do not intend to satisfy the record keeping requirements that apply to a "qualified electing fund," or supply U.S. Holders with information that such U.S. Holders require to report under the QEF Election rules, in the event that we are a PFIC and a U.S. Holder wishes to make a QEF Election. Thus, if you are a U.S. Holder, you may not be able to make a QEF Election. If you are a U.S. Holder and make a timely and effective Mark-to-Market Election, you generally must include as ordinary income each year the excess of the fair market value of your common shares over your tax basis therein, thus also possibly giving rise to phantom income and a potential tax liability. Ordinary loss generally is recognized only to the extent of net mark-to-market gains previously included in income. This paragraph is qualified in its entirety by the discussion below under the heading "Material United States Federal Income Tax Considerations." Each potential investor who is a U.S. taxpayer should consult its own tax advisors regarding the PFIC rules and the U.S. federal income tax consequences of the acquisition, ownership, and disposition of our common shares.

***If the Internal Revenue Service determines that we are not a PFIC and you previously paid taxes pursuant to a QEF Election or a Mark-to-Market Election, you may pay more taxes than you legally owe.***

If the Internal Revenue Service, or the IRS, makes a determination that we are not a PFIC and you previously paid taxes pursuant to a QEF Election or Mark-to-Market Election, then you may have paid more taxes than you legally owed due to such election. If you do not, or are unable to, file a refund claim before the expiration of the applicable statute of limitations, you will not be able to claim a refund for those taxes.

## CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying base prospectus and the documents we have filed with the SEC that are incorporated by reference herein and therein contain forward-looking statements, or forward-looking information, as defined under applicable Canadian securities laws (collectively, “forward-looking statements”). In some cases, you can identify these statements by forward-looking words such as “may,” “might,” “will,” “should,” “expects,” “plans,” “anticipates,” “believes,” “estimates,” “predicts,” “potential” or “continue,” the negative or plural of these words and other comparable terminology. Forward-looking statements in this prospectus supplement include, but are not limited to, statements about:

- the success, cost and timing of our research and development activities, validation studies and pivotal trials, including with respect to our lead product, TRUFORMA<sup>®</sup>;
- our ability to obtain and maintain any required approvals from the USDA Center for Veterinary Biologics for our proposed and future diagnostic products, to the extent applicable;
- our ability to obtain funding for our operations;
- the ability of our contract research organizations to appropriately conduct our safety studies and certain development activities;
- the ability of our contract manufacturing organizations to manufacture and supply our products;
- our plans to develop and commercialize our planned and future products;
- the expected impact of the novel coronavirus pandemic on our operations, including the development and commercialization of our TRUFORMA<sup>®</sup> platform and the five initial assays;
- our ability to develop and commercialize products that can compete effectively;
- the size and growth of the veterinary diagnostics and medical device markets;
- our ability to obtain and maintain intellectual property protection for our current and future product candidates;
- regulatory developments in the United States;
- the loss of key scientific or management personnel;
- our expectations regarding the period during which we will be an “emerging growth company” under the JOBS Act;
- the accuracy of our estimates regarding expenses, future revenues, capital requirements and needs for additional financing;
- risks related to our Series 1 preferred shares;
- our ability to maintain the listing of our common shares on the NYSE American exchange; and
- our status as a “passive foreign investment company” for U.S. federal income tax purposes.

These forward-looking statements, which are subject to risks, uncertainties and assumptions about us, may include projections of our future financial performance, our anticipated growth strategies and anticipated trends in our business. These statements are only predictions based on our current expectations and projections about future events. There are important factors that could cause our actual results, level of activity, performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied by the forward-looking statements, including those factors discussed under the caption entitled “Risk Factors” in our Annual Report on Form 10-K for the fiscal year ended December 31, 2019 filed with the SEC on February 26, 2020, our Quarterly Reports on Form 10-Q for the fiscal quarters ended March 31, 2020, May 30, 2020 and September 30, 2020, filed with the SEC on May 11, 2020, August 10, 2020 and November 12, 2020, respectively and other filings we make with the SEC from time to time.

Although we believe the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, level of activity, performance or achievements. Moreover, neither we nor any other person assumes responsibility for the accuracy and completeness of any of these forward-looking statements. We are under no duty to update any of these forward-looking statements after the date of this prospectus supplement to conform our prior statements to actual results or revised expectations.

## USE OF PROCEEDS

We estimate that the net proceeds from the sale of the common shares offered in this offering will be approximately \$ , or approximately \$ if the underwriter exercises in full its option to purchase additional common shares, after deducting the underwriting discounts and commissions and estimated offering expenses payable by us.

We intend to use the net proceeds from this offering for the continued development of our diagnostic platforms, including making milestone payments, if any and as they come due, under our existing license and collaboration agreements, for strategic acquisitions if and when they become available, and other general corporate and working capital purposes. We may also use a portion of the net proceeds from this offering to repurchase some or all of our outstanding Series 1 Preferred Shares, although no agreement has been reached with respect to the terms or conditions of any such repurchase. We have not determined the amount of net proceeds to be used specifically for any such purposes. As a result, management will retain broad discretion over the allocation of the net proceeds. Pending the uses described above, we intend to invest the net proceeds from this offering in short-term, investment-grade interest-bearing securities such as money market accounts, certificates of deposit, commercial paper, and guaranteed obligations of the U.S. government.

## DILUTION

If you purchase common shares in this offering, you will experience dilution to the extent of the difference between the public offering price per common share in this offering and our pro forma as adjusted net tangible book value per share immediately after this offering. Net tangible book value per share is equal to the amount of our total tangible assets, less total liabilities, divided by the number of outstanding common shares. As of September 30, 2020 our historical net tangible book value was approximately \$53.0 million, or approximately \$0.094 per share.

After giving effect to the Warrant Exercises, our pro forma tangible net book value as of September 30, 2020 would have been approximately \$97.5 million, or approximately \$0.116 per common share, an increase of approximately \$0.022 per common share.

After giving effect to the sale by us of common shares and after deducting underwriting discounts and commissions and estimated offering expenses payable by us, our pro forma as adjusted net tangible book value as of September 30, 2020 would have been approximately \$ million, or approximately \$ per share. This represents an immediate increase in pro forma as adjusted net tangible book value of \$ per common share to existing shareholders and an immediate dilution of approximately \$ per common share to new investors purchasing common shares in this offering. The following table illustrates this per share dilution:

|   |    |       |
|---|----|-------|
| Public offering price per share   |    | \$    |
| Historical net tangible book value per share as of September 30, 2020                         | \$ | 0.094 |
| Pro forma increase in net tangible book value per share attributable to the Warrant Exercises |    | 0.116 |
| Increase in pro forma net tangible book value per share after giving effect to this offering  |    |       |
| Pro forma as adjusted net tangible book value per share after giving effect to this offering  |    | \$    |
| Dilution per share to new investors   |    | \$    |

If the underwriter exercises in full its option to purchase additional common shares, the pro forma as adjusted net tangible book value per share after this offering would be \$ per share, and the dilution in pro forma net tangible book value per share to new investors purchasing common shares in this offering would be \$ per share.

The foregoing discussion and table do not take into account further dilution to new investors that could occur upon the exercise of outstanding options or warrants having a per share exercise price less than the per share offering price to the public in this offering. In addition, we may choose to raise additional capital due to market conditions or strategic considerations even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

The table and discussion above are based on 564,051,438 common shares outstanding as of September 30, 2020 (841,870,049 common shares outstanding on a pro forma basis after giving effect to the Warrant Exercises), and excludes as of such date the following:

- 13,024,640 common shares issuable upon the exercise of outstanding options with a weighted average exercise price of approximately \$0.72 per share;
- 280,005,613 common shares (2,187,002 shares on a pro forma basis after giving effect to the Warrant Exercises) issuable upon the exercise of outstanding warrants with a weighted average exercise price of approximately \$0.16 per share ;
- 43,380,503 common shares available for future issuance under our equity incentive plan.

## DESCRIPTION OF THE SECURITIES WE ARE OFFERING

### Capital Shares

For a description of our capital shares, please see the Description of Securities included as Exhibit 4.1 to our Annual Report on Form 10-K for the year ended December 31, 2019, filed with the SEC on February 26, 2020, which is incorporated by reference herein. See “Where You Can Find More Information.”

### MATERIAL UNITED STATES FEDERAL INCOME TAX CONSIDERATIONS

The following summary describes the material U.S. federal income tax consequences to U.S. Holders (as defined below) of acquiring, owning, and disposing of our common shares.

#### Scope of this Summary

##### *Tax Consequences Not Addressed*

This summary does not address all potential U.S. federal income tax considerations that may be relevant to a particular U.S. Holder. In addition, this summary does not take into account the individual facts and circumstances that may affect the U.S. federal income tax consequences to a particular U.S. Holder, including specific tax consequences under an applicable income tax treaty. Accordingly, this summary is not intended to be, and should not be construed as, legal or U.S. federal income tax advice with respect to any U.S. Holder. This summary does not address any U.S. federal net investment income, U.S. federal alternative minimum, U.S. federal estate and gift, U.S. state and local, or non-U.S. tax considerations. Except as specifically set forth below, this summary does not discuss tax reporting requirements that may be applicable to any particular U.S. Holder. Each prospective U.S. Holder should consult its own tax advisors regarding the tax consequences of acquiring, owning, and disposing of our common shares acquired pursuant to this prospectus supplement and the accompanying base prospectus.

##### *Authorities*

This summary is based upon the provisions of the Code, the Treasury Regulations (whether final, temporary, or proposed) promulgated thereunder, the Convention Between Canada and the United States of America with Respect to Taxes on Income and on Capital, signed September 26, 1980, as amended (the “Canada-U.S. Tax Convention”), and administrative rulings and judicial decisions interpreting the Code and the Treasury Regulations, all as currently in effect, and all subject to differing interpretations or change, possibly on a retroactive basis. We have not sought, and will not seek, a ruling from the IRS regarding any matter discussed herein, and no assurance can be given that the IRS would not assert, or that a court would not sustain, a position that is different from, and contrary to, the positions taken in this summary. This summary does not discuss the potential effects, whether adverse or beneficial, of any proposed legislation that, if enacted, could be applied on a retroactive or prospective basis.

##### *U.S. Holders*

For purposes of this summary, the term “U.S. Holder” means a beneficial owner of common shares acquired pursuant to this prospectus supplement and the accompanying base prospectus that is for U.S. federal income tax purposes:

- an individual who is a citizen or resident of the United States (as determined under U.S. federal income tax rules);
- a corporation (or other entity treated as a corporation for U.S. federal income tax purposes) created or organized in or under the laws of the United States or of any political subdivision of the United States;

- an estate, the income of which is subject to U.S. federal income taxation regardless of its source; or
- a trust that (i) is subject to the primary supervision of a court within the United States and the control of one or more U.S. persons for all substantial decisions or (ii) has a valid election in effect under applicable Treasury Regulations to be treated as a U.S. person.

*Certain U.S. Holders Not Addressed*

This summary does not address the U.S. federal income tax considerations applicable U.S. Holders that are subject to special provisions under the Code, including, but not limited to, U.S. Holders that:

- are tax-exempt organizations, qualified retirement plans, individual retirement accounts, or other tax-deferred accounts;
- are financial institutions, underwriters, insurance companies, real estate investment trusts, or regulated investment companies;
- are broker-dealers, dealers, or traders in securities or currencies that elect to apply a mark-to-market accounting method;
- have a “functional currency” other than the U.S. dollar;
- own common shares as part of a straddle, hedging transaction, conversion transaction, constructive sale, or other arrangement involving more than one position;
- acquired common shares in connection with the exercise of employee stock options or otherwise as compensation for services;
- hold common shares other than as a capital asset within the meaning of Section 1221 of the Code (generally, property held for investment purposes);
- own, have owned, or will own (directly, indirectly, or by attribution) 10% or more of the total combined voting power or total value of our outstanding shares;
- are subject to special tax accounting rules with respect to our common shares;
- are partnerships or other “pass through” entities for U.S. federal income tax purposes (or investors in such partnerships or entities);
- are U.S. expatriates or former long-term residents of the United States; or
- are subject to taxing jurisdictions other than, or in addition to, the United States.

U.S. Holders that are subject to special provisions under the Code, including, but not limited to, U.S. Holders described immediately above, should consult their own tax advisors regarding the U.S. federal income, U.S. net investment income, U.S. federal alternative minimum, U.S. federal estate and gift, U.S. state and local, and non-U.S. tax consequences of acquiring, owning, and disposing of our common shares.



**The following summary is not a substitute for careful tax planning and advice. U.S. Holders of common shares are urged to consult their own tax advisors concerning the U.S. federal income tax consequences of the issues discussed herein, in light of their particular circumstances, as well as any considerations arising under the laws of any foreign, state, local, or other taxing jurisdiction.**

## **PFIC Status and Related Tax Consequences**

### *Status as a PFIC*

We believe we were classified as a PFIC during our taxable year ended December 31, 2020, and based on current business plans and financial expectations, we believe we will continue to be a PFIC for the current and future taxable years. As a result, certain potentially adverse rules may affect the U.S. federal income tax consequences to a U.S. Holder of acquiring, owning, and disposing of our common shares. No opinion of legal counsel or ruling from the IRS concerning our status as a PFIC has been obtained or is currently planned to be requested. The determination of whether any corporation was, or will be, a PFIC for a taxable year depends, in part, on the application of complex U.S. federal income tax rules, which are subject to differing interpretations. In addition, whether any corporation will be a PFIC for any taxable year depends on the assets and income of such corporation calculated on an annual basis and, as a result, cannot be predicted with certainty as of the date of this prospectus supplement. Each U.S. Holder should consult its own tax advisors regarding our PFIC status.

A foreign corporation generally will be classified as a PFIC under Section 1297 of the Code in any taxable year in which either of the following tests is met:

- at least 75% of its gross income is “passive income,” or the PFIC Income Test; or
- at least 50% of the gross value of its assets is attributable to assets that produce, or are held for the production of, passive income, based on the quarterly average of the fair market value of such assets, or the PFIC Asset Test.

For this purpose, passive income generally includes, among other things, dividends, interest, rents, royalties, gains from the disposition of passive assets and gains from commodities and securities transactions. Passive assets include cash and liquid securities, even if used as working capital.

If we are a PFIC for any taxable year during which a U.S. Holder owns common shares, such U.S. Holder will be subject to different taxation rules with respect to an investment in our common shares, depending on whether such U.S. Holder makes an election to treat us as a “qualified electing fund” under Section 1295 of the Code, or a QEF Election, or makes a mark-to-market election under Section 1296 of the Code, or a Mark-to-Market Election. A U.S. Holder that does not make either election is referred to in this summary as a “Non-Electing U.S. Holder.”

### *Default PFIC Rules*

A Non-Electing U.S. Holder will be subject to the rules of Section 1291 of the Code. Pursuant to these rules, distributions are divided into two categories, “excess distributions” and others. An excess distribution is the amount received in a taxable year that exceeds 125% of the average annual distributions paid on our common shares in the three preceding taxable years. Any gain realized on the sale, exchange or other disposition of our common shares is also considered an excess distribution. Under these rules:

- the excess distribution is allocated ratably over the holding period (on a daily basis) for the common shares;
- the amount allocated to prior taxable years is subject to tax at the highest rate of tax applicable to ordinary income in each such year;
- an interest charge for the deemed tax deferral is imposed with respect to the resulting tax attributable to each such prior taxable year (a taxpayer that is not a corporation must treat any such interest paid as “personal interest,” which is not deductible); and
- the amount allocated to the current taxable year is taxed as ordinary income and would not be “qualified dividend income” or long-term capital gain (see “U.S. Federal Income Tax Consequences of the Ownership and Disposition of Common Shares - Sale or Other Taxable Disposition of Common Shares” below).

To the extent a distribution on our common shares does not constitute an excess distribution to a Non-Electing U.S. Holder, such Non-Electing U.S. Holder generally will be required to include the amount of such distribution in gross income as a dividend to the extent of our current or accumulated earnings and profits (as determined for U.S. federal income tax purposes) that are not allocated to excess distributions, and will not be eligible for the reduced rates applicable to “qualified dividend income” with respect to such distribution.

Although a determination as to our PFIC status will be made annually, an initial determination that we are a PFIC will generally apply for subsequent years to a Non-Electing U.S. Holder who held common shares while we are a PFIC, whether or not we meet the PFIC Income Test or PFIC Asset Test in those subsequent years. Non-Electing U.S. Holders are encouraged to consult their tax advisors regarding the application of the PFIC rules to their specific situation.

#### *QEF Election*

A U.S. Holder that makes a timely and effective QEF Election with respect to our common shares acquired pursuant to this offering, referred to in this disclosure as an “Electing U.S. Holder,” will not be subject to the default PFIC tax, or Section 1291, and interest charge rules discussed above with respect to such common shares. Instead, an Electing U.S. Holder must include in income such shareholder’s pro rata share of our ordinary earnings and net capital gain, if any, for our taxable year that ends with or within the taxable year of the Electing U.S. Holder. The amount so included in income generally will be treated as ordinary income to the extent of such Electing U.S. Holder’s allocable share of the PFIC’s ordinary earnings and as long-term capital gain to the extent of such Electing U.S. Holder’s allocable share of the PFIC’s net capital gains. No portion of any such inclusion of ordinary earnings will be eligible to be treated as “qualified dividend income.” If an Electing U.S. Holder is an individual, any such net capital gain inclusions would be eligible for taxation at the preferential capital gain tax rates. Such income inclusions generally will be treated as income from sources outside the United States for foreign tax credit purposes.

An Electing U.S. Holder will be subject to U.S. federal income tax on such income inclusions for each taxable year in which we are a PFIC, regardless of whether such amounts are actually distributed to such Electing U.S. Holder. However, an Electing U.S. Holder may, subject to certain limitations, elect to defer payment of current U.S. federal income tax on such amounts, subject to an interest charge. If an Electing U.S. Holder is not a corporation, any such interest will be treated as non-deductible “personal interest.”

Any net operating loss or net capital loss of a PFIC will not pass through to the Electing U.S. Holder and will not offset any ordinary earnings or net capital gain of a PFIC recognized by the Electing U.S. Holder in subsequent years (although such losses would ultimately reduce the gain, or increase the loss, recognized by the Electing U.S. Holder on its disposition of the common shares).

An Electing U.S. Holder generally (i) may receive a tax-free distribution from us to the extent that such distribution represents our earnings and profits that were previously included in income by the Electing U.S. Holder because of such QEF Election and (ii) will adjust such Electing U.S. Holder’s tax basis in the common shares to reflect the amount included in income or allowed as a tax-free distribution because of such QEF Election. In addition, an Electing U.S. Holder generally will recognize capital gain or loss on the sale, exchange, or other taxable disposition of common shares.

If a U.S. Holder does not make a timely and effective QEF Election for the first year in the U.S. Holder’s holding period for the common shares, the U.S. Holder may still be able to make a timely and effective QEF Election in a subsequent year if such U.S. Holder meets certain requirements and makes a “purging election” pursuant to Section 1291(d) of the Code recognizing gain as if its common shares were sold for their fair market value on the day the QEF Election is effective (which will be taxed under the default rules of Section 1291 of the Code discussed above). If a U.S. Holder makes a QEF Election but does not make a “purging election,” then such U.S. Holder shall not be subject to the QEF Election rules and shall continue to be subject to tax under the rules of Section 1291 discussed above with respect to its common shares. If a U.S. Holder owns PFIC stock indirectly through another PFIC, separate QEF Elections must be made for the PFIC in which the U.S. Holder is a direct shareholder and the subsidiary PFIC for the QEF rules to apply to both PFICs.

A QEF Election will apply to the taxable year for which such QEF Election is timely made and to all subsequent taxable years, unless such QEF Election is invalidated or terminated or the IRS consents to revocation of such QEF Election. If a U.S. Holder makes a QEF Election and, in a subsequent taxable year we cease to be a PFIC, the QEF Election will remain in effect (although it will not be applicable) during those taxable years in which we are not a PFIC. Accordingly, if we become a PFIC in another subsequent taxable year, the QEF Election will be effective and the Electing U.S. Holder will be subject to the QEF rules described above during any subsequent taxable year in which the Company qualifies as a PFIC.

A U.S. Holder may make a timely QEF Election with respect to its ownership of our common shares by filing one copy of IRS Form 8621, including a PFIC Annual Information Statement, to a timely filed United States federal income tax return for the first year in which it holds our common shares. However, U.S. Holders should be aware that we do not intend to satisfy the record keeping requirements that apply to a “qualified electing fund,” or supply U.S. Holders with information that such U.S. Holders require to report under the QEF Election rules. Thus, if you are a U.S. Holder, you may not be able to make a QEF Election.

#### *Mark-to-Market Election*

Alternatively, if our common shares are “marketable stock,” a U.S. Holder generally would be permitted to make a Mark-to-Market Election. Generally, stock will be considered “marketable stock” if it is “regularly traded” on a “qualified exchange” within the meaning of applicable Treasury Regulations. A class of stock is “regularly traded” on an exchange during any calendar year in which such class of stock is traded, other than in *de minimis* quantities, on at least 15 days during each calendar quarter. A “qualified exchange” includes: (i) a national securities exchange that is registered with the Securities and Exchange Commission, (ii) the national market system established pursuant to section 11A of the Securities and Exchange Act of 1934, or (iii) a foreign securities exchange that is regulated or supervised by a governmental authority of the country in which the market is located, provided that (a) such foreign exchange has trading volume, listing, financial disclosure, and surveillance requirements, and meets other requirements and the laws of the country in which such foreign exchange is located, together with the rules of such foreign exchange, ensure that such requirements are actually enforced and (b) the rules of such foreign exchange effectively promote active trading of listed stocks.

A U.S. Holder that makes a Mark-to-Market Election with respect to common shares generally will not be subject to the rules of Section 1291 of the Code discussed above with respect to such shares. However, if a U.S. Holder does not make a Mark-to-Market Election beginning in the first taxable year of such U.S. Holder’s holding period for the common shares for which we are a PFIC and such U.S. Holder has not made a timely QEF Election, the rules of Section 1291 of the Code discussed above will apply to certain dispositions of, and distributions on, the common shares.

If a Mark-to-Market Election is made, the U.S. Holder generally would include as ordinary income in each taxable year the excess, if any, of the fair market value of the common shares at the end of the taxable year over such U.S. Holder’s adjusted tax basis in the common shares. The U.S. Holder would also be permitted an ordinary loss in respect of the excess, if any, of the U.S. Holder’s adjusted tax basis in the common shares over their fair market value at the end of the taxable year, but only to the extent of the net amount previously included in income as a result of the Mark-to-Market Election. A U.S. Holder’s tax basis in the common shares would be adjusted to reflect the amount included in gross income or allowed as a deduction because of the Mark-to-Market Election. Gain realized on the sale, exchange, or other disposition of the common shares would be treated as ordinary income, and any loss realized on the sale, exchange, or other disposition of the common shares would be treated as ordinary loss to the extent that such loss does not exceed the net mark-to-market gains previously included in income by the U.S. Holder. Losses that exceed this limitation are subject to the rules generally applicable to losses provided in the Code and Treasury Regulations (see “U.S. Federal Income Tax Consequences of the Ownership and Disposition of Common Shares - Sale or Other Taxable Disposition of Common Shares” below). Amounts treated as ordinary income are not eligible for the preferential tax rates applicable to “qualified dividend income” or long-term capital gains.

A U.S. Holder makes a Mark-to-Market Election by attaching a completed IRS Form 8621 to a timely filed United States federal income tax return. A Mark-to-Market Election applies to the taxable year in which such Mark-to-Market Election is made and to each subsequent taxable year, unless the common shares cease to be marketable stock or the IRS consents to revocation of such election. Each U.S. Holder should consult its own tax advisors regarding the availability of, and procedure for making, a Mark-to-Market Election.

### *Other PFIC Rules*

Under Section 1291(f) of the Code, the IRS has issued proposed Treasury Regulations that, subject to certain exceptions, would cause a U.S. Holder that had not made a timely QEF Election to recognize gain (but not loss) upon certain transfers of common shares that would otherwise be tax-deferred (e.g., gifts and exchanges pursuant to corporate reorganizations). However, the specific U.S. federal income tax consequences to a U.S. Holder may vary based on the manner in which common shares are transferred.

If finalized in their current form, the proposed Treasury Regulations applicable to PFICs would be effective for transactions occurring on or after April 1, 1992. Because the proposed Treasury Regulations have not yet been adopted in final form, they are not currently effective, and there is no assurance that they will be adopted in the form and with the effective date proposed. Nevertheless, the IRS has announced that, in the absence of final Treasury Regulations, taxpayers may apply reasonable interpretations of the Code provisions applicable to PFICs and that it considers the rules set forth in the proposed Treasury Regulations to be reasonable interpretations of those Code provisions. The PFIC rules are complex, and the implementation of certain aspects of the PFIC rules requires the issuance of Treasury Regulations which in many instances have not been promulgated and which, when promulgated, may have retroactive effect. U.S. Holders should consult their own tax advisors about the potential applicability of the proposed Treasury Regulations.

Certain additional adverse rules may apply with respect to a U.S. Holder if we are a PFIC, regardless of whether such U.S. Holder makes a QEF Election. For example, under Section 1298(b)(6) of the Code, a U.S. Holder that uses our common shares as security for a loan will, except as may be provided in Treasury Regulations, be treated as having made a taxable disposition of such common shares.

Special rules also apply to the amount of foreign tax credit that a U.S. Holder may claim on a distribution from a PFIC. Subject to such special rules, foreign taxes paid with respect to any distribution by a PFIC are generally eligible for the foreign tax credit. The rules relating to distributions by a PFIC and their eligibility for the foreign tax credit are complicated, and a U.S. Holder should consult with their own tax advisor regarding the availability of the foreign tax credit with respect to distributions by a PFIC.

Lastly, if we are not treated as a PFIC, and you paid taxes as if we were a PFIC, then you may be able to claim a refund for taxes you paid in excess of the taxes you actually owed. If you do not timely make such a refund claim, then your refund will be disallowed and you will bear more taxes than you actually owe.

The rules dealing with PFICs and with the QEF and Mark-to-Market Election are very complex and are affected by various factors in addition to those described above. Prospective investors should consult their own tax advisors regarding the application of the PFIC rules to our common shares.

### **U.S. Federal Income Tax Consequences of the Ownership and Disposition of Common Shares**

The following discussion describes the general rules applicable to the ownership and disposition of the common shares but is subject in its entirety to the special rules described above under the heading “PFIC Status and Related Tax Consequences.”

#### *Distributions*

The gross amount of any distribution (including amounts, if any, withheld in respect of Canadian withholding tax) actually or constructively received by a U.S. Holder with respect to our common shares will be taxable to the U.S. Holder as a dividend to the extent of our current or accumulated earnings and profits as determined under U.S. federal income tax principles. Distributions to a U.S. Holder in excess of earnings and profits will be treated first as a return of capital that reduces a U.S. Holder’s tax basis in such common shares (thereby increasing the amount of gain or decreasing the amount of loss that a U.S. Holder would recognize on a subsequent disposition of our common shares), and then as gain from the sale or exchange of such common shares (see “Sale or Other Taxable Disposition of Common Shares”). The amount of any distribution of property other than cash will be the fair market value of that property on the date of distribution. In the event we make distributions to holders of common shares, we may or may not calculate our earnings and profits under U.S. federal income tax principles. If we do not do so, any distribution may be required to be regarded as a dividend, even if that distribution would otherwise be treated as a non-taxable return of capital or as capital gain. The amount of the dividend will generally be treated as foreign-source dividend income to U.S. Holders.

To the extent that we are a “qualified foreign corporation,” the common shares on which the dividend is paid are held for a minimum holding period, and other requirements are satisfied, non-corporate U.S. Holders, including individuals, may be eligible for the preferential U.S. federal rate on “qualified dividend income.” A “qualified foreign corporation” includes a foreign corporation that is not a PFIC in the year of the distribution or in the prior taxable year and that is eligible for the benefits of an income tax treaty with the United States that contains an exchange of information provision and has been determined by the United States Treasury Department to be satisfactory for purposes of the legislation (such as the Canada-U.S. Tax Convention).

Distributions to U.S. Holders generally will not be eligible for the “dividends received deduction” generally allowed to U.S. corporations in respect of dividends received from other U.S. corporations.

#### *Sale or Other Taxable Disposition of Common Shares*

A U.S. Holder will recognize gain or loss on the sale or other taxable disposition of a common share in an amount equal to the difference, if any, between the amount of cash plus the fair market value of any property received and such U.S. Holder’s tax basis in the common shares sold or otherwise disposed of. If the U.S. Holder receives Canadian dollars in the transaction, the amount realized will be the U.S. dollar value of the Canadian dollars received, which is determined for cash basis taxpayers on the settlement date for the transaction and for accrual basis taxpayers on the trade date (although accrual basis taxpayers can also elect the settlement date). Subject to the PFIC rules discussed above, gain or loss recognized on such sale or other taxable disposition generally will be a capital gain or loss, which will be long-term capital gain or loss if the security is held for more than one year.

Preferential tax rates currently apply to long-term capital gain of a U.S. Holder that is an individual, estate, or trust. There are currently no preferential tax rates for long-term capital gain of a corporate U.S. Holder. Deductions for capital losses are subject to significant limitations under the Code. The gain or loss will generally be U.S.-source gain or loss for foreign tax credit purposes.

#### **Additional Considerations**

##### *Receipt of Foreign Currency*

The amount of any distribution paid to a U.S. Holder in foreign currency, or on the sale, exchange, or other taxable disposition of common shares, generally will be equal to the U.S. dollar value of such foreign currency based on the exchange rate applicable on the date of receipt (regardless of whether such foreign currency is converted into U.S. dollars at that time). If the foreign currency received is not converted into U.S. dollars on the date of receipt, a U.S. Holder will have a tax basis in the foreign currency equal to its U.S. dollar value on the date of receipt. Any U.S. Holder who converts or otherwise disposes of the foreign currency after the date of receipt may have a foreign currency exchange gain or loss that would be treated as ordinary income or loss, and generally will be U.S.-source income or loss for foreign tax credit purposes. Different rules apply to U.S. Holders who use the accrual method of tax accounting. Each U.S. Holder should consult its own U.S. tax advisors regarding the U.S. federal income tax consequences of receiving, owning, and disposing of foreign currency.

##### *Foreign Tax Credit*

Subject to the PFIC rules discussed above, a U.S. Holder that pays (whether directly or through withholding) Canadian income tax with respect to dividends paid on the common shares generally will be entitled, at the election of such U.S. Holder, to receive either a deduction or a credit for such Canadian income tax paid. Generally, a credit will reduce a U.S. Holder’s U.S. federal income tax liability on a dollar-for-dollar basis, whereas a deduction will reduce a U.S. Holder’s income that is subject to U.S. federal income tax. This election is made on a year-by-year basis and applies to all creditable foreign taxes paid (whether directly or through withholding) by a U.S. Holder during a year.

Complex limitations apply to the foreign tax credit, including the general limitation that the credit cannot exceed the proportionate share of a U.S. Holder's U.S. federal income tax liability that such U.S. Holder's foreign-source taxable income bears to such U.S. Holder's worldwide taxable income. In applying this limitation, a U.S. Holder's various items of income and deduction must be classified, under complex rules, as either "foreign-source" or "U.S.-source." Generally, dividends paid by a foreign corporation (including constructive dividends) should be treated as foreign-source for this purpose, and gains recognized on the sale of stock of a foreign corporation by a U.S. Holder should be treated as U.S.-source for this purpose, except as otherwise provided in an applicable income tax treaty, and if an election is properly made under the Code. However, the amount of a distribution that is treated as a "dividend" may be lower for U.S. federal income tax purposes than it is for Canadian federal income tax purposes, resulting in a reduced foreign tax credit allowance to a U.S. Holder. In addition, this limitation is calculated separately with respect to specific categories of income. The foreign tax credit rules are complex, and each U.S. Holder should consult its own U.S. tax advisors regarding the foreign tax credit rules.

#### *Information Reporting and Backup Withholding*

Under U.S. federal income tax law, certain categories of U.S. Holders must file information returns with respect to their investment in, or involvement in, a foreign corporation. For example, certain U.S. Holders who hold certain "specified foreign financial assets" that exceed certain thresholds are required to report information relating to such assets. The definition of "specified foreign financial assets" generally includes not only financial accounts maintained in foreign financial institutions, but also, unless held in accounts maintained by a financial institution, any stock or security issued by a non-U.S. person, any financial instrument or contract held for investment that has an issuer or counterparty other than a U.S. person, and any interest in a foreign entity. U.S. Holders may be subject to these reporting requirements unless their common shares are held in an account at certain financial institutions. Significant penalties may apply for failure to satisfy applicable reporting obligations.

Distributions paid with respect to common shares and proceeds from a sale, exchange, or redemption of common shares made within the United States or through certain U.S.-related financial intermediaries may be subject to information reporting to the IRS and possible U.S. backup withholding (at a rate of 24%). Backup withholding will not apply, however, to a U.S. Holder who furnishes a correct U.S. taxpayer identification number and makes any other required certification on IRS Form W-9 or that is a corporation or other entity that is otherwise exempt from backup withholding. Each U.S. Holder should consult its own tax advisors regarding the application of the U.S. information reporting and backup withholding rules. Backup withholding is not an additional tax. Amounts withheld as backup withholding may be credited against a holder's U.S. federal income tax liability, and such holder may obtain a refund of any excess amounts withheld under the backup withholding rules by filing an appropriate claim for refund with the IRS and furnishing any required information in a timely manner.

The discussion of reporting requirements set forth above is not intended to constitute a complete description of all reporting requirements that may apply to a U.S. Holder. A failure to satisfy certain reporting requirements may result in an extension of the time period during which the IRS can assess a tax and, under certain circumstances, such an extension may apply to assessments of amounts unrelated to any unsatisfied reporting requirement. U.S. Holders should consult with their own tax advisors regarding their reporting obligations, if any, as a result of their acquisition, ownership, or disposition of our common shares.

#### **CERTAIN CANADIAN FEDERAL INCOME TAX CONSEQUENCES**

The following summarizes the principal Canadian federal income tax consequences applicable to the holding and disposition of common shares and pre-funded warrants by a holder who is not, and is not deemed to be, a resident of Canada for the purposes of the *Income Tax Act* (Canada) (the "Tax Act"), and who holds such common shares solely as capital property and does not use or hold, and is not deemed to use or hold, the common shares in connection with carrying on a business in Canada, referred to in this summary as a "U.S. Holder". This summary is not applicable to a U.S. Holder that is an insurer carrying on an insurance business in Canada and elsewhere. This summary is based on the current provisions of the Tax Act, the regulations thereunder, all amendments thereto publicly proposed by the government of Canada, the published administrative practices of the Canada Revenue Agency, and the current provisions of the Convention Between Canada and the United States of America with Respect to Taxes on Income and on Capital, signed September 26, 1980, as amended (the "Canada-U.S. Tax Convention"). Except as otherwise expressly provided, this summary does not take into account any provincial, territorial or foreign (including without limitation, any United States) tax law or treaty. It has been assumed that all currently proposed amendments will be enacted substantially as proposed and that there is no other relevant change in any governing law or practice, although no assurance can be given in these respects.

**Each U.S. Holder is advised to obtain tax and legal advice applicable to such U.S. Holder's particular circumstances.**

#### *Dividends*

Every U.S. Holder is liable to pay a Canadian withholding tax on every dividend that is or is deemed to be paid or credited to the U.S. Holder on the U.S. Holder's common shares. The statutory rate of withholding tax is 25% of the gross amount of the dividend paid. The Canada-U.S. Tax Convention reduces the statutory rate with respect to dividends paid to a U.S. Holder, if that U.S. Holder is eligible for benefits under the Canada-U.S. Tax Convention. Where applicable, the general rate of withholding tax under the Canada-U.S. Tax Convention is 15% of the gross amount of the dividend, but if the U.S. Holder is a company that owns at least 10% of the voting stock of the Company and beneficially owns the dividend, the rate of withholding tax is 5% for dividends paid or credited to such corporate U.S. Holder. The Company is required to withhold the applicable tax from the dividend payable to the U.S. Holder, and to remit the tax to the Receiver General of Canada for the account of the U. S. Holder.

#### *Disposition of Common Shares*

A U.S. Holder generally will not be subject to tax under the Tax Act in respect of a capital gain realized on the disposition or deemed disposition of a common share unless such securities constitute "taxable Canadian property" of the U.S. Holder for purposes of the Tax Act and the gain is not exempt from tax pursuant to the terms of the Canada-U.S. Tax Convention.

Provided that the common shares are listed on a "designated stock exchange" for purposes of the Tax Act (which currently includes the NYSE American) at the time of disposition, the common shares generally will not constitute "taxable Canadian property" of a U.S. Holder, unless at any time during the 60 month period immediately preceding the disposition: (i) the U.S. Holder, persons with whom the U.S. Holder did not deal at "arm's length" for the purposes of the Tax Act, partnerships in which the U.S. Holder or a person with whom the U.S. Holder did not deal at "arm's length" for the purposes of the Tax Act holds a membership interest directly or indirectly through one or more partnerships, or the U.S. Holder together with all such persons, owned 25% or more of the issued shares of any class of the Company and; (ii) more than 50% of the fair market value of the common shares was derived directly or indirectly from one or any combination of real or immovable property situated in Canada, "Canadian resource properties" (as defined in the Tax Act), "timber resource properties" (as defined in the Tax Act), or options in respect of, or interests in, or for civil law rights in, such property whether or not such property exists. Notwithstanding the foregoing, the common shares may otherwise in certain circumstances be deemed to be taxable Canadian property to a U.S. Holder for the purposes of the Tax Act

Even if a common share is considered to be "taxable Canadian property" to a U.S. Holder, the U.S. Holder may be exempt from tax under the Tax Act if such securities are "treaty-protected property" for the purposes of the Tax Act. Common shares owned by a U.S. Holder will generally be "treaty-protected property" if the gain from the disposition of such securities would, because of the Canada-U.S. Tax Convention, be exempt from tax under Part I of the Tax Act.

U.S. Holders who may hold common shares as "taxable Canadian property" should consult their own tax advisors.

## UNDERWRITING

Pursuant to the underwriting agreement dated , 2021 with H.C. Wainwright & Co., LLC (“Wainwright”), we have agreed to issued and sell, and the underwriter has agreed to purchase, the number of common shares listed opposite its name below, less the underwriting discount, on the closing date, subject to the terms and conditions contained in the underwriting agreement. The underwriting agreement provides that the obligations of the underwriter is subject to certain customary conditions precedent, representations and warranties contained therein.

| <b>Underwriter</b>         | <b>Number of Shares</b> |
|----------------------------|-------------------------|
| H.C. Wainwright & Co., LLC |                         |
| Total                      |                         |

Pursuant to the underwriting agreement, the underwriter has agreed to purchase all of the common shares sold under the underwriting agreement if any of these common shares are purchased, other than those shares covered by the underwriter’s option to purchase additional common shares described below. The underwriter has advised us that they do not intend to confirm sales to any account over which it exercises discretionary authority.

### Discounts, Commissions and Expenses

The underwriter may offer the common shares from time to time to purchasers directly or through agents, or through brokers in brokerage transactions on the NYSE American, or to dealers in negotiated transactions or in a combination of such methods of sale, or otherwise, at a fixed price or prices, which may be changed, or at market prices prevailing at the time of sale, at prices related to such prevailing market prices or at negotiated prices, subject to receipt and acceptance by it and subject to its right to reject any order in whole or in part. The difference between the price at which the underwriter purchases shares from us and the price at which the underwriter resells such shares may be deemed underwriting compensation. If the underwriter effects such transactions by selling common shares to or through dealers, such dealers may receive compensation in the form of discounts, concessions or commissions from the underwriter and/or purchasers of common shares for whom they may act as agents or to whom they may sell as principal.

The underwriter is offering the shares, subject to prior sale, when, as and if issued to and accepted by it, subject to approval of legal matters and other conditions specified in the underwriting agreement. The underwriter reserves the right to withdraw, cancel or modify offers to the public and to reject orders in whole or in part.

We have granted to the underwriter an option to purchase up to an additional common shares (up to 15% of the common shares in this offering) at the public offering price, less the underwriting discount. The option is exercisable for 30 days from the date of this prospectus supplement.

Any shares sold by the underwriter to securities dealers will be sold at the public offering price less a selling concession not in excess of \$ per share.

We have granted the underwriter a right first refusal to act as our sole book-running manager, sole underwriter or sole placement agent for certain future capital raising transactions undertaken by us until December 31, 2021, provided that this offering is consummated.

The following table shows the public offering price, underwriting discount and proceeds, before expenses, to us. These amounts are shown assuming both no exercise and full exercise of the underwriter’s option to purchase additional shares.

| <b>Per Share</b>                                     | <b>Total Without Option</b> | <b>Total with Option</b> |
|--|-----------------------------|--------------------------|
| Public offering price                                | \$                          | \$                       |
| Underwriting discounts and commissions payable by us | \$                          | \$                       |
| Proceeds, before expenses, to us                     | \$                          | \$                       |



We have agreed to reimburse the expenses of the underwriter in the non-accountable sum of \$35,000 in connection with this offering, reimburse the expenses of the underwriter, including its legal fees, up to \$100,000 in connection with this offering, and \$15,950 for the clearing expenses of the underwriter in connection with this offering. We estimate that the total expenses of the offering, excluding underwriting discounts and commissions and the management fee, will be approximately \$ \_\_\_\_\_ and is payable by us.

### **Other Relationships**

From time to time, Wainwright may provide in the future various advisory, investment and commercial banking and other services to us in the ordinary course of business, for which they have received and may continue to receive customary fees and commissions. However, except as disclosed in this prospectus supplement, we have no present arrangements with Wainwright for any further services. Wainwright acted as our exclusive placement agent for our February 2020 registered direct offering and received cash compensation of approximately \$270,000, warrants to purchase up to 1,041,667 common shares at an exercise price of \$0.15 per share, and an 8-month right of first refusal in connection therewith. Wainwright also acted as our exclusive placement agent for our April 2020 registered direct offering and received cash compensation of approximately \$428,000, warrants to purchase up to 1,666,667 common shares at an exercise price of \$0.15 per share, and an 8-month right of first refusal in connection therewith. In addition, Wainwright also acted as our exclusive placement agent for our May 2020 registered direct offering and received cash compensation of approximately \$1,599,903 in connection therewith. Wainwright also acted as our exclusive placement agent for our July 2020 registered direct offering and received cash compensation of approximately \$2,099,825 in connection therewith.

### **Lock-up Agreement**

We have agreed with Wainwright to be subject to a lock-up period of 60 days following the date of closing of the offering pursuant to this prospectus supplement and the accompanying base prospectus. This means that, during the applicable lock-up period, we may not issue, enter into any agreement to issue or announce the issuance or proposed issuance of any common shares or their equivalents, subject to certain exceptions. The underwriter may waive the terms of these lock-up agreements in its sole discretion and without notice.

In addition, subject to certain circumstances, each of our directors and executive officers has entered into a lock-up agreement with the underwriter. Under the lock-up agreements, the directors and executive officers may not, directly or indirectly, offer, sell, contract to sell, hypothecate, pledge, establish an open "put equivalent position" (within the meaning of Rule 16a-1(h) under the Exchange Act), or otherwise dispose of, or enter into any transaction which is designed to or could be expected to result in the disposition of, of our common shares or securities convertible into or exchangeable for our common shares, unless such directors and executive officers obtain prior written consent of the underwriter for a period of 60 days from the date of this prospectus supplement.

### **Transfer Agent**

The transfer agent and registrar for our common shares is AST Trust Company (Canada). Our transfer agent's address is 1 Toronto Street, Suite 1200, Toronto, Ontario M5C 2VC and its telephone number is (416) 682-3844. Our co-transfer agent is American Stock Transfer & Trust Company LLC.

### **Listing**

Our common shares are listed on NYSE American under the symbol "ZOM" and are not listed on any other exchange.

### **Indemnification**

We have agreed to indemnify Wainwright and specified other persons against certain liabilities relating to or arising out of Wainwright's activities under the engagement letter and underwriting agreement and to contribute to payments that Wainwright may be required to make in respect of such liabilities.

### **Price Stabilization, Short Positions and Penalty Bids**

In connection with this offering, the underwriter may engage in stabilizing transactions, overallotment transactions, syndicate covering transactions and penalty bids in connection with our common shares.

Stabilizing transactions permit bids to purchase common shares so long as the stabilizing bids do not exceed a specified maximum.

Overallotment transactions involve sales by the underwriter of common shares in excess of the number of shares the underwriter is obligated to purchase. This creates a syndicate short position which may be either a covered short position or a naked short position. In a covered short position, the number of shares over-allotted by the underwriter is not greater than the number of shares that it may purchase in the overallotment option. In a naked short position, the number of shares involved is greater than the number of shares in the overallotment option. The underwriter may close out any short position by exercising its overallotment option and/or purchasing shares in the open market.

Syndicate covering transactions involve purchases of common shares in the open market after the distribution has been completed in order to cover syndicate short positions. Such a naked short position would be closed out by buying securities in the open market. A naked short position is more likely to be created if the underwriter is concerned that there could be downward pressure on the price of the securities in the open market after pricing that could adversely affect investors who purchase in the offering.

Penalty bids permit the underwriter to reclaim a selling concession from a syndicate member when the securities originally sold by the syndicate member are purchased in a stabilizing or syndicate covering transaction to cover syndicate short positions.

These stabilizing transactions, syndicate covering transactions and penalty bids may have the effect of raising or maintaining the market price of our common shares or preventing or retarding a decline in the market price of our common shares. As a result, the price of our common shares in the open market may be higher than it would otherwise be in the absence of these transactions. Neither we nor the underwriter make any representation or prediction as to the effect that the transactions described above may have on the price of our common shares. These transactions may be effected on the NYSE American, in the over-the-counter market or otherwise and, if commenced, may be discontinued at any time.

### **Electronic Distribution**

A prospectus in electronic format may be made available on the websites maintained by the underwriter, if any, participating in this offering and the underwriter may distribute prospectuses electronically. Other than the prospectus in electronic format, the information on these websites is not part of this prospectus or the registration statement of which this prospectus forms a part, has not been approved or endorsed by us or the underwriter, and should not be relied upon by investors.

### **Canadian Securities Matters**

The common shares are being distributed pursuant to a prospectus exemption under applicable Canadian securities laws on the basis that the common shares are being distributed outside Canada. The underwriter has agreed not to engage in any solicitation or sale of common shares to a person or company who is a resident of Canada or a person or company in Canada.

### **LEGAL MATTERS**

The validity of the common shares offered hereby has been passed upon for us by Fasken Martineau DuMoulin LLP, Calgary, Alberta. Ellenoff Grossman & Schole LLP, New York, New York is acting as counsel to the underwriter in connection with this offering.

## EXPERTS

The consolidated financial statements incorporated in this prospectus supplement by reference from our Annual Report on Form 10-K have been audited by MNP LLP, an independent registered public accounting firm, as stated in their report, which is incorporated herein by reference. Such consolidated financial statements have been incorporated herein by reference in reliance on the report of such firm given upon their authority as experts in accounting and auditing.

## WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. The SEC maintains a website, at <http://www.sec.gov>, that contains registration statements, reports, proxy information statements and other information regarding registrants that file electronically with the SEC, including us. Our website address is <http://www.zomedica.com>. We have not incorporated by reference into this prospectus supplement or the accompanying base prospectus the information on our website, and you should not consider it to be a part of this document.

The SEC allows us to “incorporate by reference” information that we file with it into this prospectus supplement, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is an important part of this prospectus supplement. The information incorporated by reference is considered to be a part of this prospectus supplement, and information that we file later with the SEC will automatically update and supersede information contained in this prospectus supplement.

We incorporate by reference the documents listed below that we have previously filed with the SEC, each of which has Exchange Act File No. 000-38298 unless otherwise noted:

- our Definitive Proxy Statement on Schedule 14A, filed with the SEC on August 14, 2020;
- our Annual Report on Form 10-K for the fiscal year ended December 31, 2019, filed with the SEC on February 26, 2020;
- our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2020, June 30, 2020 and September 30, 2020, filed with the SEC on May 11, 2020, August 10, 2020 and November 12, 2020, respectively;
- our Current Reports on Form 8-K filed with the SEC on January 22, 2020, February 13, 2020, March 17, 2020, April 1, 2020, April 7, 2020, April 8, 2020, April 13, 2020, April 22, 2020, April 24, 2020, June 17, 2020 (as amended by the 8-K/A filed with the SEC on July 1, 2020), July 6, 2020, July 10, 2020, July 29, 2020, August 4, 2020, August 7, 2020, August 27, 2020, September 8, 2020, September 28, 2020, October 6, 2020, November 16, 2020, December 16, 2020, December 23, 2020, January 5, 2021 and January 19, 2021; and
- the description of our common shares as set forth in our Registration Statement on Form 8-A filed with the SEC on November 15, 2017, including any amendments thereto or reports filed for the purposes of updating this description, including the Description of Securities filed as Exhibit 4.1 to our Annual Report.

All reports and other documents that we file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus supplement but prior to the termination of the offering of the securities hereunder will also be considered to be incorporated by reference into this prospectus supplement from the date of the filing of these reports and documents, and will supersede the information herein; *provided, however*, that all reports, exhibits and other information that we “furnish” to the SEC will not be considered incorporated by reference into this prospectus supplement. Any statement contained in a document incorporated by reference in this prospectus supplement shall be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document that also is incorporated by reference herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement or the registration statement.

We will provide you without charge, upon your oral or written request, with a copy of any or all reports, proxy statements and other documents we file with the SEC, as well as any or all of the documents incorporated by reference in this prospectus supplement or the registration statement (other than exhibits to such documents unless such exhibits are specifically incorporated by reference into such documents). Requests for such copies should be directed to:

Zomedica Corp.  
100 Phoenix Drive, Suite 125  
Ann Arbor, Michigan 48108  
(734) 369-2555



**\$300,000,000**

**Common Shares  
Preferred Shares  
Warrants  
Debt Securities  
Subscription Rights  
Units**

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We may offer and sell an indeterminate number of our common shares, preferred shares, warrants, debt securities and subscription rights from time to time under this prospectus. We may offer these securities separately or as units, which may include combinations of the securities. We will describe in a prospectus supplement the securities we are offering and selling, as well as the specific terms of the securities.

We may offer these securities in amounts, at prices and on terms determined at the time of offering. We may sell the securities directly to you, through agents we select, or through underwriters and dealers we select. If we use agents, underwriters or dealers to sell the securities, we will name them and describe their compensation in a prospectus supplement.

Our common shares are listed on the NYSE American and the TSX Venture Exchange under the symbol "ZOM." On December 19, 2018, the last reported closing sale price of our common shares on the NYSE American was \$1.18 per share. We have not yet determined whether the other securities that may be offered by this prospectus will be listed on any exchange, inter-dealer quotation system or over-the-counter market. If we decide to seek the listing of any such securities upon issuance, the prospectus supplement relating to those securities will disclose the exchange, quotation system or market on which the securities will be listed.

We are an "emerging growth company" as that term is used in the Jumpstart Our Business Startups Act of 2012, as amended, or the JOBS Act, and, as such, we have elected to comply with certain reduced public company reporting requirements. See "Prospectus Summary – Implications of Being an Emerging Growth Company" in this prospectus for more information.

**Investing in our securities involves certain risks. See "Risk Factors" in our most recent Annual Report on Form 10-K as such risk factors may be updated in our subsequent reports filed with the Securities and Exchange Commission, which are incorporated by reference herein, and as may be amended, supplemented or superseded from time to time by other reports we file with the Securities and Exchange Commission.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.**

**The date of this prospectus is January 30, 2019**

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## ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (the “SEC”) utilizing a “shelf” registration process. Under this shelf process, we may sell any combination of the securities described in this prospectus in one or more offerings. This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information described under the heading “Where You Can Find More Information.”

We have not authorized anyone to provide any information other than that contained or incorporated by reference in this prospectus or in any free writing prospectus prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained in or incorporated by reference in this prospectus or any prospectus supplement or in any such free writing prospectus is accurate as of any date other than their respective dates.

Unless the context provides otherwise, references herein to “we,” “our,” “us,” “our company” and “Zomedica” refer to Zomedica Pharmaceuticals Corp. together with, where applicable, our consolidated subsidiary, Zomedica Pharmaceuticals Inc., a Delaware corporation.

Unless otherwise noted herein, all references to “CDN\$,” “CAD\$,” or “Canadian dollars” are to the currency of Canada and “\$,” “dollars,” “US\$,” “United States dollars,” or “U.S. dollars” are to the currency of the United States.

### CAUTIONARY NOTE ON FORWARD-LOOKING STATEMENTS

This prospectus, including the documents incorporated by reference herein, contains forward-looking statements. In some cases, you can identify these statements by forward-looking words such as “may,” “might,” “will,” “should,” “expects,” “plans,” “anticipates,” “believes,” “estimates,” “predicts,” “potential” or “continue,” the negative or plural of these words and other comparable terminology. These forward-looking statements, which are subject to risks, uncertainties and assumptions about us, may include projections of our future financial performance, our anticipated growth strategies and anticipated trends in our business. These statements are only predictions based on our current expectations and projections about future events. There are important factors that could cause our actual results, level of activity, performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied by the forward-looking statements, including those factors discussed under the caption entitled “Risk Factors” in our Annual Report on Form 10-K for the fiscal year ended December 31, 2017, as modified under the caption “Risk Factors” in our Quarterly Report on Form 10-Q for the fiscal quarter ended September 30, 2018.

Although we believe the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, level of activity, performance or achievements. Moreover, neither we nor any other person assumes responsibility for the accuracy and completeness of any of these forward-looking statements. We are under no duty to update any of these forward-looking statements after the date of this prospectus to conform our prior statements to actual results or revised expectations.

## PROSPECTUS SUMMARY

### Our Company

We are a development stage veterinary diagnostic and pharmaceutical company creating products for companion animals (canine, feline, and equine) by focusing on the unmet needs of clinical veterinarians. We believe that we have identified and are developing diagnostics and therapeutics that have the potential to significantly improve the diagnosis and treatment of various diseases affecting companion animals. We believe that there are significant unmet medical needs for pets, and that the pet diagnostic and therapeutic segments of the animal health industry are likely to grow substantially as new diagnostic tools and treatments are identified, developed, and marketed specifically for companion animals.

Together with our strategic partners, we are developing a Bulk Acoustic Wave sensor-based veterinary point-of-care diagnostic platform for diagnosis and treatment management of disorders such as thyroid and adrenal abnormalities, a Raman spectroscopy-based point-of-care diagnostic platform for the detection of pathogens, and liquid biopsy assays for the detection of cancer and related consumables. The regulatory pathway to obtain pre-market regulatory approval of companion animal diagnostics is significantly shorter than for similar diagnostic products intended for human use. In certain cases, pre-market regulatory approval may be unnecessary, depending on the intended use of the diagnostic.

We also have identified a number of drugs that have proven safe and effective in humans that we are developing for use in canines and felines. We believe this development approach enables us to reduce the risks associated with obtaining regulatory approval for unproven product candidates and shortens the development timeline necessary to bring our product candidates to market. We have four drug product candidates in early development and have identified several other potential product candidates for further investigation.

In addition, we are investigating the development of alternative drug delivery technologies for our drug product candidates. Many of the human-approved therapeutics used in companion animals are only available in pill or injectable form. However, it can be difficult to give a companion animal an injection or to assure that the animal has swallowed a pill. As a result, we believe that compliance with treatment regimens is a significant problem for veterinarians and pet owners. The challenges associated with medicating pets are unique, and we believe that developing product candidates that can be easily taken by the pet or easily administered by pet owners will help increase compliance.

### Corporate Information

Zomedica Pharmaceuticals Corp. (formerly, Wise Oakwood Ventures Inc.) was originally incorporated as Wise Oakwood Ventures Inc. on January 7, 2013 under the *Business Corporations Act* (Alberta) (“ABCA”). On October 28, 2013, we completed our initial public offering in Canada and became classified as a Capital Pool Company, as defined under the rules of the TSX Venture Exchange, or TSX-V. On April 21, 2016, we changed our name to Zomedica Pharmaceuticals Corp. and consolidated our common shares on a one-for-two and one-half basis. ZoMedica Pharmaceuticals Inc., or ZoMedica Inc., was incorporated on May 14, 2015 under the ABCA. On April 21, 2016, we completed a qualifying transaction, or the Qualifying Transaction, under TSX-V Policy 2.4 – *Capital Pool Companies*, consisting of a three-cornered amalgamation among our company, ZoMedica Inc. and our wholly-owned subsidiary. Under the Qualifying Transaction, ZoMedica Inc. and our subsidiary were amalgamated to form Zomedica Pharmaceuticals Ltd., or Zomedica Ltd. As consideration for the amalgamation, shareholders of ZoMedica Inc. became the owners of 97.6% (non-diluted) of our common shares, and ZoMedica Ltd. became our wholly-owned subsidiary. Subsequent to the Qualifying Transaction, Zomedica Ltd. was vertically amalgamated into our company. We have one wholly-owned subsidiary, Zomedica Pharmaceuticals, Inc., a Delaware company. Our principal executive offices are located at 100 Phoenix Drive, Suite 190, Ann Arbor, MI 48108, and our telephone number is (734) 369-2555. Our website address is [www.zomedica.com](http://www.zomedica.com). We have not incorporated by reference into this prospectus the information on our website, and you should not consider it to be a part of this document.

## Implications of Being an Emerging Growth Company

As a company with less than \$1.07 billion in revenue during our last fiscal year, we qualify as an “emerging growth company” as defined in the Jumpstart Our Business Startups Act, or JOBS Act, enacted in April 2012. An “emerging growth company” may take advantage of reduced reporting requirements that are otherwise applicable to public companies. These provisions include, but are not limited to:

- not being required to comply with the auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act;
- reduced disclosure obligations regarding executive compensation in our periodic reports, proxy statements and registration statements; and
- exemptions from the requirements of holding a non-binding advisory vote on executive compensation and shareholder approval of any golden parachute payments not previously approved.

We may take advantage of these provisions until December 31, 2022. However, if certain events occur prior to December 31, 2022, including if we become a “large accelerated filer,” our annual gross revenues exceed \$1.07 billion or we issue more than \$1.0 billion of non-convertible debt in any three-year period, we will cease to be an emerging growth company before such date.

In addition, the JOBS Act provides that an emerging growth company may delay adopting new or revised accounting standards until such time as those standards apply to private companies. We have irrevocably elected not to avail ourselves of this exemption and, therefore, we will be subject to the same new or revised accounting standards as other public companies that are not emerging growth companies.

## RISK FACTORS

You should carefully consider all of the information in this prospectus and, in particular, you should evaluate the specific risk factors incorporated by reference herein and included or incorporated by reference in any applicable prospectus supplement.

## USE OF PROCEEDS

Unless otherwise indicated in a prospectus supplement, the net proceeds from the sale of the securities will be used for working capital and general corporate purposes. When particular securities are offered, the prospectus supplement relating to that offering will set forth our intended use of the net proceeds received from the sale of those securities we sell. Pending the application of the net proceeds for these purposes, we expect to invest the proceeds in short-term, interest-bearing instruments or other investment-grade securities.

## DESCRIPTION OF COMMON SHARES

The following is a summary of the rights of our common shares as set forth in our Articles of Incorporation, as amended, and By-laws, which are included as exhibits to the registration statement relating to this offering filed by us with the SEC. This summary does not purport to be complete and is qualified in its entirety by the full text of our aforementioned constating documents and by applicable law.

Our authorized capital consists of an unlimited number of common shares without nominal or par value and an unlimited number of preferred shares without nominal or par value, which are issuable in series.

As of September 30, 2018, 94,596,209 common shares were issued and outstanding as fully paid and non-assessable shares. No preferred shares had been issued as of that date and accordingly, none were issued and outstanding. In addition, as of September 30, 2018, we had outstanding options to purchase an aggregate of 3,687,004 common shares outstanding with a weighted average exercise price of \$1.33 per share.

The additional shares of our authorized stock available for issuance may be issued at times and under circumstances so as to have a dilutive effect on earnings per share and on the equity ownership of the holders of our common shares. The ability of our board of directors to issue additional shares could enhance the board’s ability to negotiate on behalf of the shareholders in a take-over situation but could also be used by the board of directors to make a change-in-control more difficult, thereby denying shareholders the potential to sell their shares at a premium and entrenching current management.

## Dividend Rights

Subject to any rights, privileges, restrictions and conditions which may apply to any series of preferred shares that are issued, holders of our common shares are entitled to receive dividends, if, as and when declared by the board of directors.



## **Voting Rights**

The holders of the common shares are entitled to receive notice of and attend any meeting of our shareholders and are entitled to cast one vote for each common share held.

## **No Preemptive, Conversion or Redemption Rights**

Holders of our common shares are not entitled to preemptive rights and our common shares are not subject to conversion or redemption.

## **Rights upon Liquidation**

On the winding-up, liquidation or dissolution of our company or upon the happening of any other event giving rise to a distribution of our assets other than by way of dividend amongst our shareholders for the purposes of winding-up our affairs, subject to any rights, privileges, restrictions and conditions which may have been determined by the directors to attach to any series of preferred shares, the holders of all common shares shall be entitled to participate *pari passu*.

## **Action Necessary to Change the Rights of Holders of our Shares**

Under the *Business Corporations Act* (Alberta) (“ABCA”), a company can amend its articles and governing documents via a special resolution of its shareholders. A “special resolution” is a resolution passed by a majority of not less than two-thirds of the votes cast by the shareholders who voted in respect of that resolution or signed by all the shareholders entitled to vote on that resolution. Items that can be amended via special resolution include (but are not limited to): a change in our name; changing any maximum number of shares that we are authorized to issue; creating new classes of shares; reducing or increasing our stated capital; changing the designation of our shares to add, change or remove any rights, privileges, restrictions and conditions, including rights to accrued dividends, in respect of all or any of our shares, whether issued or unissued; dividing a class of shares, whether issued or unissued, into series and fixing the number of shares in each series and the rights, privileges, restrictions and conditions thereof; authorizing the directors to divide any class of unissued shares into series and to fix the number of shares in each series and the rights, privileges, restrictions and conditions thereof; authorizing the directors to change the rights, privileges, restrictions and conditions attached to unissued shares of any series; or adding, changing or removing restrictions on the issue, transfer or ownership of shares.

## **Shareholder Meetings**

Under the ABCA: (1) We must hold an annual meeting of shareholders not later than 15 months after holding the last preceding annual meeting; (2) the directors may at any time call a special meeting of shareholders; and (3) the holders of not less than 5% of our issued shares that carry the right to vote at a meeting sought to be held may requisition the directors to call a meeting of shareholders for the purposes stated in the requisition. The most recent annual meeting of our shareholders was held on August 15, 2018.

The ABCA requires that notice of the time and place of a meeting of shareholders shall be sent not less than 21 days and not more than 50 days before the meeting: (1) to each shareholder on record that is entitled to vote at the meeting; (2) to each director; and (3) to our auditor.

We also comply with certain continuous disclosure obligations of a reporting issuer in Canada respecting shareholder meetings, in addition to the rules and policies of the TSX-V.

## **Certain Take-over Bid Requirements**

Canadian laws applicable to us provide for early warning disclosure requirements and for take-over bid rules for bids made to security holders in various jurisdictions in Canada, a summary of which is set forth below.

In Canada, securities laws are a matter of provincial/territorial jurisdiction and, as a result, bids are governed by applicable corporate and securities legislation in each province or territory in addition to policy and instruments implemented by Canadian Securities Administrators.

Under the laws of the Provinces of Alberta and British Columbia, the jurisdictions in Canada in which we are a reporting issuer (as defined under provincial securities law), when any person (an “offeror”) acquires, except pursuant to a formal take-over bid, beneficial ownership of, or the power to exercise control or direction over, or securities convertible into, voting or equity securities of any class of a reporting issuer that, together with such offeror’s securities of that class, would constitute 10% or more of the outstanding securities of that class, the offeror must immediately (i) issue and file a press release announcing the acquisition and (ii) file a report of such acquisition with the applicable securities regulatory authorities within two business days of the acquisition. Once an offeror has filed such report, the offeror is required to issue further press releases and file further reports each time that the offeror, or any person acting jointly or in concert with the offeror, acquires beneficial ownership of, or the power to exercise control or direction over, or securities convertible into, an additional 2% or more of the outstanding securities of the applicable class and upon a change in any other material fact set out in previous reports. Certain institutional investors may elect an alternative monthly reporting system.

In Alberta, British Columbia and other Canadian jurisdictions, a take-over bid is generally defined as an offer to acquire outstanding voting or equity securities of a class made to any holder in the jurisdiction of securities subject to the offer to acquire, if the securities subject to the offer to acquire, together with securities held by the offeror and any person acting jointly or in concert with the offeror, constitute in aggregate 20% or more of the outstanding securities of that class of securities at the date of the offer to acquire. Subject to limited exemptions, a take-over bid must generally be made to all holders of securities of the class that is subject to the bid who are in the jurisdiction and must allow such security holders 105 days to accept the bid. Unless exemptions are available, the offeror must deliver to the security holders a take-over bid circular which describes the terms of the take-over bid and the directors of the reporting issuer must deliver a directors’ circular not later than 15 days after the date of the bid, either making or declining to make a recommendation to security holders to accept or reject the bid and the reasons for their making or not making a recommendation. Whilst provincial securities laws in Canada only regulate offers to residents of the particular province, the Canadian Securities Administrators have adopted a policy whereby they may issue a cease trade order against a company if a take-over bid is not made to all Canadian security holders. It should be noted that one exemption from the aforementioned provisions is in the case of a “foreign take-over bid”. Such an exemption may be available where (among other criteria): (a) security holders whose last address as shown on the books of the offeree issuer is in Canada hold less than 10% of the outstanding securities of the class subject to the bid at the commencement of the bid; (b) the offeror reasonably believes that security holders in Canada beneficially own less than 10% of the outstanding securities of the class subject to the bid at the commencement of the bid; (c) the published market on which the greatest volume of trading in securities of that class occurred during the 12 months immediately preceding the commencement of the bid was not in Canada; (d) security holders in the local jurisdiction are entitled to participate in the bid on terms at least as favourable as the terms that apply to the general body of security holders of the same class; (e) at the same time as material relating to the bid is sent by or on behalf of the offeror to security holders of the class that is subject to the bid, the material is filed and sent to security holders whose last address as shown on the books of the offeree issuer is in the local jurisdiction. For a complete description of the foreign take-over bid exemption, readers are referenced to Multilateral Instrument 62-104 – *Take-over Bids and Issuer Bids*, issued by the Canadian Securities Administrators.

#### **Transfer Agent and Registrar**

The transfer agent and registrar for our common shares is AST Trust Company (Canada). Our transfer agent’s address is 1 Toronto Street, Suite 1200, Toronto, Ontario M5C 2VC and its telephone number is (416) 682-3844.

Our co-transfer agent is American Stock Transfer & Trust Company.

#### **Listing**

Our common shares are listed on the NYSE American and the TSX Venture Exchange under the symbol “ZOM.”

## DESCRIPTION OF PREFERRED SHARES

Our board of directors is authorized, subject to limitations imposed by the ABCA and our Articles of Amalgamation, to issue an unlimited number of preferred shares in one or more series, without shareholder approval, unless shareholder approval is required by applicable law or by the rules of a stock exchange or quotation system on which any series of our preferred shares may be listed or quoted. Our board is authorized to establish from time to time the number of shares to be included in each series and to fix the rights, preferences and privileges of the shares of each wholly unissued series and any of its qualifications, limitations or restrictions.

This prospectus describes certain general terms and provisions of our preferred shares. When we offer to sell a particular series of preferred shares, we will describe the specific terms of the securities in a supplement to this prospectus. The prospectus supplement will also indicate which terms and provisions described in this prospectus apply to the particular series of preferred shares. The terms of the preferred shares will be determined by a resolution of the directors, following which we shall file Articles of Amendment with the Corporate Registry of the Province of Alberta. The series of preferred shares will become effective upon the issuance by the foregoing Registry of a Certificate of Amendment. Copies of the Articles and Certificate of Amendment (which will include a complete description of such share capital terms), will be posted under our corporate profile on [www.sedar.com](http://www.sedar.com).

The prospectus supplement will describe the terms of any preferred shares being offered, including:

- the number of shares and designation or title of the shares;
- any liquidation preference per share;
- any date of maturity;
- any redemption, repayment or sinking fund provisions;
- any dividend rate or rates and the dates of payment (or the method for determining the dividend rates or dates of payment);
- any restriction on the repurchase or redemption of shares by us while there is any arrearage in the payment of dividends or sinking fund installments;
- any voting rights;
- if other than the currency of the United States, the currency or currencies, including composite currencies, in which the preferred stock is denominated and/or in which payments will or may be payable;
- whether the preferred shares are convertible or exchangeable and, if so, the securities or rights into which the preferred shares are convertible or exchangeable, and the terms and conditions of conversion or exchange;
- the place or places where dividends and other payments on the preferred shares will be payable; and
- any additional voting, dividend, liquidation, redemption and other rights, preferences, privileges, limitations and restrictions.

All preferred shares offered will be fully paid and non-assessable. Any preferred shares that are issued will have priority over our common shares with respect to dividend or liquidation rights or both.

The transfer agent for each series of preferred shares will be described in the relevant prospectus supplement.

## DESCRIPTION OF WARRANTS

We may issue warrants to purchase our debt or equity securities or securities of third parties or other rights, including rights to receive payment in cash or securities based on the value, rate or price of one or more specified commodities, currencies, securities or indices, or any combination of the foregoing. Warrants may be issued independently or together with any other securities and may be attached to, or separate from, such securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a bank, trust company or other financial institution, as warrant agent, or we may issue warrants directly to investors. A description of the terms and material provisions of any warrants we may issue will be set forth in the applicable prospectus supplement.

The applicable prospectus supplement will describe the following terms of any warrants in respect of which this prospectus is being delivered:

- the title of such warrants;
- the aggregate number of such warrants;
- the price or prices at which such warrants will be issued;
- the currency or currencies in which the price of such warrants will be payable;
- the securities or other rights, including rights to receive payment in cash or securities based on the value, rate or price of one or more specified commodities, currencies, securities or indices, or any combination of the foregoing, purchasable upon exercise of such warrants;
- the price at which and the currency or currencies in which the securities or other rights purchasable upon exercise of such warrants may be purchased;
- the date on which the right to exercise such warrants shall commence and the date on which such right shall expire;
- if applicable, the minimum or maximum amount of such warrants which may be exercised at any one time;
- provision for changes to or adjustments in the exercise price of such warrants, if any;
- if applicable, the designation and terms of the securities with which such warrants are issued and the number of such warrants issued with each such security;
- if applicable, the date on and after which such warrants and the related securities will be separately transferable;
- information with respect to book-entry procedures, if any;
- if applicable, a discussion of any material United States Federal income tax or foreign income tax considerations; and
- any other terms of such warrants, including terms, procedures and limitations relating to the exchange and exercise of such warrants.

## DESCRIPTION OF DEBT SECURITIES

This prospectus describes certain general terms and provisions of debt securities that we may offer. The debt securities may be issued pursuant to, in the case of senior debt securities, a senior indenture, and in the case of subordinated debt securities, a subordinated indenture, in each case in the forms filed as exhibits to this registration statement, which we refer to as the “indentures.” The indentures will be entered into between us and a trustee to be named prior to the issuance of any debt securities, which we refer to as the “trustee.” The indentures will not limit the amount of debt securities that can be issued thereunder and will provide that the debt securities may be issued from time to time in one or more series pursuant to the terms of one or more securities resolutions or supplemental indentures creating such series.

We have summarized below the material provisions of the indentures and the debt securities or indicated which material provisions will be described in the related prospectus supplement for any offering of debt securities. These descriptions are only summaries, and you should refer to the relevant indenture for the particular offering of debt securities itself which will describe completely the terms and definitions of the offered debt securities and contain additional information about the debt securities.

All references in this section, “Description of Debt Securities,” to “Zomedica,” the “Company,” “we,” “us,” “our,” the “registrant” or similar words are solely to Zomedica Pharmaceuticals Corp., and not to its subsidiaries.

### Terms

When we offer to sell a particular series of debt securities, we will describe the specific terms of the securities in a prospectus supplement. The prospectus supplement will set forth the following terms, as applicable, of the debt securities offered thereby:

- the designation, aggregate principal amount, currency or composite currency and denominations;
- the price at which such debt securities will be issued and, if an index formula or other method is used, the method for determining amounts of principal or interest;
- the maturity date and other dates, if any, on which principal will be payable;
- whether or not the debt securities will be secured or unsecured, and the terms of any secured debt;
- whether the debt securities rank as senior debt, senior subordinated debt, subordinated debt or any combination thereof, and the terms of any subordination;
- the interest rate (which may be fixed or variable), if any;
- the date or dates from which interest will accrue and on which interest will be payable, and the record dates for the payment of interest;
- the manner of paying principal and interest;
- the place or places where principal and interest will be payable;
- the terms of any mandatory or optional redemption by us or any third party including any sinking fund;
- the terms of any conversion or exchange;
- the terms of any redemption at the option of holders or put by the holders;
- any tax indemnity provisions;
- if the debt securities provide that payments of principal or interest may be made in a currency other than that in which debt securities are denominated, the manner for determining such payments;

- the portion of principal payable upon acceleration of a Discounted Debt Security (as defined below);
- whether and upon what terms debt securities may be defeased;
- any events of default or covenants in addition to or in lieu of those set forth in the indentures;
- provisions for electronic issuance of debt securities or for debt securities in uncertificated form; and
- any additional provisions or other special terms not inconsistent with the provisions of the indentures, including any terms that may be required or advisable under United States or other applicable laws or regulations, or advisable in connection with the marketing of the debt securities.

Debt securities of any series may be issued as registered debt securities or uncertificated debt securities, in such denominations as specified in the terms of the series.

Securities may be issued under the indentures as Discounted Debt Securities to be offered and sold at a substantial discount from the principal amount thereof. Special United States federal income tax and other considerations applicable thereto will be described in the prospectus supplement relating to such Discounted Debt Securities. "Discounted Debt Security" means a security where the amount of principal due upon acceleration is less than the stated principal amount.

We are not obligated to issue all debt securities of one series at the same time and, unless otherwise provided in the prospectus supplement, we may reopen a series, without the consent of the holders of the debt securities of that series, for the issuance of additional debt securities of that series. Additional debt securities of a particular series will have the same terms and conditions as outstanding debt securities of such series, except for the date of original issuance and the offering price, and will be consolidated with, and form a single series with, such outstanding debt securities.

### **Ranking**

The senior debt securities will rank equally with all of our other senior and unsubordinated debt. Our secured debt, if any, will be effectively senior to the senior debt securities to the extent of the value of the assets securing such debt. The subordinated debt securities will be subordinate and junior in right of payment to all of our present and future senior indebtedness to the extent and in the manner described in the prospectus supplement and as set forth in the board resolution, officer's certificate or supplemental indenture relating to such offering.

We have only a stockholder's claim on the assets of our subsidiaries. This stockholder's claim is junior to the claims that creditors of our subsidiaries have against our subsidiaries. Holders of our debt securities will be our creditors and not creditors of any of our subsidiaries. As a result, all the existing and future liabilities of our subsidiaries, including any claims of their creditors, will effectively be senior to the debt securities with respect to the assets of our subsidiaries. In addition, to the extent that we issue any secured debt, the debt securities will be effectively subordinated to such secured debt to the extent of the value of the assets securing such secured debt.

The debt securities will be obligations exclusively of Zomedica Pharmaceuticals Corp. To the extent that our ability to service our debt, including the debt securities, may be dependent upon the earnings of our subsidiaries, our ability to do so will be dependent on the ability of our subsidiaries to distribute those earnings to us as dividends, loans or other payments.

### **Certain Covenants**

Any covenants that may apply to a particular series of debt securities will be described in the prospectus supplement relating thereto.

## Successor Obligor

The indentures provide that, unless otherwise specified in the securities resolution or supplemental indenture establishing a series of debt securities, we shall not consolidate with or merge into, or transfer all or substantially all of our assets to, any person in any transaction in which we are not the survivor, unless:

- the person is organized under the laws of the United States or a jurisdiction within the United States;
- the person assumes by supplemental indenture all of our obligations under the relevant indenture, the debt securities and any coupons;
- immediately after the transaction no Default (as defined below) exists; and
- we deliver to the trustee an officers' certificate and opinion of counsel stating that the transaction complies with the foregoing requirements.

In such event, the successor will be substituted for us, and thereafter all of our obligations under the relevant indenture, the debt securities and any coupons will terminate.

## Exchange of Debt Securities

Registered debt securities may be exchanged for an equal aggregate principal amount of registered debt securities of the same series and date of maturity in such authorized denominations as may be requested upon surrender of the registered debt securities at an agency of the Company maintained for such purpose and upon fulfillment of all other requirements of such agent.

## Default and Remedies

Unless the securities resolution or supplemental indenture establishing the series otherwise provides (in which event the prospectus supplement will so state), an "Event of Default" with respect to a series of debt securities will occur if:

- (1) we default in any payment of interest on any debt securities of such series when the same becomes due and payable and the default continues for a period of 30 days;
- (2) we default in the payment of the principal and premium, if any, of any debt securities of such series when the same becomes due and payable at maturity or upon redemption, acceleration or otherwise and such default shall continue for five or more days;
- (3) we default in the performance of any of our other agreements applicable to the series and the default continues for 30 days after the notice specified below;
- (4) a court of competent jurisdiction enters an order or decree under any Bankruptcy Law (as defined below) that:
  - (A) is for relief against us in an involuntary case,
  - (B) appoints a Custodian (as defined below) for us or for all or substantially all of our property, or
  - (C) orders the liquidation of us, and the order or decree remains unstayed and in effect for 90 days;
- (5) we pursuant to or within the meaning of any Bankruptcy Law:
  - (A) commence a voluntary case,
  - (B) consent to the entry of an order for relief against us in an involuntary case,
  - (C) consent to the appointment of a Custodian for us or for all or substantially all of our property, or
  - (D) make a general assignment for the benefit of our creditors; or
- (6) there occurs any other Event of Default provided for in such series.

The term “Bankruptcy Law” means the applicable law as prescribed under the governing indenture, being: (i) in the United States, Title 11 of the United States Code or any similar Federal or State law for the relief of debtors; or (ii) in Canada, the *Bankruptcy and Insolvency Act* (Canada). The term “Custodian” means any receiver, trustee, assignee, liquidator or a similar official under any Bankruptcy Law.

“Default” means any event which is, or after notice or passage of time would be, an Event of Default. A Default under subparagraph (3) above is not an Event of Default until the trustee or the holders of at least 25% in principal amount of the series notify us of the Default and we do not cure the Default within the time specified after receipt of the notice.

The trustee may require indemnity satisfactory to it before it enforces the indentures or the debt securities of the series. Subject to certain limitations, holders of a majority in principal amount of the debt securities of the series may direct the trustee in its exercise of any trust or power with respect to such series. Except in the case of Default in payment on a series, the trustee may withhold from securityholders of such series notice of any continuing Default if the trustee determines that withholding notice is in the interest of such Securityholders. We are required to furnish the trustee annually a brief certificate as to our compliance with all conditions and covenants under the indentures.

The indentures do not have cross-default provisions. Thus, a default by us on any other debt, including any other series of debt securities, would not constitute an Event of Default.

### **Amendments and Waivers**

The indentures and the debt securities or any coupons of the series may be amended, and any Default may be waived as follows:

Unless the securities resolution or supplemental indenture otherwise provides (in which event the applicable prospectus supplement will so state), the debt securities and the indentures may be amended with the consent of the holders of a majority in principal amount of the debt securities of all series affected voting as one class. Unless the securities resolution or supplemental indenture otherwise provides (in which event the applicable prospectus supplement will so state), a Default other than a Default in payment on a particular series may be waived with the consent of the holders of a majority in principal amount of the debt securities of the series. However, without the consent of each securityholder affected, no amendment or waiver may:

- change the fixed maturity of or the time for payment of interest on any debt security;
- reduce the principal, premium or interest payable with respect to any debt security;
- change the place of payment of a debt security or the currency in which the principal or interest on a debt security is payable;
- change the provisions for calculating any redemption or repurchase price with respect to any debt security;
- reduce the amount of debt securities whose holders must consent to an amendment or waiver;
- make any change that materially adversely affects the right to convert any debt security;
- waive any Default in payment of principal of or interest on a debt security; or
- adversely affect any holder’s rights with respect to redemption or repurchase of a debt security.



Without the consent of any securityholder, the indentures or the debt securities may be amended to:

- provide for assumption of our obligations to securityholders in the event of a merger or consolidation requiring such assumption;
- to cure any ambiguity, omission, defect or inconsistency;
- to conform the terms of the debt securities to the description thereof in the prospectus and prospectus supplement offering such debt securities;
- to create a series and establish its terms;
- to provide for assumption of our obligations to securityholders in the event of a merger or consolidation requiring such assumption;
- to make any change that does not adversely affect the rights of any securityholder;
- to add to our covenants; or
- to make any other change to the indentures so long as no debt securities are outstanding.

### **Conversion Rights**

Any securities resolution or supplemental indenture establishing a series of debt securities may provide that the debt securities of such series will be convertible at the option of the holders thereof into or for our common shares or other equity or debt instruments. The securities resolution or supplemental indenture may establish, among other things, (1) the number or amount of shares of common stock or other equity or debt instruments for which \$1,000 aggregate principal amount of the debt securities of the series is convertible, as may be adjusted pursuant to the terms of the relevant indenture and the securities resolution; and (2) provisions for adjustments to the conversion rate and limitations upon exercise of the conversion right. The indentures provide that we will not be required to make an adjustment in the conversion rate unless the adjustment would require a cumulative change of at least 1% in the conversion rate. However, we will carry forward any adjustments that are less than 1% of the conversion rate and take them into account in any subsequent adjustment of the conversion rate.

### **Legal Defeasance and Covenant Defeasance**

Debt securities of a series may be defeased in accordance with their terms and, unless the securities resolution or supplemental indenture establishing the terms of the series otherwise provides, as set forth below. We at any time may terminate as to a series all of our obligations (except for certain obligations, including obligations with respect to the defeasance trust and obligations to register the transfer or exchange of a debt security, to replace destroyed, lost or stolen debt securities and coupons and to maintain paying agencies in respect of the debt securities) with respect to the debt securities of the series and any related coupons and the relevant indenture, which we refer to as legal defeasance. We at any time may terminate as to a series our obligations with respect to any restrictive covenants which may be applicable to a particular series, which we refer to as covenant defeasance.

We may exercise our legal defeasance option notwithstanding our prior exercise of our covenant defeasance option. If we exercise our legal defeasance option, a series may not be accelerated because of an Event of Default. If we exercise our covenant defeasance option, a series may not be accelerated by reference to any covenant which may be applicable to a series.

To exercise either defeasance option as to a series, we must (1) irrevocably deposit in trust with the trustee (or another trustee) money or U.S. Government Obligations (as defined below), deliver a certificate from a nationally recognized firm of independent accountants expressing their opinion that the payments of principal and interest when due on the deposited U.S. Government Obligations, without reinvestment, plus any deposited money without investment will provide cash at such times and in such amounts as will be sufficient to pay the principal and interest when due on all debt securities of such series to maturity or redemption, as the case may be; and (2) comply with certain other conditions. In particular, we must obtain an opinion of tax counsel that the defeasance will not result in recognition of any gain or loss to holders for federal income tax purposes.

“U.S. Government Obligations” means direct obligations of the United States or any agency or instrumentality of the United States, the payment of which is unconditionally guaranteed by the United States, which, in either case, have the full faith and credit of the United States pledged for payment and which are not callable at the issuer’s option, or certificates representing an ownership interest in such obligations.

**Regarding the Trustee**

Unless otherwise indicated in a prospectus supplement, the trustee will also act as depository of funds, transfer agent, paying agent and conversion agent, as applicable, with respect to the debt securities. We may remove the trustee as the trustee under a given indenture with or without cause if we so notify the trustee three months in advance and if no Default occurs during the three-month period. The indenture trustee may also provide additional unrelated services to us as a depository of funds, registrar, trustee and similar services.

**Governing Law**

The indentures and the debt securities will be governed by New York law, except to the extent that the Trust Indenture Act of 1939 is applicable.

## DESCRIPTION OF SUBSCRIPTION RIGHTS

We may issue subscription rights to purchase our common shares, preferred shares or debt securities. These subscription rights may be offered independently or together with any other security offered hereby and may or may not be transferable by the shareholder receiving the subscription rights in such offering. In connection with any offering of subscription rights, we may enter into a standby arrangement with one or more underwriters or other purchasers pursuant to which the underwriters or other purchasers may be required to purchase any securities remaining unsubscribed for after such offering.

The prospectus supplement relating to any subscription rights we offer, if any, will, to the extent applicable, include specific terms relating to the offering, including some or all of the following:

- the price, if any, for the subscription rights;
- the exercise price payable for our common shares, preferred shares or debt securities upon the exercise of the subscription rights;
- the number of subscription rights to be issued to each shareholder;
- the number and terms of our common shares, preferred shares or debt securities which may be purchased per each subscription right;
- the extent to which the subscription rights are transferable;
- any other terms of the subscription rights, including the terms, procedures and limitations relating to the exchange and exercise of the subscription rights;
- the date on which the right to exercise the subscription rights shall commence, and the date on which the subscription rights shall expire;
- the extent to which the subscription rights may include an over-subscription privilege with respect to unsubscribed securities or an over-allotment privilege to the extent the securities are fully subscribed; and
- if applicable, the material terms of any standby underwriting or purchase arrangement which may be entered into by us in connection with the offering of subscription rights.

## DESCRIPTION OF UNITS

We may issue units comprised of one or more of the other classes of securities described in this prospectus in any combination. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The units may be issued under unit agreements to be entered into between us and a unit agent, as detailed in the prospectus supplement relating to the units being offered. The prospectus supplement will describe:

- the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;
- any provisions for the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units;
- the terms of the unit agreement governing the units;
- United States federal income tax and/or foreign income tax considerations relevant to the units; and
- whether the units will be issued in fully registered global form.

## FORMS OF SECURITIES

Each debt security and, to the extent applicable, warrant, subscription right and unit, will be represented either by a certificate issued in definitive form to a particular investor or by one or more global securities representing the entire issuance of securities. Certificated securities in definitive form and global securities will be issued in registered form. Definitive securities name you or your nominee as the owner of the security, and in order to transfer or exchange these securities or to receive payments other than interest or other interim payments, you or your nominee must physically deliver the securities to the trustee, registrar, paying agent or other agent, as applicable. Global securities name a depositary or its nominee as the owner of the debt securities or warrants represented by these global securities. The depositary maintains a computerized system that will reflect each investor's beneficial ownership of the securities through an account maintained by the investor with its broker/dealer, bank, trust company or other representative, as we explain more fully below.

### Global Securities

*Registered Global Securities.* We may issue the registered debt securities and, to the extent applicable, warrants, subscription rights and units in the form of one or more fully registered global securities that will be deposited with a depositary or its nominee identified in the applicable prospectus supplement and registered in the name of that depositary or nominee. In those cases, one or more registered global securities will be issued in a denomination or aggregate denominations equal to the portion of the aggregate principal or face amount of the securities to be represented by registered global securities. Unless and until it is exchanged in whole for securities in definitive registered form, a registered global security may not be transferred except as a whole by and among the depositary for the registered global security, the nominees of the depositary or any successors of the depositary or those nominees.

If not described below, any specific terms of the depositary arrangement with respect to any securities to be represented by a registered global security will be described in the prospectus supplement relating to those securities. We anticipate that the following provisions will apply to all depositary arrangements.

Ownership of beneficial interests in a registered global security will be limited to persons, called participants, that have accounts with the depositary or persons that may hold interests through participants. Upon the issuance of a registered global security, the depositary will credit, on its book-entry registration and transfer system, the participants' accounts with the respective principal or face amounts of the securities beneficially owned by the participants. Any dealers, underwriters or agents participating in the distribution of the securities will designate the accounts to be credited. Ownership of beneficial interests in a registered global security will be shown on, and the transfer of ownership interests will be effected only through, records maintained by the depositary, with respect to interests of participants, and on the records of participants, with respect to interests of persons holding through participants. The laws of some states may require that some purchasers of securities take physical delivery of these securities in definitive form. These laws may impair your ability to own, transfer or pledge beneficial interests in registered global securities.

So long as the depositary, or its nominee, is the registered owner of a registered global security, that depositary or its nominee, as the case may be, will be considered the sole owner or holder of the securities represented by the registered global security for all purposes under the applicable indenture or warrant agreement. Except as described below, owners of beneficial interests in a registered global security will not be entitled to have the securities represented by the registered global security registered in their names, will not receive or be entitled to receive physical delivery of the securities in definitive form and will not be considered the owners or holders of the securities under the applicable indenture or warrant agreement. Accordingly, each person owning a beneficial interest in a registered global security must rely on the procedures of the depositary for that registered global security and, if that person is not a participant, on the procedures of the participant through which the person owns its interest, to exercise any rights of a holder under the applicable indenture or warrant agreement. We understand that under existing industry practices, if we request any action of holders or if an owner of a beneficial interest in a registered global security desires to give or take any action that a holder is entitled to give or take under the applicable indenture or warrant agreement, the depositary for the registered global security would authorize the participants holding the relevant beneficial interests to give or take that action, and the participants would authorize beneficial owners owning through them to give or take that action or would otherwise act upon the instructions of beneficial owners holding through them.

Principal, premium, if any, and interest payments on debt securities and any payments to holders with respect to warrants represented by a registered global security registered in the name of a depositary or its nominee will be made to the depositary or its nominee, as the case may be, as the registered owner of the registered global security. None of Zomedica, the trustees, the warrant agents or any other agent of Zomedica, agent of the trustees or agent of the warrant agents will have any responsibility or liability for any aspect of the records relating to payments made on account of beneficial ownership interests in the registered global security or for maintaining, supervising or reviewing any records relating to those beneficial ownership interests.

We expect that the depository for any of the securities represented by a registered global security, upon receipt of any payment of principal, premium, interest or other distribution of underlying securities or other property to holders on that registered global security, will immediately credit participants' accounts in amounts proportionate to their respective beneficial interests in that registered global security as shown on the records of the depository. We also expect that payments by participants to owners of beneficial interests in a registered global security held through participants will be governed by standing customer instructions and customary practices, as is now the case with the securities held for the accounts of customers in bearer form or registered in "street name," and will be the responsibility of those participants.

If the depository for any of these securities represented by a registered global security is at any time unwilling or unable to continue as depository or ceases to be a clearing agency registered under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and a successor depository registered as a clearing agency under the Exchange Act is not appointed by us within 90 days, we will issue securities in definitive form in exchange for the registered global security that had been held by the depository. Any securities issued in definitive form in exchange for a registered global security will be registered in the name or names that the depository gives to the relevant trustee or warrant agent or other relevant agent of ours or theirs. It is expected that the depository's instructions will be based upon directions received by the depository from participants with respect to ownership of beneficial interests in the registered global security that had been held by the depository.

## PLAN OF DISTRIBUTION

We may sell the securities being offered hereby in the following manner or any manner specified in a prospectus supplement:

- directly to purchasers;
- through agents;
- through underwriters; and
- through dealers.

The prospectus supplement will set forth the terms of the offering of such securities, including:

- the name or names of any underwriters, dealers or agents and the amounts of securities underwritten or purchased by each of them;
- the initial public offering price of the securities and the proceeds to us and any discounts, commissions or concessions allowed or reallocated or paid to dealers; and
- any securities exchanges on which the securities may be listed.

We may directly solicit offers to purchase securities, or agents may be designated to solicit such offers. We will, in the prospectus supplement relating to such offering, name any agent that could be viewed as an underwriter under the Securities Act, and describe any commissions that we must pay. Any such agent will be acting on a best efforts basis for the period of its appointment or, if indicated in the applicable prospectus supplement, on a firm commitment basis. Agents, dealers and underwriters may be customers of, engage in transactions with, or perform services for us in the ordinary course of business.

If any underwriters or agents are utilized in the sale of the securities in respect of which this prospectus is delivered, we will enter into an underwriting agreement or other agreement with them at the time of sale to them, and we will set forth in the prospectus supplement relating to such offering the names of the underwriters or agents and the terms of the related agreement with them.

If a dealer is utilized in the sale of the securities in respect of which the prospectus is delivered, we will sell such securities to the dealer, as principal. The dealer may then resell such securities to the public at varying prices to be determined by such dealer at the time of resale.

Remarketing firms, agents, underwriters and dealers may be entitled under agreements which they may enter into with us to indemnification by us against certain civil liabilities, including liabilities under the Securities Act, and may be customers of, engage in transactions with or perform services for us in the ordinary course of business.

In order to facilitate the offering of the securities, any underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of the securities or any other securities the prices of which may be used to determine payments on such securities. Specifically, any underwriters may overallocate in connection with the offering, creating a short position for their own accounts. In addition, to cover overallocations or to stabilize the price of the securities or of any such other securities, the underwriters may bid for, and purchase, the securities or any such other securities in the open market. Any of these activities may stabilize or maintain the market price of the securities above independent market levels. Any such underwriters are not required to engage in these activities and may end any of these activities at any time.

Any underwriter, agent or dealer utilized in the initial offering of any securities issued hereunder will not confirm sales to accounts over which it exercises discretionary authority without the prior specific written approval of its customer.

## CERTAIN U.S. AND CANADIAN FEDERAL INCOME TAX CONSIDERATIONS

Information regarding material Canadian and U.S. federal income tax consequences to persons investing in the Securities offered by this Prospectus will be set forth in an applicable Prospectus Supplement. You are urged to consult your own tax advisors prior to any acquisition of our Securities.

### LEGAL MATTERS

Unless otherwise indicated in the applicable prospectus supplement, the validity of any common shares or preferred shares offered hereby will be passed upon for us by Tingle Merrett LLP, Calgary, Alberta, Canada. Partners and associates of Tingle Merrett LLP own or exert control or direction over an aggregate of 1,300,000 common shares. Unless otherwise indicated in the applicable prospectus supplement, the validity of the other securities offered hereby will be passed upon for us by Lowenstein Sandler LLP, New York, New York. Lowenstein Sandler LLP owns 43,613 common shares.

### EXPERTS

The consolidated financial statements incorporated in this prospectus by reference from our Annual Report on Form 10-K have been audited by MNP LLP, an independent registered public accounting firm, as stated in their report which is incorporated herein by reference. Such consolidated financial statements have been incorporated herein by reference in reliance on the report of such firm, given upon their authority as experts in accounting and auditing.

### WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read or obtain a copy of these reports at the SEC's public reference room at 100 F Street, N.E., Washington, D.C. 20549, on official business days during the hours of 10:00 am to 3:00 pm. You may obtain information on the operation of the public reference room and its copy charges by calling the SEC at 1-800-SEC-0330. The SEC maintains a website, at <http://www.sec.gov>, that contains registration statements, reports, proxy information statements and other information regarding registrants that file electronically with the SEC, including us. Our website address is <http://www.zomedica.com>. We have not incorporated by reference into this prospectus the information on our website, and you should not consider it to be a part of this document.

The SEC allows us to "incorporate by reference" information that we file with it into this prospectus, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is an important part of this prospectus. The information incorporated by reference is considered to be a part of this prospectus, and information that we file later with the SEC will automatically update and supersede information contained in this prospectus and any accompanying prospectus supplement.

We incorporate by reference the documents listed below that we have previously filed with the SEC, each of which has Exchange Act File No. 000-38298 unless otherwise noted:

- our Annual Report on Form 10-K for the fiscal year ended December 31, 2017, filed with the SEC on February 28, 2018;
- our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2018, June 30, 2018 and September 30, 2018, which were filed with the SEC on May 15, 2018, August 9, 2018 and November 13, 2018, respectively;
- our definitive Proxy Statement on Schedule 14A filed with the SEC on July 5, 2018;
- our Current Reports on Form 8-K filed with the SEC on May 10, 2018, May 15, 2018 (excluding materials furnished under Item 2.02 and the related exhibit), June 15, 2018, June 19, 2018, June 29, 2018, August 15, 2018, November 28, 2018, and December 20, 2018; and
- the description of our common shares as set forth in our Registration Statement on Form 8-A filed with the SEC on November 15, 2017, including any amendments thereto or reports filed for the purposes of updating this description.



All reports and other documents that we file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus but prior to the termination of the offering of the securities hereunder will also be considered to be incorporated by reference into this prospectus from the date of the filing of these reports and documents, and will supersede the information herein; *provided, however*, that all reports, exhibits and other information that we “furnish” to the SEC will not be considered incorporated by reference into this prospectus. Any statement contained in a document incorporated by reference in this prospectus or any prospectus supplement shall be deemed to be modified or superseded to the extent that a statement contained herein, therein or in any other subsequently filed document that also is incorporated by reference herein or therein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus or any prospectus supplement.

We will provide you without charge, upon your oral or written request, with a copy of any or all reports, proxy statements and other documents we file with the SEC, as well as any or all of the documents incorporated by reference in this prospectus or the registration statement (other than exhibits to such documents unless such exhibits are specifically incorporated by reference into such documents). Requests for such copies should be directed to:

Zomedica Pharmaceuticals Corp.  
100 Phoenix Drive, Suite 190  
Ann Arbor, Michigan 48108  
(734) 369-2555



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**Common Shares**

**PROSPECTUS SUPPLEMENT**

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**H.C. Wainwright & Co.**

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