

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM S-3  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933**

**XBIOTECH INC.**  
(Exact name of registrant as specified in its charter)

**British Columbia, Canada  
(State or other jurisdiction of  
incorporation or organization)**

**Not Applicable  
(I.R.S. Employer  
Identification Number)**

**8201 E. Riverside Dr.  
Building 4, Suite 100  
Austin, TX. 78744  
(512) 386-2900**

(Address, including zip code, and telephone number, including area code of registrant's principal executive offices)

**John Simard,  
President and Chief Executive Officer  
8201 E. Riverside Dr.  
Building 4, Suite 100  
Austin Texas. 78744  
(512) 386-2900**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

*Copies to:*

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**From time to time after the effective date of this Registration Statement  
(Approximate date of commencement of proposed sale to the public)**

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

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

Large accelerated filer

Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company)

Smaller Reporting Company

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**CALCULATION OF REGISTRATION FEE**

Title of Each Class of Securities To Be Registered	Amount to be Registered (1)	Proposed Maximum Aggregate Price Per Unit(2)	Proposed Maximum Aggregate Offering Price (2)	Amount of Registration Fee
Common shares, no par value per share	7,000,000	\$14.72	\$103,040,000	\$10,376.13

1. Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), this registration statement also covers an indeterminate number of shares of common stock that may be issued as a result of a stock split, stock dividend, recapitalization or other similar adjustment of the outstanding common stock.
2. Estimated solely for the purpose of calculating the registration fee under Rule 457(c) of the Securities Act. Such price per share is the average of the high and low prices for the registrant's common stock on the NASDAQ Global Select Market<sup>1</sup> on August 16, 2016, a date which is within five days of the date this registration statement was filed.

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**The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment that specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.**

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<sup>1</sup> Note: Form 10-K lists Nasdaq Global Market as exchange shares are listed on, but final prospectus for IPO states Nasdaq Global Select Market. Confirm which is correct and update accordingly throughout.

**The information in this prospectus is not complete and may be changed. We may not sell these securities or accept an offer to buy these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities, and it is not soliciting offers to buy these securities in any state where such offer or sale is not permitted.**

**Subject To Completion, Dated August 19, 2016**



**7,000,000**

**Common Shares**

We may offer and issue from time to time up to 7,000,000 common shares in one or more transactions under this shelf prospectus. The common shares may be offered in amounts, at prices and on terms to be determined based on market conditions at the time of sale and set forth in an accompanying prospectus supplement.

This prospectus provides you with a general description of the common shares that we may offer. Each time we offer common shares, we will provide you with a prospectus supplement that describes specific information about the particular common shares being offered and may add, update or change information contained or incorporated by reference in this prospectus. You should read both this prospectus and the applicable prospectus supplement, together with the additional information that is incorporated by reference into this prospectus and the applicable prospectus supplement.

These securities may be offered and sold in the same offering or in separate offerings; to or through underwriters, dealers, and agents; or directly to purchasers. The names of any underwriters, dealers, or agents involved in the sale of our securities, their compensation and any over-allotment options held by them will be described in the applicable prospectus supplement. For a more complete description of the plan of distribution of these securities, see the section titled “Plan of Distribution” beginning on page 7 of this prospectus.

Our common shares are listed on the NASDAQ Global Select Market under the symbol “XBIT”. On August 18, 2016, the closing price of our common shares on the NASDAQ Global Select Market was US\$15.10 per share. Our principal executive offices are located at 8201 E. Riverside Drive, Building 4, Suite 100, Austin, Texas 78744, and our telephone number is (512) 386-2900.

**We are an “emerging growth company” as defined under the federal securities laws and, as such, have elected to comply with certain reduced public company reporting requirements.**

Investing in our securities involves a high degree of risk. You should carefully read the “Risk Factors” section of this prospectus beginning on page 2.

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed on the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.**

**The date of this prospectus is .**

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## ABOUT THIS PROSPECTUS

This prospectus is a part of a registration statement that we have filed with the Securities and Exchange Commission (the “SEC”) utilizing a “shelf” registration process. Under this shelf registration process, we may sell the common shares described in this prospectus in one or more offerings. The specific terms of the common shares to be offered in a particular offering will be set out in the applicable prospectus supplement and may include, where applicable, the number of common shares offered, the issue price, if any, and any other terms specific to the common shares being offered.

Please carefully read both this prospectus and any prospectus supplement, together with the documents incorporated by reference into this prospectus and any applicable prospectus supplement, and the additional information described below under “Where You Can Find Additional Information.”

You should rely only on the information contained in or incorporated by reference into this prospectus and any prospectus supplement. We have not authorized anyone to provide you with different information. The distribution or possession of this prospectus in or from certain jurisdictions may be restricted by law. This prospectus is not an offer to sell any common shares and is not soliciting an offer to buy common shares in any jurisdiction where the offer or sale is not permitted or where the person making the offer or sale is not qualified to do so or to any person to whom it is not permitted to make such offer or sale. The information contained in this prospectus is accurate only as of the date of this prospectus and any information incorporated by reference into this prospectus is accurate only as of the date of the applicable document incorporated by reference, regardless of the time of delivery of this prospectus or of any sale of the common shares. Our business, financial condition, results of operations and prospects may have changed since that date.

As used in this prospectus and in any prospectus supplement, unless the context otherwise requires, the terms “XBiotech,” the “Company,” “we,” “us,” and “our” refer to XBiotech Inc., and, unless the context requires otherwise, the subsidiaries through which it conducts business.

## PROSPECTUS SUMMARY

*This summary does not contain all the information about us that may be important to you. Please carefully read both this prospectus and any prospectus supplement together with the additional information contained in or incorporated by reference into this prospectus and any prospectus supplement.*

### Overview

XBiotech Inc. is a clinical-stage biopharmaceutical company engaged in discovering and developing True Human™ monoclonal antibodies for treating a variety of different diseases. True Human™ monoclonal antibodies are those which occur naturally in human beings—as opposed to being derived from animal immunization technologies or otherwise engineered. We believe that naturally occurring monoclonal antibodies have the potential to be safer and more effective than their non-naturally occurring counterparts. While primarily focused on bringing our lead product candidate, Xilonix™, to market, we have also developed a proprietary True Human™ monoclonal antibody discovery platform and manufacturing system.

### Corporate Information

XBiotech Inc. (XBiotech or the Company) was incorporated in Canada on March 22, 2005. XBiotech USA Inc., a wholly-owned subsidiary of the Company, was incorporated in Delaware, United States in November 2007. XBiotech Schweiz AG, a wholly-owned subsidiary of the Company, was incorporated in Zug, Switzerland in August 2010. XBiotech Japan KK, a wholly-owned subsidiary of the Company, was incorporated in Tokyo, Japan in March 2013. XBiotech GmbH, a wholly-owned subsidiary of the Company, was incorporated in Germany in January 2014.

The Company's headquarters are located in Austin, Texas.

### Implications of Being an Emerging Growth Company

As a company with less than \$1.0 billion in revenues during our last fiscal year, we qualify as an “emerging growth company” as defined in the Jumpstart Our Business Startups Act of 2012, or the JOBS Act. An emerging growth company may take advantage of specified reduced reporting requirements that are otherwise applicable generally to public companies. These provisions include:

- A requirement to have only two years of audited financial statements and only two years of related Management's Discussion and Analysis of Financial Condition and Results of Operations;
- An exemption from compliance with the auditor attestation requirement on the effectiveness of our internal controls over financial reporting;
- An exemption from compliance with any requirement that the Public Company Accounting Oversight Board may adopt regarding mandatory audit firm rotation or a supplement to the auditor's report providing additional information about the audit and the financial statements;
- Reduced disclosure about our executive compensation arrangements; and
- Exemptions from the requirements to obtain a non-binding advisory vote on executive compensation or a shareholder approval of any golden parachute arrangements.

Under the JOBS Act, we will remain an “emerging growth company” until the earliest of: (a) the last day of the fiscal year during which we have total annual gross revenue of \$1.0 billion or more; (b) the last day of the fiscal year following the fifth anniversary of the effective date of the registration statement of which this prospectus forms a part; (c) the date on which we have, during the previous three-year period, issued more than \$1.0 billion in non-convertible debt; or (d) the date on which we are deemed to be a “large accelerated filer” under the Exchange Act (we will qualify as a large accelerated filer as of the first day of the first fiscal year after we have (i) more than \$700 million in outstanding common equity held by our non-affiliates and (ii) been public for at least 12 months; the value of our outstanding common equity will be measured each year on the last day of our second fiscal quarter).

We may choose to take advantage of some of the available benefits under the JOBS Act, and have taken advantage of some reduced reporting requirements in this prospectus. Accordingly, the information contained herein may be different from the information contained in prospectuses from other United States public companies.

## RISK FACTORS

An investment in our common shares involves a significant degree of risk. You should carefully consider the risk factors and all of the other information included in this prospectus, any prospectus supplement and the documents we have incorporated by reference into this prospectus and any prospectus supplement, including those in Item 1A “Risk Factors” in our Annual Report on Form 10-K for the fiscal year ended December 31, 2015, as updated by annual, quarterly and other reports and documents we file with the SEC after the date of this prospectus and that are incorporated by reference into this prospectus, in evaluating an investment in our common shares. If any of these risks were actually to occur, our business, financial condition or results of operations could be materially adversely affected. When we offer and sell any common shares pursuant to a prospectus supplement, we may include in the applicable prospectus supplement additional risk factors relevant to those common shares.

### CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference herein contain forward-looking statements that involve substantial risks and uncertainties. All statements, other than statements of historical facts, included in this prospectus, including, without limitation, statements regarding the assumptions we make about our business and economic model, our dividend policy, business strategy and other plans and objectives for our future operations, are forward-looking statements.

These forward-looking statements include declarations regarding our management’s beliefs and current expectations. In some cases, you can identify forward-looking statements by terminology such as “may,” “will,” “should,” “would,” “could,” “expects,” “plans,” “contemplate,” “anticipates,” “believes,” “estimates,” “predicts,” “projects,” “intend” or “continue” or the negative of such terms or other comparable terminology, although not all forward-looking statements contain these identifying words. Forward-looking statements are subject to inherent risks and uncertainties in predicting future results and conditions that could cause the actual results to differ materially from those projected in these forward-looking statements. Some, but not all, of the forward-looking statements contained in this prospectus and the documents incorporated by reference herein include, among other things, statements about the following:

- our ability to obtain regulatory approval to market and sell Xilonix™ in the United States, Europe and elsewhere;
- the initiation, timing, cost, progress and success of our research and development programs, preclinical studies and clinical trials for Xilonix™ and other product candidates;
- our ability to advance product candidates into, and successfully complete, clinical trials;
- our ability to successfully commercialize the sale of Xilonix™ in the United States, Europe and elsewhere;
- our ability to recruit sufficient numbers of patients for our future clinical trials for our pharmaceutical products;
- our ability to achieve profitability;
- our ability to obtain funding for our operations, including research funding;
- our ability to identify additional new products using our True Human™ antibody discovery platform;
- the implementation of our business model and strategic plans;
- our ability to develop and commercialize product candidates for orphan and niche indications independently;
- our commercialization, marketing and manufacturing capabilities and strategy;
- our ability to protect our intellectual property and operate our business without infringing upon the intellectual property rights of others;
- our expectations regarding federal, state and foreign regulatory requirements;

- the therapeutic benefits, effectiveness and safety of our product candidates;
- the accuracy of our estimates of the size and characteristics of the markets that may be addressed by our products and product candidates;
- the rate and degree of market acceptance and clinical utility of Xilonix™ and future products, if any;
- the timing of and our collaborators' ability to obtain and maintain regulatory approvals for our product candidates;
- our expectations regarding market risk, including interest rate changes and foreign currency fluctuations;
- our belief in the sufficiency of our cash flows to meet our needs for at least the next 12 to 24 months;
- our expectations regarding the timing during which we will be an emerging growth company under the JOBS Act;
- our ability to engage and retain the employees required to grow our business;
- our future financial performance and projected expenditures;
- developments relating to our competitors and our industry, including the success of competing therapies that are or become available; and
- estimates of our expenses, future revenue, capital requirements and our needs for additional financing.

You should also read the matters described in the "Risk Factors" and the other cautionary statements made in this prospectus and the documents incorporated by reference herein as being applicable to all related forward-looking statements wherever they appear in this prospectus and the documents incorporated by reference herein. We cannot assure you that the forward-looking statements in this prospectus and the documents incorporated by reference herein will prove to be accurate and therefore you are encouraged not to place undue reliance on forward-looking statements. You should read this prospectus and the documents incorporated by reference herein completely.

#### **USE OF PROCEEDS**

Unless otherwise specified in a prospectus supplement, the net proceeds that we receive from the sale of our common shares will be used for working capital and general corporate purposes, including, but not limited to, progressing our research and development programs, supporting our clinical programs and manufacturing activities.

More specific allocations may be included in a prospectus supplement relating to a specific offering of common shares. All expenses relating to an offering of common shares and any compensation paid to underwriters, dealers or agents, as the case may be, will be paid out of our general funds, unless otherwise stated in the applicable prospectus supplement.

#### **DESCRIPTION OF SHARE CAPITAL, COMMON SHARES AND RELATED INFORMATION**

##### **Authorized and Outstanding Stock**

Our authorized share capital as described in our articles consists of an unlimited number of common shares and preferred shares without par value.

As of June 30, 2016, 32,428,676 shares of the registrant's common shares were outstanding.

##### **Voting Rights**

Holders of common shares are entitled to one vote in respect of each common share held at any meeting of the Company. Except as otherwise provided with respect to any particular series of preferred shares and except as otherwise required by law, the registered holders of preferred shares shall not be entitled as a class to receive notice of or to attend to vote at any meetings of the Company.



Under our articles, the holders of our common shares will be entitled to one vote for each common share held on all matters submitted to a vote of the shareholders, including the election of directors. Our articles do not provide for cumulative voting rights. Because of this, the holders of a plurality of our common shares entitled to vote in any election of directors can elect all of the directors standing for election, if they should so choose.

## **Dividends**

Subject to the BCBCA, and subject to the prior rights of any holders of preferred shares, the holders of the common shares in the absolute discretion of the directors, shall be entitled to receive, and the Company shall pay thereon, out of moneys of the Company properly applicable to the payment of dividends, when declared by the directors, only such dividends as may be declared from time to time in respect of the common shares. The preferred shares are entitled to preference over the common shares with respect to the payment of dividends. We have not paid any dividends since our incorporation. At the discretion of our board of directors, we will consider paying dividends in future as our operational circumstances may permit having regard to, among other things, our earnings, cash flow and financial requirements.

## **Liquidation Rights**

Subject to the prior payment to the holders of the preferred shares described below, in the event of the liquidation, dissolution or winding-up of the Company or other distribution of the assets of the Company among its shareholders, the holders of the shares of our common shares shall be entitled to share pro rata in the distribution of the balance of the assets. The preferred shares shall be entitled to a preference over the common shares with respect to the distribution of assets of the Company, whether voluntary or involuntary, or in the event of any other distribution of assets of the Company among its shareholders for the purpose of winding up its affairs; and the preferred stock may be given such other preference not inconsistent with our articles.

## **Corporate Governance**

Under the BCBCA, we are required to hold a general meeting of our shareholders at least once every year, provided that the meeting must not be held later than 15 months after the preceding annual general meeting. Under our articles, the location of the shareholders meeting shall be anywhere in North America, as determined by the directors. Subject to limited exceptions under the BCBCA, a notice specifying the date, time and location of a shareholders meeting must be sent to each shareholder entitled to attend the meeting and to each director not less than 21 days prior to the meeting and not more than 2 months before the meeting.

Under our articles, all business transacted at a special meeting of shareholders that is not an annual general meeting, except business relating to the conduct of or voting at the meeting, is deemed to be special business. At an annual general meeting, all business is special business except for the following: (a) business relating to the conduct of or voting at the meeting; (b) consideration of any financial statements of Xbiotech presented to the meeting; (c) consideration of any reports of the directors or auditor; (d) the setting or changing of the number of directors; (e) the election or appointment of directors; (f) the appointment of an auditor; (g) the setting of the remuneration of an auditor; (h) business arising out of a report of the directors not requiring the passing of a special resolution or an exceptional resolution; and (i) any other business which, under our articles or the BCBCA, may be transacted at a meeting of shareholders without prior notice of the business being given to the shareholders.

Notice of a meeting of shareholders at which special business is to be transacted must:

- (a) state the general nature of the special business; and
- (b) if the special business includes considering, approving, ratifying, adopting or authorizing any document or the signing of or giving of effect to any document, have attached to it a copy of the document or state that a copy of the document will be available for inspection by shareholders:
  - (i) at the meeting; or
  - (ii) at the Company's records office, or at such other reasonably accessible location in British Columbia as is specified in the notice, during statutory business hours on any one or more specified days before the day set for the holding of the meeting.

Under our articles, our board of directors has the power at any time to call a meeting of our shareholders. In addition, subject to the requirements of the BCBCA, the holders of not less than 5% of our shares that carry the right to vote at a meeting sought to be held can also requisition our board of directors to call a meeting of our shareholders for the purposes stated in the requisition. If our board of directors does not call the meeting within 21 days after receiving the requisition, our shareholders can call the meeting and the expenses reasonably incurred by such shareholders in requisitioning, calling and holding the meeting must be reimbursed by us, unless otherwise resolved by a majority of shareholders at the meeting.

Those entitled to vote at a meeting are entitled to attend meetings of our shareholders. Every shareholder entitled to vote may appoint a proxyholder to attend the meeting in the manner and to the extent authorized and with the authority conferred by the proxy. Directors, auditors, legal counsels, secretary (if any), and any other persons invited by the chair of the meeting or with the consent of those at the meeting are entitled to attend any meeting of our shareholders but will not be counted in quorum or be entitled to vote at the meeting unless he or she or it is a shareholder or proxyholder entitled to vote at the meeting.

### **Certain Takeover Bid Requirements**

Unless such offer constitutes an exempt transaction, an offer made by a person, an “offeror”, to acquire outstanding shares of a Canadian entity that, when aggregated with the offeror’s holdings (and those of persons or companies acting jointly with the offeror), would constitute 20% or more of the outstanding shares in a class, would be subject to the take-over provisions of Canadian securities laws. The foregoing is a limited and general summary of certain aspects of applicable securities law in the provinces and territories of Canada, all in effect as of the date hereof.

In addition to those takeover bid requirements noted above, the acquisition of our shares may trigger the application of statutory regimes including among others, the Investment Canada Act (Canada) and the Competition Act (Canada).

Limitations on the ability to acquire and hold our common shares may be imposed by the Competition Act (Canada). This legislation permits the Commissioner of Competition, or the Commissioner, to review any acquisition of control over or of a significant interest in us. This legislation grants the Commissioner jurisdiction, for up to one year, after any such acquisition, to challenge this type of acquisition before the Canadian Competition Tribunal on the basis that it would, or would be likely to, substantially prevent or lessen competition in any market in Canada.

This legislation also requires any person who intends to acquire our common shares to file a pre-closing notification with the Canadian Competition Bureau if certain financial thresholds are exceeded and if that person (and their affiliates) would hold more than 20% of our common shares. If a person (and its affiliates) already owns 20% or more of our common shares, a notification must be filed when the acquisition of additional shares would bring that person’s holdings to over 50%. Where a notification is required, the legislation prohibits completion of the acquisition until the expiration of a statutory waiting period, unless the Commissioner provides written notice that she does not intend to challenge the acquisition.

The Investment Canada Act requires any person that is a “non-Canadian” (as defined in the Investment Canada Act) who acquires control of an existing Canadian business, where the acquisition of control is not a reviewable transaction, to file a notification with Industry Canada. The Investment Canada Act generally prohibits the implementation of a reviewable transaction unless, after review, the relevant minister is satisfied that the investment is likely to be of net benefit to Canada. Under the Investment Canada Act, the acquisition of control of us (either through the acquisition of our common shares or all or substantially all our assets) by a non-Canadian who is a World Trade Organization member country investor, including a US investor, would be reviewable only if our enterprise value was equal to or greater than a specified amount. Currently, the specified amount for is CAD\$600 million, but will eventually increase to CAD\$1.0 billion. We believe that we are not a cultural business for Investment Canada Act purposes and that the lower threshold for reviews of acquisitions of such businesses does not apply. The threshold amount is subject to an annual adjustment on the basis of a prescribed formula in the Investment Canada Act to reflect changes in Canadian gross domestic product.

The acquisition of a majority of the voting interests of an entity is deemed to be acquisition of control of that entity. The acquisition of less than a majority but one-third or more of the voting shares of a corporation or an equivalent undivided ownership interest in the voting shares of a corporation is presumed to be an acquisition of control of that corporation unless it can be established that, on the acquisition, the corporation is not controlled in fact by the acquirer through the ownership of voting shares. The acquisition of less than one-third of the voting shares of a corporation is deemed not to be an acquisition of control of that corporation.

Under the new national security regime in the Investment Canada Act, review on a discretionary basis may also be undertaken by the federal government in respect of a much broader range of investments by a non-Canadian to “acquire, in whole or in part, or to establish an entity carrying on all or any part of its operations in Canada.” The relevant test is whether such an investment by a non-Canadian could be “injurious to national security.” The Minister of Industry has broad discretion to determine whether an investor is a non-Canadian and may be subject to national security review. Review on national security grounds is at the discretion of the federal government and may occur on a pre- or post-closing basis, subject to certain limitation provisions. The government has the power in a national security review to direct that the investment not be implemented, to direct that the investor provide undertakings or the investor implement the investment on prescribed terms or conditions and to order the investor to divest itself of the investment.

There is no law, governmental decree or regulation in Canada that restricts the export or import of capital or which would affect the remittance of dividends or other payments by us to non-Canadian holders of our common shares or preferred shares, other than withholding tax requirements.

Our articles do not contain any change of control limitations with respect to a merger, acquisition or corporate restructuring that involves us.

This summary is not a comprehensive description of relevant or applicable considerations regarding such requirements and, accordingly, is not intended to be, and should not be interpreted as, legal advice to any prospective purchaser and no representation with respect to such requirements to any prospective purchaser is made. Prospective investors should consult their own Canadian legal advisors with respect to any questions regarding securities law in the provinces and territories of Canada.

### **Actions Requiring a Special Majority**

Under the BCBCA and our articles, certain corporate actions require the approval of a special majority of shareholders, meaning holders of shares representing not less than 66  $\frac{2}{3}$ % of those votes cast in respect of a shareholder vote addressing such matter. Subject to the BCBCA, those items requiring the approval of a special majority generally relate to fundamental changes with respect to our business, and include among others, resolutions: (i) to alter its articles or authorized share structure; (ii) to remove a director before the expiry of his or her term; and (iii) to provide for a sale, lease or exchange of all or substantially all of the Company's property.

### **Shareholder Proposals**

Under the BCBCA, shareholders may make proposals for matters to be considered at the annual general meeting of shareholders. Such proposals must be sent to us in advance of any proposed meeting by delivering a timely written notice in proper form to our registered office in accordance with the requirements of the BCBCA. The notice must include information on the business the shareholder intends to bring before the meeting.

### **Advance Notice Provisions**

Our articles contain provisions (the "Advance Notice Provisions") which provide that advance notice to the Company must be made and the procedures set out in the articles must be followed for persons to be eligible for election to the our board of directors. Nomination of persons for election to the board of directors may only be made at an annual meeting of shareholders or at a special meeting of shareholders called for any purpose which includes the election of directors.

Among other things, the Advance Notice Provisions fix a deadline by which holders of record of common shares must submit director nominations to us prior to any annual or special meeting of shareholders and set forth the specific information that a shareholder must include in the written notice to the Company for an effective nomination to occur. No person will be eligible for election as a director of the Company unless nominated in accordance with the provisions of the Advance Notice Provisions.

In the case of an annual meeting of shareholders, notice to us must be made not less than 30 or more than 65 days prior to the date of the annual meeting; provided, however, that if the annual meeting is to be held on a date that is less than 50 days after the date on which the first public announcement of the date of the annual meeting was made, notice may be made not later than the close of business on the 10th day following such public announcement. In the case of a special meeting of shareholders (which is not also an annual meeting), notice to us must be made not later than the close of business on the 15th day following the day on which the first public announcement of the date of the special meeting was made.

The board of directors may, in its sole discretion, waive any requirement of the Advance Notice Provisions.

## Transfer Agent and Registrar

The Transfer Agent and Registrar for shares of our common shares is American Stock Transfer & Trust Company, LLC . (“AST”). The address for AST is 6201 15<sup>th</sup> Avenue, Brooklyn, New York 11219 and its telephone number is (718) 921-8206.

### PLAN OF DISTRIBUTION

We may sell common shares in one or more of the following ways from time to time:

- to or through underwriters or dealers;
- by ourself directly;
- through agents; or
- through a combination of any of these methods of sale.

A prospectus supplement relating to an offering of common shares will set forth the terms of such offering, including:

- the name or names of any underwriters, dealers or agents;
- the purchase price of the common shares (or the manner of determination of the purchase price if offered on a non-fixed price basis) and the proceeds to us from the sale;
- any underwriting discounts and commissions or agency fees and other items constituting underwriters’ or agents’ compensation; and
- any initial public offering price, any discounts or concessions allowed or reallocated or paid to dealers, and any securities exchanges on which such offered securities may be listed.

Any initial public offering prices, discounts or concessions allowed or reallocated or paid to dealers may be changed from time to time.

If underwriters are used in the sale, the underwriters may acquire the common shares for their own account and may resell them from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. The common shares may be offered either to the public through underwriting syndicates represented by one or more managing underwriters or by one or more underwriters without a syndicate. Unless otherwise set forth in a prospectus supplement, any obligation of the underwriters to purchase any common shares will be subject to certain conditions precedent and the underwriters will be obligated to purchase all of such common shares if any are purchased.

In connection with underwritten offerings of the common shares and in accordance with applicable law and industry practice, underwriters may over-allot or effect transactions that stabilize, maintain or otherwise affect the market price of the common shares at levels above those that might otherwise prevail in the open market, including by entering stabilizing bids, effecting syndicate covering transactions or imposing penalty bids, each of which is described below.

A stabilizing bid means the placing of any bid, or the effecting of any purchase, for the purpose of pegging, fixing or maintaining the price of a security.

A syndicate covering transaction means the placing of any bid on behalf of the underwriting syndicate or the effecting of any purchase to reduce a short position created in connection with the offering.

A penalty bid means an arrangement that permits the managing underwriter to reclaim a selling concession from a syndicate member in connection with the offering when common shares originally sold by the syndicate member are purchased in syndicate covering transactions.

These transactions may be effected on the Nasdaq Global Select Market, in the over-the-counter market or otherwise. Underwriters are not required to engage in any of these activities, or to continue such activities if commenced.

If a dealer is used in the sale, we may sell such common shares to the dealer, as principal. The dealer may then resell the common shares to the public at varying prices to be determined by that dealer at the time for resale. The names of the dealers and the terms of the transaction will be set forth in the prospectus supplement relating to that transaction.

Common shares may be sold directly by us to one or more institutional purchasers, or through agents designated by us, from time to time, at a fixed price or prices, which may be changed, or at varying prices determined at the time of sale. Any agent involved in the offer or sale of the common shares in respect of which this prospectus is delivered will be named, and any commissions payable by us to such agent will be set forth, in the prospectus supplement relating to that offering. Unless otherwise indicated in such prospectus supplement, any such agent will be acting on a best efforts basis for the period of its appointment.

Underwriters, dealers and agents may be entitled under agreements entered into with us to indemnification by us against certain civil liabilities, including liabilities under the Securities Act, or to contribution with respect to payments that the underwriters, dealers or agents may be required to make in respect thereof. Underwriters, dealers, and agents may be customers of, engage in transactions with, or perform services for us and our affiliates from time to time in the ordinary course of business.

Under the securities laws of some states, the securities offered by this prospectus may be sold in those states only through registered or licensed brokers or dealers.

Any person participating in the distribution of common stock registered under the registration statement that includes this prospectus will be subject to applicable provisions of the Exchange Act, and applicable SEC rules and regulations, including, among others, Regulation M, which may limit the timing of purchases and sales of any of our common stock by any such person. Furthermore, Regulation M may restrict the ability of any person engaged in the distribution of our common stock to engage in market-making activities with respect to our common stock. These restrictions may affect the marketability of our common stock and the ability of any person or entity to engage in market-making activities with respect to our common stock.

Any common shares sold pursuant to a prospectus supplement will be listed on the Nasdaq Global Select Market, subject to official notice of issuance. Any underwriters to whom we sell common shares for public offering and sale may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. We cannot assure you that there will be a market for the common shares.

#### **MATERIAL INCOME TAX CONSIDERATIONS**

The applicable prospectus supplement may describe material U.S. federal income tax consequences of the acquisition, ownership and disposition of any of the common shares by an investor who is subject to U.S. federal taxation.

The applicable prospectus supplement may also describe material Canadian federal income tax considerations generally applicable to investors described therein of purchasing, holding and disposing of common shares, including, in the case of an investor who is not a resident of Canada, Canadian non-resident withholding tax considerations.

You should read the tax discussion in any prospectus supplement with respect to a particular offering and consult your own tax advisors with respect to the specific tax consequences of the acquisition, ownership and disposition of the common shares offered by such prospectus supplement, including the applicability and effect of state, local and non-U.S. or Canadian tax laws, as well as U.S. and Canadian federal tax laws.

#### **LEGAL MATTERS**

Unless otherwise indicated in the applicable prospectus supplement, the validity of the common shares offered hereby will be passed upon for us by by Stikeman Elliott LLP, Vancouver, British Columbia. Certain legal matters in connection with securities being offered hereby will be passed upon by counsel for any underwriters, dealers or agents as may be specified in the applicable prospectus supplement.

## EXPERTS

Ernst & Young LLP, independent registered public accounting firm, has audited our consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2015, as set forth in their report, which is incorporated by reference in this prospectus and elsewhere in the registration statement. Our financial statements are incorporated by reference in reliance on Ernst & Young LLP's report, given on their authority as experts in accounting and auditing.

## WHERE YOU CAN FIND ADDITIONAL INFORMATION

We file reports and proxy statements with the SEC. These filings include our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and proxy statements on Schedule 14A, as well as any amendments to those reports and proxy statements, and are available free of charge through our website as soon as reasonably practicable after we file them with, or furnish them to, the SEC. Once at [www.xbiotech.com](http://www.xbiotech.com), go to Investors & News/SEC Filings to locate copies of such reports and proxy statements. Our website and the information contained on, or that can be accessed through, the website will not be deemed to be incorporated by reference in, and are not considered part of, this prospectus. You should not rely on any such information in making your decision whether to purchase our common stock. You may also read and copy materials that we file with SEC at the SEC's Public Reference Room at 100 F Street, NE, Washington, DC 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC also maintains a website at [www.sec.gov](http://www.sec.gov) that contains reports, proxy and information statements and other information regarding us and other issuers that file electronically with the SEC.

## DOCUMENTS INCORPORATED BY REFERENCE

The SEC allows us to "incorporate by reference" information we file with the SEC. This means that we can disclose important information to you by referring you to those documents.

We incorporate by reference the documents listed below:

- (a) our Annual Report on Form 10-K for the year ended December 31, 2015, filed with the SEC on March 30, 2016, as amended that certain Form 10-K/A, filed with the SEC on April 15, 2016 ;
- (b) our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2016 and June 30, 2016, filed with the SEC on May 13, 2016 and August 12, 2016, respectively;
- (c) our Current Reports on Form 8-K filed with the SEC on January 8, 2016, May 3, 2016, May 24, 2016 and June 21, 2016;
- (d) the portions of our Definitive Proxy Statement on Schedule 14A filed with the SEC on April 29, 2015 that are incorporated by reference into our Annual Report on Form 10-K for the fiscal year ended December 31, 2015.
- (e) the description of our common shares contained in our registration statement on Form 8-A Form filed with the SEC on April 14, 2015 (File No. 001-37347) including any amendment or report filed for purposes of updating such description.

In addition, all documents filed by us under Sections 13(a), 13(a), 14 or 15(d) of the Exchange Act of 1934, as amended (the "Exchange Act") (excluding, unless otherwise provided in this prospectus or in the applicable document, documents not deemed "filed" with the SEC and information furnished pursuant to Item 2.02 and Item 7.01 on any Current Report on Form 8-K or certain exhibits furnished pursuant to Item 9.01 of Form 8-K), after the date of this prospectus but before the termination of the offering of the common shares covered by this prospectus, are hereby incorporated by reference herein. We have not authorized anyone to provide you with any different or additional information other than that contained in or incorporated by reference into this prospectus. We take no responsibility for, and can provide no assurance as to the reliability of, any information that others may provide.

Any statement contained in a document incorporated or deemed to be incorporated by reference into this prospectus will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus or any other subsequently filed document that is deemed to be incorporated by reference into this prospectus modifies or supersedes the statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

The documents incorporated by reference into this prospectus are available from us upon request. We will provide a copy of any and all of the information that is incorporated by reference into this prospectus to any person, including a beneficial owner, to whom a prospectus is delivered, without charge, upon written or oral request.

Requests for any of these documents should be directed to:

Investor Relations  
XBiotech Inc.  
8201 E. Riverside Dr., Building 4, Suite 100  
Austin, Texas.  
(512) 386-2900

**PART II**  
**INFORMATION NOT REQUIRED IN THE PROSPECTUS**

**Item 14. Other Expenses of Issuance and Distribution**

The following table sets forth the various expenses to be incurred in connection with the sale and distribution of the common shares, all of which will be borne by the Company.

SEC Registration fee	\$	10,376.13
Listing Fees and Expenses	\$ *	
Accounting Fees and Expenses	\$ *	
Legal Fees and Expenses	\$ *	
Printing Fees and Expenses	\$ *	
Other	\$ *	
<b>Total Expenses</b>	<b>\$ *</b>	

\* These fees and expenses are calculated based on the securities offered and the number of issuances and accordingly, cannot be estimated at this time. An estimate of the aggregate amount of these expenses will be reflected in the applicable prospectus supplement.

**Item 15. Indemnification of Directors and Officers.**

The Registrant is subject to the provisions of Part 5, Division 5 of the Business Corporations Act (British Columbia) (BCBCA).

Under Section 160 of the BCBCA, the Registrant may, subject to Section 163 of the BCBCA:

(1) indemnify an individual who:

- is or was a director or officer of the Registrant;
- is or was a director or officer of another corporation (i) at a time when such corporation is or was an affiliate of the Registrant; or (ii) at the Registrant's request, or
- at the Registrant's request, is or was, or holds or held a position equivalent to that of, a director or officer of a partnership, trust, joint venture or other unincorporated entity, and including, subject to certain limited exceptions, the heirs and personal or other legal representatives of that individual (collectively, an "eligible party"), against all eligible penalties to which the eligible party is or may be liable; and

(2) after final disposition of an eligible proceeding, pay the expenses actually and reasonably incurred by an eligible party in respect of that proceeding, where:

"eligible penalty" means a judgment, penalty or fine awarded or imposed in, or an amount paid in settlement of, and eligible proceeding.



“eligible proceeding” means a proceeding in which an eligible party or any of the heirs and personal or other legal representatives of the eligible party, by reason of the eligible party being or having been a director or officer of, or holding or having held a position equivalent to that of a director or officer of, the Registrant or an associated corporation (i) is or may be joined as a party, or (ii) is or may be liable for or in respect of a judgment, penalty or fine in, or expenses related to, the proceeding.

“proceeding” includes any legal proceeding or investigative action, whether current, threatened, pending or completed.

Under Section 161 of the BCBCA, and subject to Section 163 of the BCBCA, the Registrant must, after the final disposition of an eligible proceeding, pay the expenses actually and reasonably incurred by an eligible party in respect of that proceeding if the eligible party (i) has not been reimbursed for those expenses, and (ii) is wholly successful, on the merits or otherwise, in the outcome of the proceeding or is substantially successful on the merits in the outcome of the proceeding.

Under Section 162 of the BCBCA, and subject to Section 163 of the BCBCA, the Registrant may pay, as they are incurred in advance of the final disposition of an eligible proceeding, the expenses actually and reasonably incurred by an eligible party in respect of the proceeding, provided that the Registrant must not make such payments unless the Registrant first receives from the eligible party a written undertaking that, if it is ultimately determined that the payment of expenses is prohibited under Section 163 of the BCBCA, the eligible party will repay the amounts advanced.

Under Section 163 of the BCBCA, the Registrant must not indemnify an eligible party against eligible penalties to which the eligible party is or may be liable or pay the expenses of an eligible party in respect of that proceeding under Sections 160, 161 or 162 of the BCBCA, as the case may be, if any of the following circumstances apply:

- if the indemnity or payment is made under an earlier agreement to indemnify or pay expenses and, at the time that the agreement to indemnify or pay expenses was made, the Registrant was prohibited from giving the indemnity or paying the expenses by the Registrant’s memorandum or articles;
- if the indemnity or payment is made otherwise than under an earlier agreement to indemnify or pay expenses and, at the time that the indemnity or payment is made, the Registrant is prohibited from giving the indemnity or paying the expenses by the Registrant’s memorandum or articles;
- if, in relation to the subject matter of the eligible proceeding, the eligible party did not act honestly and in good faith with a view to the best interests of the Registrant or the associated corporation, as the case may be; or
- in the case of an eligible proceeding other than a civil proceeding, if the eligible party did not have reasonable grounds for believing that the eligible party’s conduct in respect of which the proceeding was brought was lawful.

If an eligible proceeding is brought against an eligible party by or on behalf of the Registrant or by or on behalf of an associated corporation, the Registrant must not either indemnify the eligible party against eligible penalties to which the eligible party is or may be liable, or pay the expenses of the eligible party under Sections 160, 161 or 162 of the BCBCA, as the case may be, in respect of the proceeding.

Under Section 164 of the BCBCA, and despite any other provision of Part 5, Division 5 of the BCBCA and whether or not payment of expenses or indemnification has been sought, authorized or declined under Part 5, Division 5 of the BCBCA, on application of the Registrant or an eligible party, the Supreme Court of British Columbia may do one or more of the following:

- order us to indemnify an eligible party against any liability incurred by the eligible party in respect of an eligible proceeding;
- order us to pay some or all of the expenses incurred by an eligible party in respect of an eligible proceeding;
- order the enforcement of, or payment under, an agreement of indemnification entered into by us;
- order us to pay some or all of the expenses actually and reasonably incurred by any person in obtaining an order under Section 164 of the BCBCA; or
- make any other order the court considers appropriate.

Section 165 of the BCBCA provides that the Registrant may purchase and maintain insurance for the benefit of an eligible party or the heirs and personal or other legal representatives of the eligible party against any liability that may be incurred by reason of the eligible party being or having been a director or officer of, or holding or having held a position equivalent to that of a director or officer of, the Registrant or an associated corporation.

Under the Registrant's articles, and subject to the BCBCA, the Registrant must indemnify an eligible party and his or her heirs and legal personal representatives against all eligible penalties to which such person is or may be liable, and the Registrant must, after the final disposition of an eligible proceeding, pay the expenses actually and reasonably incurred by such person in respect of that proceeding. Each eligible party is deemed to have contracted with the Registrant on the terms of the indemnity contained in the Registrant's articles.

Under the Registrant's articles, and subject to the BCBCA, the Registrant may agree to indemnify and may indemnify any person (including an eligible party) against eligible penalties and pay expenses incurred in connection with the performance of services by that person for us.

Under the Registrant's articles, and subject to the BCBCA, the Registrant may advance expenses to an eligible party.

Pursuant to the Registrant's articles, the failure of an eligible party to comply with the BCBCA or the Registrant's articles does not, of itself, invalidate any indemnity to which he or she is entitled under the Registrant's articles.

Under the Registrant's articles, the Registrant may purchase and maintain insurance for the benefit of an eligible person (or his or her heirs or legal personal representatives) against any liability incurred by him or her as a director, officer or person who holds or held such equivalent position.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling us pursuant to the foregoing provisions, we have been informed that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act, and is therefore unenforceable.

#### **Item 16. Exhibits**

See the Exhibit Index immediately following the signature page of this registration statement, which is hereby incorporated herein by reference.

#### **Item 17. Undertakings**

The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) to include any prospectus required by Section 10(a)(3) of the Securities Act of 1933, as amended (the "Securities Act");

(ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in the volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

*provided, however,* that paragraphs (1)(i), (1)(ii) and (1)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act, that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at the time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act to any purchaser:

(i) each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities:

The undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) the portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

The undersigned registrant undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the indemnification provisions described herein, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

The undersigned registrant hereby undertakes that:

(1) For purposes of determining any liability under the Securities Act, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the Registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective.

(2) For the purpose of determining any liability under the Securities Act, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on this Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized in the City of Austin, State of Texas, on August 19, 2016.

**XBIOTECH INC.,**

/S/ JOHN SIMARD

John Simard  
President and Chief Executive Officer  
(Principal Executive Officer)

## POWER OF ATTORNEY

*KNOW ALL PERSONS BY THESE PRESENTS*, that each person whose signature appears below hereby constitutes and appoints John Simard, as his true and lawful attorney-in-fact and agent with full power of substitution, for him in any and all capacities, to sign any and all amendments to this registration statement (including post-effective amendments or any abbreviated registration statement and any amendments thereto filed pursuant to Rule 462(b) under the Securities Act of 1933 increasing the number of securities for which registration is sought), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact, proxy and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully for all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorney-in-fact, proxy and agent, or his substitute, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

### Signature and Title

### Date

/S/ JOHN SIMARD

August 19, 2016

John Simard, Chief Executive Officer (Principal Executive Officer) and Director

/S/ QUEENA HAN

August 19, 2016

Vice President, Finance and Human Resources, and Secretary (Principal Financial Officer and Principal Accounting Officer)

/S/ FABRIZIO BONANNI

August 19, 2016

Fabrizio Bonanni, Director

/S/ W. THORPE MCKENZIE

August 19, 2016

W. Thorpe McKenzie, Director

/S/ DANIEL VASELLA

August 19, 2016

Daniel Vasella, Director

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## EXHIBIT INDEX

<b>Exhibit Number</b>	<b>Description of Document</b>
1.1*	Form of Underwriting Agreement
3.1	Certificate of Continuation dated September 23, 2005, issued by the Registrar of Companies, Province of British Columbia, Canada (incorporated by reference to Exhibit 3.1 to the Company's Registration Statement on Form S-1 filed with the SEC on February 2, 2015)
3.2	Notice of Articles, dated December 8, 2005, issued by the Registrar of Companies, Province of British Columbia, Canada (incorporated by reference to Exhibit 3.2 to the Company's Registration Statement on Form S-1 filed with the SEC on February 2, 2015)
3.3	Articles of XBiotech Inc. (Unofficial Consolidation) (incorporated by reference to Exhibit 3.3 to the Company's Amendment No. 2 to Registration Statement on Form S-1 filed with the SEC on March 27, 2015)
5.1	Opinion of Stikeman Elliott LLP
23.1	Consent of Ernst & Young LLP, Independent Auditors
23.2	Consent of Stikeman Elliott LLP (contained in Exhibit 5.1 hereto)
24.1	Powers of Attorney (included on signature page to the registration statement)

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\* To be filed, if necessary, subsequent to the effectiveness of this registration statement by an amendment to this registration statement or incorporated by reference pursuant to a Current Report on Form 8-K in connection with this offering of securities, or where applicable, incorporated by reference from a subsequent filing.

**STIKEMAN ELLIOTT**

Stikeman Elliott LLP Barristers &amp; Solicitors

Suite 1700, Park Place, 666 Burrard Street, Vancouver, B.C., Canada V6C 2X8  
Tel: (604) 631-1300 Fax: (604) 681-1825 www.stikeman.com

August 19, 2016

XBiotech Inc. 8201 E. Riverside Drive Building 4, Suite 100 Austin, TX 78744 USA

Ladies and Gentlemen:

Re: XBiotech Inc. – Registration Statement on Form S-3

We have acted as Canadian counsel to XBiotech Inc. (the “Company”), a British Columbia company, in connection with the filing by the Company with the U.S. Securities and Exchange Commission (the “SEC”) of a registration statement on Form S-3 (the “Registration Statement”) relating to the registration pursuant to the United States Securities Act of 1933, as amended (the “Securities Act”), of up to 7,000,000 common shares without par value in the capital of the Company (the “Common Shares”), which may be issued and sold by the Company as contemplated in the Registration Statement.

This opinion is being delivered in connection with the Registration Statement, accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act.

For the purpose of giving this opinion we have examined, among other things, the Registration Statement and a certificate of an officer of the Company (the “Officer’s Certificate”) dated the date hereof with respect to certain factual matters. We have also considered such questions of law and examined such statutes, regulations, orders, certificates, records of corporate proceedings and other documents as we have considered necessary for the purpose of rendering this opinion.

In examining all documents and in providing our opinion below we have assumed that:

- (a) all individuals had the requisite legal capacity;
- (b) all signatures are genuine;
- (c) all documents submitted to us as originals are complete and authentic and all photostatic, certified, telecopied, notarial or other copies conform to the originals;
- (d) all facts set forth in the official public records, certificates and documents supplied by public officials or otherwise conveyed to us by public officials are complete, true and accurate as of the date hereof;
- (e) all facts set forth in the certificates supplied by the officers of the Company including, without limitation, the Officer’s Certificate are complete, true and accurate as of the date hereof; and
- (f) prior to the issuance and delivery of any Common Shares, the Company will receive the full consideration in respect of such Common Shares.

Our opinion below is expressed only with respect to the laws of the province of British Columbia and of the laws of Canada applicable therein in effect on the date of this opinion. We have no responsibility or obligation to: (i) update this opinion, (ii) take into account or inform the addressees or any other person of any changes in law, facts or other developments subsequent to this date that do or may affect the opinion we express, or (iii) advise the addressees or any other person of any other change in any matter addressed in this opinion.

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Based on and relying on the foregoing, we are of the opinion that when: (a) the issuance and sale of any Common Shares pursuant to the Registration Statement has been duly authorized by the board of directors of the Company, the Plan Shares; (b) the full consideration for the issuance fixed by the board of directors has been received by the Company; the Common Shares will be validly issued, fully paid and nonassessable.

We hereby consent to the filing of this opinion as Exhibit 5.1 to the Registration Statement. We also consent to the reference to our firm under the heading "Legal Matters" in the Registration Statement. In giving this consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the Rules and Regulations of the Commission.

Yours truly,

"Stikeman Elliott LLP"



## Consent of Independent Registered Public Accounting Firm

We consent to the reference to our firm under the caption "Experts" in the Registration Statement (Form S-3) and related Prospectus of XBiotech Inc. for the registration of 7,000,000 shares of its common stock and to the incorporation by reference therein of our report dated March 30, 2016, with respect to the consolidated financial statements of XBiotech Inc. included in its Annual Report (Form 10-K) for the year ended December 31, 2015, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP  
Austin, Texas  
August 18, 2016