

WisdomTree Trust
Form 497K
July 29, 2016

WisdomTree Japan Hedged Capital Goods Fund – DXJC (NYSE Arca)

Summary Prospectus – August 1, 2016

Before you invest in the Fund, as defined below, you may want to review the Fund’s prospectus and statement of additional information (“SAI”), which contain more information about the Fund and the risks of investing in the Fund. The Fund’s current prospectus and SAI are incorporated by reference into this summary prospectus. You can find the Fund’s prospectus and SAI, as well as other information about the Fund, online at www.wisdomtree.com/prospectus. You may also obtain this information at no charge by calling 1-866-909-9473 or by sending an e-mail request to getinfo@wisdomtree.com.

Investment Objective

The WisdomTree Japan Hedged Capital Goods Fund (the “Fund”) seeks to track the price and yield performance, before fees and expenses, of the WisdomTree Japan Hedged Capital Goods Index (the “Index”).

Fees and Expenses of the Fund

The following table describes the fees and expenses you may pay if you buy and hold shares of the Fund. The fees are expressed as a percentage of the Fund’s average net assets.

Shareholder Fees (fees paid directly from your investment)	None
Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.48%
Distribution and/or Service (12b-1) Fees	None
Other Expenses	0.00%
Total Annual Fund Operating Expenses	0.48%

Example

The following example is intended to help retail investors compare the cost of investing in the Fund with the cost of investing in other funds. It illustrates the hypothetical expenses that such investors would incur over various periods if they were to invest \$10,000 in the Fund for the time periods indicated and then redeem all of the shares at the end of those periods. This example assumes that the Fund provides a return of 5% a year and that operating expenses remain the same. This example does not include the brokerage commissions that retail investors may pay to buy and sell shares of the Fund. Although your actual costs may be higher or lower, based on these assumptions, your costs would be:

1 Year	3 Years	5 Years	10 Years
\$ 49	\$ 154	\$ 269	\$ 604

Portfolio Turnover

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when Fund shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Fund’s performance. During the most recent fiscal year, the Fund’s portfolio turnover rate was 13% of the average value of its portfolio, excluding the value of portfolio securities received or delivered as a result of in-kind creations or redemptions of the Fund’s capital shares.

Principal Investment Strategies of the Fund

The Fund employs a “passive management” – or indexing – investment approach designed to track the performance of the Index. The Fund generally uses a representative sampling strategy to achieve its investment

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objective, meaning it generally will invest in a sample of the securities in the Index whose risk, return and other characteristics resemble the risk, return and other characteristics of the Index as a whole. Under normal circumstances, at least 80% of the Fund's total assets (exclusive of collateral held from securities lending) will be invested in component securities of the Index and investments that have economic characteristics that are substantially identical to the economic characteristics of such component securities.

The Index is designed to provide exposure to Japanese capital goods companies as defined by WisdomTree Investments, Inc. ("WisdomTree Investments"), as Index provider, while at the same time neutralizing exposure to fluctuations of the value of the Japanese yen relative to the U.S. dollar. The Index was created by WisdomTree Investments utilizing a proprietary combination of sub-industry classifications from Standard & Poor's Global Industry Classification Standards ("S&P GICS") to determine membership for inclusion as a "capital goods" company in the Index. The following sub-industries, which are currently derived from either the consumer discretionary sector, industrials sector or materials sector as defined by S&P GICS, are included in the Index: aerospace and defense, automobiles, auto components, building products, specialty chemicals (paint companies), electrical components and equipment, heavy electrical equipment, machinery, steel, engineering and R&D services, and other building products. As of June 30, 2016, a significant portion of the Index is comprised of companies in the consumer discretionary and industrial sectors. The Index consists of companies incorporated in Japan that trade primarily on the Tokyo Stock Exchange. To be eligible for inclusion in the Index, a company must meet the following criteria: (i) float-adjusted market capitalization of at least \$500 million as of the annual Index screening date; (ii) average daily dollar trading volume of at least \$100,000 for three months preceding the annual Index screening date; and (iii) trading of at least either 250,000 shares per month or \$25 million notional for each of the six months preceding the annual Index screening date.

Securities are weighted by their float-adjusted market capitalization. "Float-adjusted" means that the share amounts used in calculating the Index reflect only shares available to investors. Shares held by control groups, public companies and government agencies are excluded. At the time of the Index's annual screening date, the maximum weight of any single security in the Index is capped at 10%; however, security weights may fluctuate above the specified cap in response to market conditions and/or the application of volume factor adjustments. The Index methodology applies a volume factor adjustment to reduce a component security's weight in the Index and reallocate the reduction in weight pro rata among the other securities if, as of the annual Index screening date, a component security no longer meets certain trading volume thresholds.

The Index "hedges" against fluctuations in the relative value of the Japanese yen against the U.S. dollar. The Index is designed to have higher returns than an equivalent unhedged investment when the yen is weakening relative to the U.S. dollar. Conversely, the Index is designed to have lower returns than an equivalent unhedged investment when the yen is rising relative to the U.S. dollar. The Index applies an applicable published one-month currency forward rate to the total equity exposure to Japan to hedge against fluctuations in the relative value of the Japanese yen against the U.S. dollar.

The Fund intends to enter into forward currency contracts or futures contracts designed to offset the Fund's exposure to the Japanese yen. The amount of forward contracts and futures contracts in the Fund is based on the aggregate exposure of the Fund and Index to the Japanese yen. While this approach is designed to minimize the impact of currency fluctuations on Fund returns, it does not necessarily eliminate the Fund's exposure to the yen. The return of the forward currency contracts and currency futures contracts may not perfectly offset the actual fluctuations between the yen and the U.S. dollar.

To the extent the Index concentrates (i.e., holds 25% or more of its total assets) in the securities of a particular industry or group of industries, the Fund will concentrate its investments to approximately the same extent as the Index.

Principal Risks of Investing in the Fund

You can lose money on your investment in the Fund. The Fund is subject to the risks described below. Some or all of these risks may adversely affect the Fund's net asset value per share ("NAV"), trading price, yield, total return and/or ability to meet its objectives. For more information about the risks of investing in the Fund, see the sections in the Fund's Prospectus titled "Additional Principal Risk Information About the Funds" and "Additional Non-Principal Risk Information."

Investment Risk. As with all investments, an investment in the Fund is subject to investment risk. Investors in the Fund could lose money, including the possible loss of the entire principal amount of an investment, over short or long periods of time.

Market Risk. The trading prices of equity securities and other instruments fluctuate in response to a variety of factors, such as events that impact the entire market, market segments, or specific issuers. The Fund's NAV and market price may fluctuate significantly in response to these and other factors. As a result, an investor could lose money over short or long periods of time.

Shares of the Fund May Trade at Prices Other Than NAV. As with all exchange-traded funds ("ETFs"), Fund shares may be bought and sold in the secondary market at market prices. The trading prices of the Fund's shares in the secondary market generally differ from the Fund's daily NAV and there may be times when the market price of the shares is more than the NAV (premium) or less than the NAV (discount). This risk is heightened in times of market volatility or periods of steep market declines. Because securities held by the Fund trade on foreign exchanges that are closed when the Fund's primary listing exchange is open, the Fund is likely to experience premiums and discounts greater than those of domestic ETFs.

Cash Redemption Risk. The Fund's investment strategy will require it to redeem shares for cash or to otherwise include cash as part of its redemption proceeds. The Fund may be required to sell or unwind portfolio investments in order to obtain the cash needed to distribute redemption proceeds. This may cause the Fund to recognize a capital gain that it might not have recognized if it had made a redemption in-kind. As a result, the Fund may pay out higher annual capital gain distributions than if the in-kind redemption process was used.

Consumer Discretionary Sector Risk. The Fund currently invests a significant portion of its assets in the consumer discretionary sector. This sector consists of, for example, automobile, retail and media companies. The consumer discretionary sector of the economy can be significantly affected by, among other things, economic growth, worldwide demand and consumers' disposable income levels and propensity to spend.

Currency Exchange Rate Risk. The Fund uses various strategies to attempt to minimize the impact of changes in the value of the Japanese yen against the U.S. dollar. These strategies may not be successful. In order to minimize transaction costs, or for other reasons, the Fund's exposure to the yen may not be fully hedged at all times. Currency exchange rates can be very volatile and can change quickly and unpredictably. Therefore, the value of an investment in the Fund may also go up or down quickly and unpredictably and investors may lose money.

Derivatives Risk. The Fund will invest in derivatives. Derivatives are financial instruments that derive their performance from an underlying reference asset, such as a commodity, index, interest rate or inflation rate. The return on a derivative instrument may not correlate with the return of its underlying reference asset. Derivatives are subject to a number of risks described elsewhere in the Fund's Prospectus, such as market risk and issuer-specific risk.

Derivatives can be volatile and may be less liquid than other securities. As a result, the value of an investment in the Fund may change quickly and without warning and you may lose money. In addition to the other risks associated with the use of derivatives described elsewhere in this Prospectus, there are risks associated with the Fund's use of forward currency contracts and futures contracts. With respect to forward currency contracts, these risks include but are not limited to the risk that the counterparty will default on its obligations. With respect to futures contracts, these risks include but are not limited to: (1) the success of the adviser's and sub-adviser's ability to predict movements in the prices of individual currencies or securities, fluctuations in markets and movements in interest rates; (2) an imperfect or no correlation between the changes in market value of the currencies or securities and the prices of futures contracts; and (3) no guarantee that an active market will exist for the contracts at any particular time.

Foreign Securities Risk. Investments in non-U.S. securities involve certain risks that may not be present with investments in U.S. securities. For example, investments in non-U.S. securities may be subject to risk of loss due to foreign currency fluctuations or to political or economic instability. Investments in non-U.S. securities also may be subject to withholding or other taxes and may be subject to additional trading, settlement, custodial, and operational risks. These and other factors can make investments in the Fund more volatile and potentially less liquid than other types of investments and may be heightened in connection with investments in developing or emerging markets countries.

Geographic Concentration in Japan. Because the Fund invests primarily in the securities of companies in Japan, the Fund's performance is expected to be closely tied to social, political, and economic conditions within Japan and to be

more volatile than the performance of more geographically diversified funds. The Japanese economy has only recently emerged from a prolonged economic downturn. Since the year 2000, Japan's economic growth rate has remained relatively low. The economy is characterized by government intervention and protectionism,

an unstable financial services sector, relatively high unemployment, an aging and declining population and large government debt. Economic growth is heavily dependent on international trade, government support of the financial services sector and other troubled sectors, and consistent government policy. The United States has historically been Japan's largest single trading partner, but a significant portion of Japan's trade is conducted with developing nations, almost all of which are in Southeast Asia. Slowdowns in the U.S. and/or China and other Southeast Asian countries, including economic, political or social instability in such countries, could have a negative impact on Japan. Exposure to China, in terms of both imports and exports, has been increasing in recent years. These and other factors could have a negative impact on the Fund's performance and increase the volatility of an investment in the Fund.

Geopolitical Risk. Japan has experienced security concerns, war, threats of war, aggression and/or conflict, terrorism, economic uncertainty, natural and environmental disasters and/or systemic market dislocations (including due to events outside of Japan) that have led, and in the future may lead, to increased short-term market volatility and may have adverse long-term effects on the U.S. and world economies and markets generally, each of which may negatively impact the Fund's investments.

Hedging Risk. Derivatives used by the Fund to offset its exposure to foreign currencies represented in the Index may not perform as intended. There can be no assurance that the Fund's hedging transactions will be effective. The value of an investment in the Fund could be significantly and negatively impacted if foreign currencies represented in the Index appreciate at the same time that the value of the Fund's equity holdings fall.

Industrial Sector Risk. The Fund currently invests a significant portion of its assets in the industrial sector. The industrial sector can be significantly affected by, among other things, business cycle fluctuations, worldwide economy growth, government and corporate spending, supply and demand for specific products and manufacturing, and government regulation.

Index and Data Risk. The Fund is not "actively" managed and will seek to track the price and yield performance, before fees and expenses, of the Index. The Index provider has the right to make adjustments to the Index or to cease making the Index available without regard to the particular interests of the Fund or its shareholders. If the computers or other facilities of the Index provider, Index calculation agent, data providers and/or relevant stock exchange malfunction for any reason, calculation and dissemination of Index values may be delayed and trading in Fund shares may be suspended for a period of time. Errors in Index data, Index calculations and/or the construction of the Index may occur from time to time and may not be identified and/or corrected by the Index provider, Index calculation agent or other applicable party for a period of time or at all, which may have an adverse impact on the Funds and their shareholders. The potential risk of continuing error may be particularly heightened in the case of the Index, which is generally not used as a benchmark by other funds or managers.

Investment Style Risk. The Fund invests in the securities included in, or representative of, the Index regardless of their investment merit. The Fund does not attempt to outperform the Index or take defensive positions in declining markets. As a result, the Fund's performance may be adversely affected by a general decline in the market segments relating to the Index.

Issuer-Specific Risk. Issuer-specific events, including changes in the financial condition of an issuer, can have a negative impact on the value of the Fund.

Large-Capitalization Investing. The Fund may invest in the securities of large-capitalization companies. As a result, the Fund's performance may be adversely affected if securities of large-capitalization companies underperform securities of smaller-capitalization companies or the market as a whole. The securities of large-capitalization companies may be relatively mature compared to smaller companies and therefore subject to slower growth during times of economic expansion.

Mid-Capitalization Investing. The Fund may invest in the securities of mid-capitalization companies. As a result, the Fund's performance may be adversely affected if securities of mid-capitalization companies underperform securities of other capitalization ranges or the market as a whole. Securities of smaller companies are often more vulnerable to market volatility than securities of larger companies.

Non-Correlation Risk. As with all index funds, the performance of the Fund and its Index may differ from each other for a variety of reasons.

Non-Diversification Risk. The Fund is considered to be non-diversified, which means that it may invest more of its assets in the securities of a single issuer or a smaller number of issuers than if it were a diversified fund. To the extent

the Fund invests a significant percentage of its assets in a limited number of issuers, the Fund is subject to
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the risks of investing in those few issuers, and may be more susceptible to a single adverse economic or regulatory occurrence. As a result, changes in the market value of a single security could cause greater fluctuations in the value of Fund shares than would occur in a diversified fund.

Fund Performance

Historical Fund performance, which varies over time, can provide an indication of the risks of investing in the Fund. The bar chart that follows shows the annual total returns of the Fund for each full calendar year since the Fund commenced operations. The table that follows the bar chart shows the Fund's average annual total returns, both before and after taxes. This table also shows how the Fund's performance compares to the Index and that of a relevant broad-based securities index. Index returns do not reflect deductions for fees, expenses or taxes. All returns assume reinvestment of dividends and distributions. The Fund's past performance (before and after taxes) is not necessarily an indication of how the Fund will perform in the future.

The Fund's year-to-date total return as of June 30, 2016 was (25.09)%.

Best and Worst Quarter Returns (for the periods reflected in the bar chart above)

	Return	Quarter/Year
Highest Return	13.03%	4Q/2015
Lowest Return	(19.74)%	3Q/2015

After-tax returns are calculated using the highest historical individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on your tax situation and may differ from those shown and are not relevant if you hold your shares through tax-deferred arrangements, such as 401(k) plans or individual retirement accounts. In some cases the return after taxes may exceed the return before taxes due to an assumed tax benefit from any losses on a sale of Fund shares at the end of the measurement period.

Average Annual Total Returns for the periods ending December 31, 2015

	1 Year	Since Inception April 8, 2014
WisdomTree Japan Hedged Capital Goods Fund	0.68%	11.85%
Return Before Taxes Based on NAV	(0.31)%	9.07%
Return After Taxes on Distributions	1.36%	8.72%
Return After Taxes on Distributions and Sale of Fund Shares	1.12%	12.76%
WisdomTree Japan Hedged Capital Goods Index (Reflects no deduction for fees, expenses or taxes)	9.93%	17.97%
MSCI Japan Local Currency Index (Reflects no deduction for fees, expenses or taxes)		

Management

Investment Adviser and Sub-Adviser

WisdomTree Asset Management, Inc. serves as investment adviser to the Fund. Mellon Capital Management Corporation serves as sub-adviser to the Fund.

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Portfolio Managers

The Fund is managed by Mellon Capital's Equity Portfolio Management team. The individual members of the team jointly and primarily responsible for the day-to-day management of the Fund's portfolio are described below.

Karen Q. Wong, CFA, a Managing Director, Head of Equity Portfolio Management, has been a portfolio manager of the Fund since its inception in April 2014.

Richard A. Brown, CFA, a Managing Director and Senior Portfolio Manager, Equity Portfolio Management, has been a portfolio manager of the Fund since its inception in April 2014.

Thomas J. Durante, CFA, a Managing Director and Senior Portfolio Manager, Equity Portfolio Management, has been a portfolio manager of the Fund since its inception in April 2014.

Buying and Selling Fund Shares

The Fund is an ETF. This means that shares of the Fund are listed on a national securities exchange, such as NYSE Arca, and trade at market prices. Most investors will buy and sell shares of the Fund through brokers. Because Fund shares trade at market prices rather than NAV, shares may trade at a price greater than NAV (premium) or less than NAV (discount).

The Fund issues and redeems shares at NAV only in large blocks of shares ("Creation Units"), which only certain institutions or large investors (typically market makers or other broker-dealers) may purchase or redeem. Currently, Creation Units generally consist of 50,000 shares, though this may change from time to time. Creation Units are not expected to consist of less than 50,000 shares. The Fund issues and redeems Creation Units in exchange for a portfolio of securities and/or U.S. cash.

Tax Information

The Fund intends to make distributions that may be taxed as ordinary income, qualified dividend income, or capital gains.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase shares of the Fund through a broker-dealer or other financial intermediary (such as a bank) (an "Intermediary"), WisdomTree Asset Management, Inc. or its affiliates may pay Intermediaries for certain activities related to the Fund, including participation in activities that are designed to make Intermediaries more knowledgeable about exchange traded products, including the Fund, or for other activities, such as marketing, educational training or other initiatives related to the sale or promotion of Fund shares. These payments may create a conflict of interest by influencing the Intermediary and your salesperson to recommend the Fund over another investment. Any such arrangements do not result in increased Fund expenses. Ask your salesperson or visit the Intermediary's website for more information.

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DIVIDEND POLICY

We have never declared or paid any cash dividends on our capital stock and we do not currently intend to pay any cash dividends on our common stock in the foreseeable future. We expect to retain all available funds and future earnings, if any, to fund the development and growth of our business. Any future determination to pay dividends, if any, on our common stock will be at the discretion of our board of directors and will depend on, among other factors, our results of operations, financial condition, capital requirements and contractual restrictions, including any secured loan or loans that we may enter into, which, with limited exception, would restrict our ability to pay any dividends or make any other distributions or payments on account of or in redemption, retirement or purchase of any capital stock.

DILUTION

If you invest in our common stock, your interest will be diluted immediately to the extent of the difference between the exercise price and the adjusted net tangible book value per share of our common stock after this offering.

Our pro forma net tangible book value on September 30, 2016 was approximately \$10,512,339, or \$0.40 per share after giving effect to the issuances of 4,291,054 shares of common stock for which we received \$5,371,207 from October 1, 2016 through January 31, 2017. Net tangible book value is total assets minus the sum of liabilities and intangible assets. Net tangible book value per share is net tangible book value divided by the total number of shares outstanding.

After giving effect to the sale of shares of common stock in this offering in the aggregate amount of \$17.5 million at an assumed offering price of \$1.00 per share, which is the last reported sale price of our common stock on the NASDAQ Capital Market on February 1, 2017, and after deducting estimated offering commissions and estimated aggregate offering expenses payable by us, our as adjusted net tangible book value as of September 30, 2016 would have been approximately \$27.5 million, or \$0.62 per share of common stock. This represents an immediate increase in net tangible book value of \$0.22 per share to our existing stockholders and an immediate dilution in net tangible book value of \$0.38 per share to investors participating in this offering. The following table illustrates this dilution per share to investors participating in this offering:

Assumed public offering price per share	\$	1.00
Pro forma net tangible book value per share as of September 30, 2016	\$	0.40
Increase in pro forma net tangible book value per share attributable to new investors in this offering	\$	0.22
As adjusted net tangible book value per share after giving effect to this offering	\$	0.62
Dilution per share to new investors	\$	0.38

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 above discussion and table are based on shares of our common stock issued and outstanding as of September 30, 2016, which does not include the following, all as of September 30, 2016:

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1,219,847 shares of our common stock issuable upon exercise of outstanding options under our equity incentive plans, at a weighted-average exercise price of \$4.09 per share;

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142,392 shares of our common stock reserved for issuance upon the exercise of outstanding warrants, with a weighted-average exercise price of \$11.03 per share; and

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2,343,136 shares of our common stock which are reserved for equity awards that may be granted under our stock option plan.

PLAN OF DISTRIBUTION

We entered into the Sales Agreement with FBR, dated August 15, 2016, under which we may issue and sell our common stock under this prospectus supplement having an aggregate gross sales price of up to \$17,500,000 from time to time through FBR acting as sales agent, subject to certain limitations, including the number of shares registered under the registration statement to which this offering relates. This prospectus supplement follows, and supersedes, our August 2016 Prospectus Supplement filed under the Registration Statement for the offer and sale of up to \$10,500,000 of shares of common stock under the Sales Agreement from time to time through FBR acting as sales agent. As of February 1, 2017, 5,100,451 shares of common stock were sold under the August 2016 Prospectus Supplement for gross proceeds of \$7,422,053.

The sales, if any, of shares made under the Sales Agreement and this prospectus supplement will be made by any method that is deemed an at the market offering as defined in Rule 415 promulgated under the Securities Act, including sales made directly on or through the NASDAQ Capital Market, the existing trading market for our common stock, sales made to or through a market maker other than on an exchange or otherwise, in negotiated transactions at market prices, and/or any other method permitted by law. We may instruct FBR not to sell common stock if the sales cannot be effected at or above the price designated by us from time to time. We or FBR may suspend the offering of common stock upon notice and subject to other conditions.

FBR will offer our common stock subject to the terms and conditions of the Sales Agreement as agreed upon by us and FBR. Each time we wish to issue and sell common stock under the Sales Agreement, we will notify FBR of the number of shares to be issued, the time period during which such sales are requested to be made, any limitation on the number of shares that may be sold in one day, any minimum price below which sales may not be made and other sales parameters as we deem appropriate. Once we have so instructed FBR, unless FBR declines to accept the terms of the notice, FBR has agreed to use its commercially reasonable efforts consistent with its normal trading and sales practices to sell such shares up to the amount specified on such terms. The obligations of FBR under the Sales Agreement to sell our common stock are subject to a number of conditions that we must meet.

We will pay FBR commissions for its services in acting as agent in the sale of common stock. FBR will be paid a commission in an amount up to 3.0% of the gross sales price per share sold. FBR may also receive customary brokerage commissions from purchasers of the common stock in compliance with FINRA Rule 2121. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. We have also agreed to reimburse FBR for certain specified expenses in connection with this offering, including the fees and disbursements of its legal counsel in an amount not to exceed \$15,000. We estimate that the total expenses for this offering, excluding commissions and reimbursements payable to FBR under the terms of the Sales Agreement, will be approximately \$85,000 (whereas the total expenses in connection with the initial at-the-market offering, including the preparation and review of the August 2016 Prospectus Supplement and Sales Agreement was \$300,000).

Settlement for sales of common stock will generally occur on the third business day following the date on which any sales are made, or on some other date that is agreed upon by us and FBR in connection with a particular transaction, in return for payment of the net proceeds to us. There is no arrangement for funds to be received in an escrow, trust or similar arrangement.

In connection with the sale of the common stock on our behalf, FBR may, and will with respect to sales effected in an at the market offering, be deemed to be an underwriter within the meaning of the Securities Act and the compensation of FBR may be deemed to be underwriting commissions or discounts. We have agreed to provide indemnification and contribution to FBR against certain civil liabilities, including liabilities under the Securities Act.

The offering of our common stock pursuant to the Sales Agreement will terminate upon the earlier of (i) the sale of all of our common stock subject to the Sales Agreement, or (ii) termination of the Sales Agreement as provided therein. We may terminate the Sales Agreement at any time upon five days prior notice and FBR may terminate the Sales Agreement at any time upon ten days prior notice.

FBR and its affiliates may in the future provide various investment banking and other financial services for us and our affiliates, for which services they may in the future receive customary fees. To the extent required by Regulation M, FBR will not engage in any market making activities involving our common stock while the offering is ongoing under this prospectus supplement.

This summary of the material provisions of the Sales Agreement does not purport to be a complete statement of its terms and conditions. A copy of the Sales Agreement has been filed with the SEC as an exhibit to a Current Report on Form 8-K dated August 15, 2016 and is incorporated by reference in this prospectus supplement.

This prospectus in electronic format may be made available on a website maintained by FBR and FBR may distribute this prospectus electronically.

LEGAL MATTERS

The validity of the shares of common stock offered hereby will be passed upon for us by Gracin & Marlow, LLP, New York, New York. Duane Morris LLP, Newark, New Jersey, is acting as counsel to FBR in this offering.

EXPERTS

The financial statements as of December 31, 2015 and December 31, 2014 and for each of the two years in the period ended December 31, 2015 incorporated by reference in this Prospectus have been so incorporated in reliance on the report of BDO USA, LLP, an independent registered public accounting firm, incorporated herein by reference, given on authority of said firm as experts in auditing and accounting. The report contains an explanatory paragraph regarding the Company's ability to continue as a going concern.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the Securities and Exchange Commission. You may read and copy any document we file at the SEC's public reference room located at 100 F Street N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference room. Our public filings are also available to the public at the SEC's web site at www.sec.gov.

This prospectus is part of a registration statement on Form S-3 that we have filed with the SEC under the Securities Act. This prospectus does not contain all of the information in the registration statement. We have omitted certain parts of the registration statement, as permitted by the rules and regulations of the SEC. You may inspect and copy the registration statement, including exhibits, at the SEC's public reference room or Internet site.

Additional information about Heat Biologics, Inc. is contained at our website, www.heatbio.com. Information on our website is not incorporated by reference into this report. We make available on our website our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K as soon as reasonably practicable after those reports are filed with the SEC. The following Corporate Governance documents are also posted on our website: Code of Ethics and the Charters for the Audit Committee, Compensation Committee and Nominating and Governance Committee of the Board of Directors.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we file with it which means that we can disclose important information to you by referring you to those documents instead of having to repeat the information in this prospectus. The information incorporated by reference is considered to be part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings made with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act between the date of this prospectus and the termination of the offering, however, we are not incorporating by reference any documents or portions thereof, whether specifically listed below or filed in the future, that are not deemed filed with the SEC, or any information furnished pursuant to Items 2.02 or 7.01 of Form 8-K or related exhibits furnished pursuant to Item 9.01 of Form 8-K:

- Our annual report on Form 10-K for the fiscal year ended December 31, 2015 filed with the SEC on February 18, 2016;
- Our quarterly report on Form 10-Q for the quarter ended March 31, 2016 filed with the SEC on May 11, 2016;
- Our quarterly report on Form 10-Q for the quarter ended June 30, 2016 filed with the SEC on August 15, 2016;
- Our quarterly report on Form 10-Q for the quarter ended September 30, 2016 filed with the SEC on November 10, 2016;
- Our current reports on Form 8-K filed with the SEC on January 15, 2016, February 23, 2016, February 25, 2016, March 3, 2016, March 18, 2016, March 24, 2016, April 7, 2016, April 25, 2016, May 3, 2016, July 1, 2016, July 21, 2016, August 15, 2016, August 18, 2016, October 6, 2016, December 1, 2016, December 6, 2016, December 9, 2016, and January 4, 2017;
- Our Definitive Proxy Statement on Schedule 14A filed with the SEC on May 26, 2016; and
- The description of our common stock set forth in our registration statement on Form 8-A12B, filed with the SEC on July 8, 2013 (File No. 001-35994).

You may obtain, free of charge, a copy of any of these documents (other than exhibits to these documents unless the exhibits are specifically incorporated by reference into these documents or referred to in this prospectus) by writing or calling us at the following address and telephone number:

Heat Biologics, Inc.

801 Capitola Drive, Suite 12
Durham, North Carolina 27713

(919) 240-7133

S-13

PROSPECTUS

\$50,000,000

Common Stock

Warrants

Units

We may offer and sell up to \$50,000,000 in the aggregate of the securities identified above from time to time in one or more offerings. This prospectus provides you with a general description of the securities.

Each time we offer and sell securities, we will provide a supplement to this prospectus that contains specific information about the offering and the amounts, prices and terms of the securities. The supplement may also add, update or change information contained in this prospectus with respect to that offering. You should carefully read this prospectus and the applicable prospectus supplement before you invest in any of our securities.

We may offer and sell the securities described in this prospectus and any prospectus supplement to or through one or more underwriters, dealers and agents, or directly to purchasers, or through a combination of these methods. If any underwriters, dealers or agents are involved in the sale of any of the securities, their names and any applicable purchase price, fee, commission or discount arrangement between or among them will be set forth, or will be calculable from the information set forth, in the applicable prospectus supplement. See the sections of this prospectus entitled About this Prospectus and Plan of Distribution for more information. No securities may be sold without delivery of this prospectus and the applicable prospectus supplement describing the method and terms of the offering of such securities.

This prospectus may not be used to sell securities unless it is accompanied by a prospectus supplement.

INVESTING IN OUR SECURITIES INVOLVES RISKS. SEE THE RISK FACTORS ON PAGE 5 OF THIS PROSPECTUS AND ANY SIMILAR SECTION CONTAINED IN THE APPLICABLE PROSPECTUS SUPPLEMENT CONCERNING FACTORS YOU SHOULD CONSIDER BEFORE INVESTING IN OUR SECURITIES.

Our common stock is listed on the NASDAQ Capital Market under the symbol HTBX. On October 9, 2014, the last reported sale price of our common stock on the NASDAQ Capital Market was \$6.25 per share.

As of October 6, 2014, the aggregate market value of our outstanding common stock held by non-affiliates was \$32,269,856, based on 6,481,752 shares of outstanding common stock, of which 2,067,271 shares are held by affiliates, and a per share price of \$7.31 based on the closing sale price of our common stock on October 6, 2014. We have not offered any securities during the past twelve months pursuant to General Instruction I.B.6 of Form S-3.

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

The date of this prospectus is October 23, 2014

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You should rely only on the information we have provided or incorporated by reference in this prospectus or in any prospectus supplement. We have not authorized anyone to provide you with information different from that contained or incorporated by reference in this prospectus or in any prospectus supplement. This prospectus and any prospectus supplement is an offer to sell only the securities offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so. You should assume that the information contained in this prospectus and in any prospectus supplement is accurate only as of their respective dates and that any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any prospective supplement or any sale of securities. The registration statement, including the exhibits and the documents incorporated herein by reference, can be read on the Securities and Exchange Commission website or at the Securities and Exchange Commission offices mentioned under the heading **Where You Can Find More Information**.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the U.S. Securities and Exchange Commission, or the SEC, using a shelf registration process. By using a shelf registration statement, we may sell securities from time to time and in one or more offerings up to a total dollar amount of \$50 million of securities as described in this prospectus. Each time that we offer and sell securities, we will provide a prospectus supplement to this prospectus (which term includes, as applicable, the sales agreement prospectus filed with the registration statement of which this prospectus forms a part) that contains specific information about the securities being offered and sold and the specific terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus with respect to that offering. If there is any inconsistency between the information in this prospectus and the applicable prospectus supplement, you should rely on the prospectus supplement. Before purchasing any securities, you should carefully read both this prospectus and the applicable prospectus supplement, together with the additional information described under the heading **Where You Can Find More Information** and **Incorporation of Certain Information by Reference**.

You should rely only on the information incorporated by reference or provided in this prospectus. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We will not make an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus and the applicable prospectus supplement to this prospectus is accurate as of the date on its respective cover, and that any information incorporated by reference is accurate only as of the date of the document incorporated by reference, unless we indicate otherwise. Our business, financial condition, results of operations and prospects may have changed since those dates.

Unless otherwise stated or the context otherwise requires, references in this prospectus to **Heat**, **the Company**, **we**, **our** and **us** refer to Heat Biologics, Inc., a Delaware corporation and its consolidated subsidiaries, unless otherwise specified. When we refer to **you**, we mean the holders of the applicable series of securities.

PROSPECTUS SUMMARY

The items in the following summary are described in more detail elsewhere in this prospectus and in the documents incorporated by reference herein. This summary provides an overview of selected information and does not contain all the information you should consider before investing in our common stock. Therefore, you should read the entire prospectus and any free writing prospectus that we have authorized for use in connection with this offering carefully, including the Risk Factors section and other documents or information included or incorporated by reference in this prospectus before making any investment decision.

Overview

We are a development stage biopharmaceutical company engaged in the development of novel allogeneic, off-the-shelf cellular therapeutic vaccines to combat a wide range of cancers and infectious diseases. Our proprietary *ImPACT* _Immune_Pan_Antigen_Cytotoxic_Therapy is being designed to deliver live, genetically-modified, irradiated human cells which are reprogrammed to pump out a broad spectrum of cancer-associated antigens together with a potent immune adjuvant called gp96 to educate and activate a cancer patient's immune system to recognize and kill cancerous cells. We intend for our *ImPACT* cells to secrete an antigen-adjuvant complex that generates anti-cancer immune responses in patients by mobilizing and activating cytotoxic killer T cells that target multiple cancer antigens, thus harnessing a patient's own immune system to fight cancer.

Unlike autologous or personalized therapeutic vaccine approaches which require extraction and processing of cancer or blood from each individual patient, our *ImPACT* therapeutic vaccine uses a master cell line containing a host of known and unknown tumor associated antigens to mass-produce a single vaccine product applicable to all patients with a particular cancer type. We believe our off-the-shelf, allogeneic immunotherapy offers logistical, manufacturing and cost of goods benefits compared to autologous patient-specific approaches.

Our most advanced product candidates are HS-110 and HS-410.

HS-110

We have commenced a Phase 2 trial in non-small cell lung cancer (NSCLC) patients with our therapeutic vaccine candidate HS-110 (viagenpumatucel-L). The Phase 2 trial will evaluate HS-110 in combination with low dose cyclophosphamide versus chemotherapy alone in third- and fourth-line NSCLC patients. The trial will enroll 123 patients at approximately 20-30 investigative centers over 24 months. Recruitment for the trial began in the third quarter of 2014 and we anticipate completion of dosing by the second quarter of 2016. We intend to complete an interim analysis for immune response in the first half of 2015 after 14 patients have been treated for nine weeks with HS-110 in combination with low dose cyclophosphamide. HS-110 is a biologic product which consists of a lung cancer cell line that has been genetically modified using our *ImPACT* technology platform to secrete a wide range of lung cancer associated antigens bound to a gp96 adjuvant and is designed to activate a T-cell mediated pan-antigen immune response against the patient's cancer.

The inventor of the *ImPACT* technology that we license reported results from a Phase 1 open-label, single center clinical trial of HS-110 in patients with advanced NSCLC. We believe the results provide clinical evidence that HS-110 is capable of generating anti-cancer immune responses. Eighteen patients were vaccinated, and 15 of the 18 vaccinated patients completed the first course of three planned courses of therapy. Two patients completed all three planned courses of therapy (defined as three, six week treatment cycles).

HS-110 showed no overt toxicity. There were no serious adverse events (SAEs) that were considered by the trial investigator to be treatment-related. Most of the adverse events (AEs) were reported as mild or moderate (grade 1 or 2) with the most frequent being skin induration and rash that were transitory and usually resolved in 1 to 2 weeks. HS-110 provides evidence of a CD8-CTL IFN- γ immune response in patients with advanced NSCLC. In 11 of the 15 patients (73%) that completed the first course of therapy with HS-110, there was a twofold or greater increase in CD8 cells secreting interferon gamma (CD8-CTL IFN- γ). These patients also exhibited an estimated median survival of 16.5 months (95% CI: 7.1-20.0). In contrast, 4 patients were immune non-responders and survived 2.1, 2.3, 6.7, and 6.7 months, or a median survival of 4.5 months, which is consistent with the expected survival times in this patient population. The protocol required that we look for such responses, but, as is typical in immunotherapy, no partial or complete tumor responses were observed. The median one-year overall survival rate of patients in the study was 44% (95% CI: 21.6-65.1), comparing favorably to a 5.5% rate based on published data from a 43-patient advanced lung cancer population. One of the late-stage lung cancer patients survived over four years since starting the therapy and another patient survived over three years since starting the therapy. These findings were consistent with multiple pre-clinical published studies on *ImPACT* therapy.

HS-410

We have initiated dosing in a Phase 1/2 bladder cancer trial with HS-410. HS-410 is a biologic product which consists of a bladder cancer cell line which has been genetically modified using our *ImPACT* technology platform to secrete a wide range of bladder cancer antigens bound to a gp96 adjuvant and is designed to activate a T-cell mediated pan-antigen immune response against the patient's bladder cancer. To date, we have dosed 9 patients in our 84-patient, Phase 1/2 trial to examine safety, tolerability, immune response and preliminary clinical activity of HS-410 in patients with high risk, superficial bladder cancer who have completed surgical resection and 3-6 weekly intravesical bacillus Calmette-Guérin (BCG) immunotherapy installations. We anticipate including approximately 12-18 clinical sites with an enrollment period of 18-24 months. Patient recruitment began in December 2013. In September 2014, we completed the required enrollment of the Phase 1 portion of the study to advance to the Phase 2 study. We anticipate that the Phase 2 study will commence in the fourth quarter of 2014 and that dosing will be completed in approximately the third quarter of 2015.

Additional Indications

We continue to evaluate other indications for our *ImPACT* therapeutic vaccines and have developed a cell line for ovarian cancer and one for triple negative breast cancer. Our decision to further pursue either of these two product candidates or any additional product candidates other than our two lead product candidates will be based in part upon available funding and partnering opportunities. To date, in excess of \$14,000,000 of funding has

been awarded to the primary inventor of the technology we license by the National Institutes of Health (NIH) and through other research and clinical grants, which has been used to further develop our *ImPACT* technology platform that we license. We have little control over the direction of the NIH grant funds that have been received by the primary inventor of the technology we license and since payment is made to the inventors as opposed to us we do not recognize any revenue from such grant funds nor do they fund any expenses that we incur. Although earmarked for further development of the technology that we license, any funds awarded to the primary inventor are used in his discretion and we have little control over his use of the funds. The NIH is also currently fully funding the primary inventor's study of an HS-HIV product candidate in non-human primates with a therapeutic and prophylactic vaccine for the treatment and prevention of HIV utilizing the *ImPACT* approach.

The table below summarizes our current product candidates and their stages of development:

Product Candidate	Indication	Phase of Development	Upcoming Milestone(s)
HS-110	Non-Small Cell Lung Cancer (NSCLC)	Enrolling patients	2015 - Interim analysis for immune response
HS-410	Bladder Cancer Adjuvant	Enrolling patients	2014 - Report Phase 1 data on safety 2015 - Report Phase 1 data on immune response

ImPACT Therapy Novel Pan-Antigen Immune Activation

Our *ImPACT* therapy is a novel technology platform designed to educate and stimulate the immune system to combat specific disease targets, such as cancer cells. *ImPACT* utilizes live attenuated, human-derived, genetically-modified cells to generate an array of tumor associated antigens and secrete an essential immunostimulatory protein called gp96-Ig . The secreted proteins are designed to generate an immune response against cancer cells by mobilizing and activating a patient's own killer T cells to target a broad array of different tumor antigens with the goal of eliminating cancer cells. In contrast with other vaccine technologies that target only one antigen, *ImPACT*'s pan-antigen approach which may enable the body to induce and maintain an immune response against a broad array of tumor-specific proteins, by potentially providing a more robust and sustained immune response and limiting cancer cells' ability to evade the immune system. We believe the clinical and pre-clinical results suggest that *ImPACT* generates anti-tumor immune responses capable of targeting and destroying tumors. We believe our novel, off-the-shelf, live cell therapy has the potential to be used to not only combat a wide range of cancers, but also against various infectious diseases, such as hepatitis C, malaria and HIV, for which non-human primate studies, which we believe are encouraging, have been completed. We have leveraged our existing infrastructure by developing additional product candidates in areas where we can use our proprietary technology. Our success will depend on the clinical and regulatory success of our product candidates and our ability to retain, on commercially reasonable terms, financial and managerial resources, which are currently limited. To date, we have not received regulatory approval for any of our product candidates or derived any revenues from their sales. Moreover, there can be no assurance that we will ever receive regulatory approval for any of our product candidates or derive any revenues from their sales. We should have sufficient capital to operate the company for at least 12 months.

General Corporate Information

We were incorporated under the laws of the State of Delaware on June 10, 2008. Our principal offices are located at 801 Capitola Drive, Durham, North Carolina 27713. Our website address is www.heatbio.com. The information contained in, and that can be accessed through, our website is not incorporated into and is not a part of this report.

THE OFFERING

We may offer shares of our common stock, warrants to purchase any of such securities, either individually or in combination, and/or units consisting of some or all of such securities for total gross proceeds of up to \$50 million, from time to time under this prospectus, together with the applicable prospectus supplement and any related free writing prospectus, at prices and on terms to be determined by market conditions at the time of any offering. Each time we offer a type or series of securities under this prospectus, we will provide a prospectus supplement that will describe the specific amounts, prices and other important terms of the securities being offered. Below is a summary of the securities we may offer under this prospectus (together with the applicable prospectus supplement).

We may sell the securities directly to investors or to or through agents, underwriters or dealers. We, and our agents or underwriters, reserve the right to accept or reject all or part of any proposed purchase of securities. Each prospectus supplement will set forth the names of any underwriters, dealers or agents involved in the sale of securities described in that prospectus supplement and any applicable fee, commission or discount arrangements with them.

RISK FACTORS THAT MAY AFFECT FUTURE RESULTS

*You should consider carefully the risks discussed under the section captioned **Risk Factors** contained in our annual report on Form 10-K for the year ended December 31, 2013 and in our subsequent quarterly reports on Form 10-Q, as updated by our subsequent filings under the Securities Exchange Act of 1934, as amended, or the Exchange Act, each of which is incorporated by reference in this prospectus in its entirety, together with other information in this prospectus, and the information and documents incorporated by reference in this prospectus, and any free writing prospectus that we have authorized for use in connection with this offering before you make a decision to invest in our common stock. If any of these events actually occur, our business, operating results, prospects or financial condition could be materially and adversely affected. This could cause the trading price of our common stock to decline and you may lose all or part of your investment.*

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus, including the documents incorporated by reference in it, contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934 as amended, or the Exchange Act. These statements may be made directly in this document or they may be made part of this document by reference to other documents filed with the SEC, which is known as incorporation by reference. You can find many (but not all) of these statements by looking for words such as approximates, believes, expects, anticipates, estimates, intends, plans, would, could, may or other in this prospectus or the documents incorporated by reference.

We caution investors that any forward-looking statements presented in this prospectus or the documents incorporated by reference, or those which we may make orally or in writing from time to time, are based on our beliefs and assumptions, as well as information currently available to us. Such statements are based on assumptions and the actual outcome will be affected by known and unknown risks, trends, uncertainties and factors that are beyond our control or ability to predict. Although we believe that our assumptions are reasonable, they are not guarantees of future performance and some will inevitably prove to be incorrect. As a result, our actual future results can be expected to differ from our expectations, and those differences may be material. Accordingly, investors should use caution in relying on past forward-looking statements, which are based on known results and trends at the time they are made, to anticipate future results or trends.

Some of the risks and uncertainties that may cause our actual results, performance or achievements to differ materially from those expressed or implied by forward-looking statements include the following:

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our ability to implement our business plan;

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our ability to raise additional capital to meet our liquidity needs;

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our ability to generate product revenues;

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our ability to achieve profitability;

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our ability to comply with our loan covenants;

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our ability to satisfy U.S. (including FDA) and international regulatory requirements;

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our ability to obtain market acceptance of our technology and products;

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our ability to compete in the market;

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our ability to advance our clinical trials;

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our ability to fund, design and implement clinical trials;

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our ability to maintain our present customer base and retain new customers;

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our ability to demonstrate that our product candidates are safe for human use and effective for indicated uses;

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our ability to gain acceptance of physicians and patients for use of our products;

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our dependency on third-party researchers and manufacturers and licensors;

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our ability to establish and maintain strategic partnerships, including for the distribution of products;

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our ability to attract and retain a sufficient qualified personnel;

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our ability our ability to obtain or maintain patents or other appropriate protection for the intellectual property;

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our dependency on the intellectual property licensed to us or possessed by third parties;

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our ability to adequately support future growth; and

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our potential product liability or intellectual property infringement claims.

This prospectus and all subsequent written and oral forward-looking statements attributable to us or any person acting on our behalf are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. We do not undertake any obligation to release publicly any revisions to our forward-looking statements to reflect events or circumstances after the dates that such statements are made.

For more information on the uncertainty of forward-looking statements, see **Risk Factors** in our Annual Reports on Form 10-K and our Quarterly Reports on Form 10-Q and any applicable prospectus supplement.

USE OF PROCEEDS

We intend to use the net proceeds, if any, from the sales of securities offered by this prospectus for general corporate purposes, which may include, among other things, increasing our working capital, funding research and development (including clinical trials), vendor payables, regulatory submissions, hiring additional personnel and capital expenditures. In addition, we may use a portion of the net proceeds for licensing or acquiring intellectual property to incorporate into our products and product candidates or our research and development programs. We may also use a portion of the net proceeds to in-license, acquire or invest in complementary businesses or products; however, we have no current commitments or obligations to do so.

The amounts and timing of our actual expenditures will depend on numerous factors, including our development and commercialization efforts, as well as the amount of cash used in our operations. We therefore cannot estimate with certainty the amount of net proceeds to be used for the purposes described above. We may find it necessary or advisable to use the net proceeds for other purposes, and we will have broad discretion in the application of the net proceeds. Pending the uses described above, we plan to invest the net proceeds from this offering in short-term, investment-grade, interest-bearing securities.

DIVIDEND POLICY

We have never paid cash dividends on our common stock. Moreover, we do not anticipate paying periodic cash dividends on our common stock for the foreseeable future. We intend to use all available cash and liquid assets in the operation and growth of our business. Any future determination about the payment of dividends will be made at the discretion of our board of directors and will depend upon our earnings, if any, capital requirements, operating and financial conditions and on such other factors as our board of directors deems relevant.

DESCRIPTION OF OUR CAPITAL STOCK

The following is a summary of the rights of our common stock and related provisions of our articles of incorporation and bylaws. For more detailed information, please see our articles of incorporation and bylaws.

We are authorized to issue 50,000,000 shares of common stock, par value \$0.0002 per share, of which 6,464,178 shares are outstanding and 10,000,000 shares of Preferred Stock, par value \$0.0001 per share, of which 112,500 shares are designated Series 1 Preferred Stock, 2,000,000 shares are designated Series A Preferred Stock, 4,100,000 are designated as Series B-1 Preferred Stock and 2,000,000 are designated Series B-2 Preferred Stock. There are currently no shares of Preferred Stock outstanding.

Common Stock

Reverse Stock Split

On May 29, 2013, we effected a 1-for-2.3 reverse stock split. Upon the effectiveness of the reverse stock split, every 2.3 shares of outstanding common stock decreased to one share of common stock. Similarly, the number of shares of common stock into which each outstanding option and warrant to purchase common stock is exercisable decreased on a 1-for-2.3 basis and the exercise price of each outstanding option and warrant to purchase common stock increased proportionately. In addition, the applicable conversion price of the Preferred Stock was proportionately increased to adjust for the stock split resulting in a proportionate decrease in the number of shares that were issued upon conversion of the Preferred Stock upon the closing of our IPO.

Unless otherwise indicated, all references to share numbers in this prospectus filed as part of this registration statement reflect the effects of this reverse stock split.

The holders of our common stock are entitled to one vote per share on all matters to be voted on by the stockholders. Subject to preferences that may be applicable to any outstanding shares of Preferred Stock, holders of common stock are entitled to receive ratably such dividends as may be declared by the Board out of funds legally available therefore. If we liquidate, dissolve or wind up, holders of common stock are entitled to share ratably in all assets remaining after payment of liabilities and the liquidation preferences of any outstanding shares of Preferred Stock. Holders of common stock have no preemptive, conversion or subscription rights. There are no redemption or sinking fund provisions applicable to the common stock. All outstanding shares of common stock are, and all shares of common

stock to be outstanding upon completion of this offering will be, fully paid and nonassessable. Except as otherwise required by Delaware law, all stockholder action, other than the election of directors, is taken by the vote of a majority of the outstanding shares of common stock voting as a single class present at a meeting of stockholders at which a quorum consisting of a majority of the outstanding shares of common stock is present in person or proxy. The election of directors by our stockholders, is determined by a plurality of the votes cast by the stockholders entitled to vote at any meeting held for such purposes at which a quorum consisting of a majority of the outstanding shares of common stock is present in person or proxy.

DESCRIPTION OF WARRANTS

Warrants

We may issue warrants for the purchase of common stock. We may issue warrants independently or in combination with common stock. In this prospectus, we have summarized certain general features of the warrants. We urge you, however, to read the applicable prospectus supplement (and any related free writing prospectus that we may authorize to be provided to you) related to the particular series of warrants being offered, as well as any warrant agreements and warrant certificates that contain the terms of the warrants. We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from reports that we file with the SEC, the form of warrant and/or the warrant agreement and warrant certificate, as applicable, that contain the terms of the particular series of warrants we are offering, and any supplemental agreements, before the issuance of such warrants.

Any warrants issued under this prospectus may be evidenced by warrant certificates. Warrants also may be issued under an applicable warrant agreement that we enter into with a warrant agent. We will indicate the name and address of the warrant agent, if applicable, in the prospectus supplement relating to the particular series of warrants being offered.

The following description, together with the additional information that we include in any applicable prospectus supplement and in any related free writing prospectus that we may authorize to be distributed to you, summarizes the material terms and provisions of the warrants that we may offer under this prospectus, which may be issued in one or more series. While the terms we have summarized below will apply generally to any warrants that we may offer under this prospectus, we will describe the particular terms of any series of warrants in more detail in the applicable prospectus supplement and in any related free writing prospectus that we may authorize to be distributed to you. The following description of warrants will apply to the warrants offered by this prospectus unless we provide otherwise in the applicable prospectus supplement. The applicable prospectus supplement for a particular series of warrants may specify different or additional terms.

We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from reports that we file with the SEC, the form of warrant and/or the warrant agreement and warrant certificate, as applicable, that contain the terms of the particular series of warrants we are offering, and any supplemental agreements, before the issuance of such warrants.

The summary below and that contained in any prospectus supplement is qualified in its entirety by reference to all of the provisions of the warrant and/or the warrant agreement and warrant certificate, as applicable, applicable to a

particular series of debt securities. We urge you to read the applicable prospectus supplements and any related free writing prospectuses related to the warrants that we may offer under this prospectus, as well as the complete warrant and/or the warrant agreement and warrant certificate, as applicable, that contains the terms of the warrants.

General

We will describe in the applicable prospectus supplement the terms of the series of warrants being offered, including:

- the offering price and aggregate number of warrants offered;
- the currency for which the warrants may be purchased;
- if applicable, the number of warrants issued with each such security;
- the number of shares of common stock, as the case may be, purchasable upon the exercise of one warrant and the price at which these shares may be purchased upon such exercise;
- the effect of any merger, consolidation, sale or other disposition of our business on the warrant agreements and the warrants;
- the terms of any rights to redeem or call the warrants;
- any provisions for changes to or adjustments in the exercise price or number of securities issuable upon exercise of the warrants;
- the dates on which the right to exercise the warrants will commence and expire;
- the manner in which the warrant agreements and warrants may be modified;

- a discussion of any material or special U.S. federal income tax considerations of holding or exercising the warrants;
- the terms of the securities issuable upon exercise of the warrants; and
- any other specific terms, preferences, rights or limitations of or restrictions on the warrants.

Before exercising their warrants, holders of warrants will not have any of the rights of holders of the securities purchasable upon such exercise, including the right to receive dividends, if any, or, payments upon our liquidation, dissolution or winding up or to exercise voting rights, if any:

Exercise of Warrants

Each warrant will entitle the holder to purchase the securities that we specify in the applicable prospectus supplement at the exercise price that we describe in the applicable prospectus supplement. The warrants may be exercised as set forth in the prospectus supplement relating to the warrants offered. Unless we otherwise specify in the applicable prospectus supplement, warrants may be exercised at any time up to the close of business on the expiration date set forth in the prospectus supplement relating to the warrants offered thereby. After the close of business on the expiration date, unexercised warrants will become void.

Upon receipt of payment and the warrant or warrant certificate, as applicable, properly completed and duly executed at the corporate trust office of the warrant agent, if any, or any other office, including ours, indicated in the prospectus supplement, we will, as soon as practicable, issue and deliver the securities purchasable upon such exercise. If less than all of the warrants (or the warrants represented by such warrant certificate) are exercised, a new warrant or a new warrant certificate, as applicable, will be issued for the remaining warrants.

Enforceability of Rights by Holders of Warrants

Each warrant agent, if any, will act solely as our agent under the applicable warrant agreement and will not assume any obligation or relationship of agency or trust with any holder of any warrant. A warrant agent may act as warrant agent for more than one issue of warrants. A warrant agent will have no duty or responsibility in case of any default by us under the applicable warrant agreement or warrant, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a warrant may, without the consent of the related warrant agent or the holder of any other warrant, enforce by appropriate legal action its right to exercise, and receive the securities purchasable upon exercise of, its warrants.

Governing Law

Unless we otherwise specify in the applicable prospectus supplement, the warrants and any warrant agreements will be governed by and construed in accordance with the laws of the State of New York.

DESCRIPTION OF UNITS

Units

We may issue units consisting of any combination of our common stock and warrants. We will issue each unit so that the holder of the unit is also the holder of each security included in the unit. As a result, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time or at any time before a specified date.

The summary below and that contained in any prospectus supplement is qualified in its entirety by reference to all of the provisions of the unit agreement and/or unit certificate, and depositary arrangements, if applicable. We urge you to read the applicable prospectus supplements and any related free writing prospectuses related to the units that we may offer under this prospectus, as well as the complete unit agreement and/or unit certificate, and depositary arrangements, as applicable, that contain the terms of the units.

We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from reports that we file with the SEC, the form of unit agreement and/or unit certificate, and depositary arrangements, as applicable, that contain the terms of the particular series of units we are offering, and any supplemental agreements, before the issuance of such units.

The applicable prospectus supplement, information incorporated by reference or free writing prospectus may 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 composing the units;
- whether the units will be issued in fully registered or global form; and
- any other terms of the units.

The applicable provisions described in this section, as well as those described under **Common Stock** and **Warrants** above, will apply to each unit and to each security included in each unit, respectively.

PLAN OF DISTRIBUTION

We may sell the securities from time to time pursuant to underwritten public offerings, negotiated transactions, block trades or a combination of these methods or through underwriters or dealers, through agents and/or directly to one or more purchasers. The securities may be distributed from time to time in one or more transactions:

- at a fixed price or prices, which may be changed;
- at market prices prevailing at the time of sale;
- at prices related to such prevailing market prices; or
- at negotiated prices.

Each time that we sell securities covered by this prospectus, we will provide a prospectus supplement or supplements that will describe the method of distribution and set forth the terms and conditions of the offering of such securities, including the offering price of the securities and the proceeds to us, if applicable.

Offers to purchase the securities being offered by this prospectus may be solicited directly. Agents may also be designated to solicit offers to purchase the securities from time to time. Any agent involved in the offer or sale of our securities will be identified in a prospectus supplement.

If a dealer is utilized in the sale of the securities being offered by this prospectus, the securities will be sold to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale.

If an underwriter is utilized in the sale of the securities being offered by this prospectus, an underwriting agreement will be executed with the underwriter at the time of sale and the name of any underwriter will be provided in the prospectus supplement that the underwriter will use to make resales of the securities to the public. In connection with the sale of the securities, we, or the purchasers of securities for whom the underwriter may act as agent, may compensate the underwriter in the form of underwriting discounts or commissions. The underwriter may sell the securities to or through dealers, and those dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters and/or commissions from the purchasers for which they may act as agent. Unless otherwise indicated in a prospectus supplement, an agent will be acting on a best efforts basis and a dealer will purchase securities as a principal, and may then resell the securities at varying prices to be determined by the dealer.

Any compensation paid to underwriters, dealers or agents in connection with the offering of the securities, and any discounts, concessions or commissions allowed by underwriters to participating dealers will be provided in the applicable prospectus supplement. Underwriters, dealers and agents participating in the distribution of the securities may be deemed to be underwriters within the meaning of the Securities Act, and any discounts and commissions received by them and any profit realized by them on resale of the securities may be deemed to be underwriting discounts and commissions. We may enter into agreements to indemnify underwriters, dealers and agents against civil liabilities, including liabilities under the Securities Act, or to contribute to payments they may be required to make in respect thereof and to reimburse those persons for certain expenses.

Any common stock will be listed on the NASDAQ Capital Market, but any other securities may or may not be listed on a national securities exchange. To facilitate the offering of securities, certain persons participating in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. This may include over-allotments or short sales of the securities, which involve the sale by persons participating in the offering of more securities than were sold to them. In these circumstances, these persons would cover such over-allotments or short positions by making purchases in the open market or by exercising their over-allotment option, if any. In addition, these persons may stabilize or maintain the price of the securities by bidding for or purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. These transactions may be discontinued at any time.

If indicated in the applicable prospectus supplement, underwriters or other persons acting as agents may be authorized to solicit offers by institutions or other suitable purchasers to purchase the securities at the public offering price set forth in the prospectus supplement, pursuant to delayed delivery contracts providing for payment and delivery on the date or dates stated in the prospectus supplement. These purchasers may include, among others, commercial and savings banks, insurance companies, pension funds, investment companies and educational and charitable institutions. Delayed delivery contracts will be subject to the condition that the purchase of the securities covered by the delayed delivery contracts will not at the time of delivery be prohibited under the laws of any jurisdiction in the United States to which the purchaser is subject. The underwriters and agents will not have any responsibility with respect to the validity or performance of these contracts.

We may engage in at the market offerings into an existing trading market in accordance with Rule 415(a)(4) under the Securities Act. In addition, we may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement so indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be named in the applicable prospectus supplement (or a post-effective amendment). In addition, we may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus and an applicable prospectus supplement. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

The specific terms of any lock-up provisions in respect of any given offering will be described in the applicable prospectus supplement.

The underwriters, dealers and agents may engage in transactions with us, or perform services for us, in the ordinary course of business for which they receive compensation.

LEGAL MATTERS

Gracin & Marlow, LLP, New York, New York will pass upon certain legal matters relating to the issuance and sale of the common stock, warrants and units offered hereby on behalf of Heat Biologics, Inc. Additional legal matters may be passed upon for us or any underwriters, dealers or agents, by counsel that we will name in the applicable prospectus supplement.

EXPERTS

The financial statements as of December 31, 2013 and December 31, 2012 and for each of the two years in the period ended December 31, 2013 incorporated by reference in this Prospectus have been so incorporated in reliance on the report of BDO USA, LLP, an independent registered public accounting firm, incorporated herein by reference, given on authority of said firm as experts in auditing and accounting.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the Securities and Exchange Commission. You may read and copy any document we file at the SEC's public reference room located at 100 F Street N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference room. Our public filings are also available to the public at the SEC's web site at <http://www.sec.gov>.

This prospectus is part of a registration statement on Form S-3 that we have filed with the SEC under the Securities Act. This prospectus does not contain all of the information in the registration statement. We have omitted certain parts of the registration statement, as permitted by the rules and regulations of the SEC. You may inspect and copy the registration statement, including exhibits, at the SEC's public reference room or Internet site.

Additional information about Heat Biologics, Inc. is contained at our website, www.heatbiologics.com. Information on our website is not incorporated by reference into this report. We make available on our website our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K as soon as reasonably practicable after those reports are filed with the SEC. The following Corporate Governance documents are also posted on our website: Code of Ethics and the Charters for the Audit Committee, Compensation Committee and Nominating and Governance Committee of the Board of Directors.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we file with it which means that we can disclose important information to you by referring you to those documents instead of having to repeat the information in this prospectus. The information incorporated by reference is considered to be part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings made with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act between the date of this prospectus and the termination of the offering, however, we are not incorporating by reference any documents or portions thereof, whether specifically listed below or filed in the future, that are not deemed filed with the SEC, or any information furnished pursuant to Items 2.02 or 7.01 of Form 8-K or related exhibits furnished pursuant to Item 9.01 of Form 8-K:

- Our annual report on Form 10-K for the fiscal year ended December 31, 2013 filed with the SEC on March 31, 2014;
- Our quarterly report on Form 10-Q for the quarter ended March 31, 2014 filed with the SEC on May 12, 2014;
- Our quarterly report on Form 10-Q for the quarter ended June 30, 2014 filed with the SEC on August 13, 2014;
- Our annual report on Form 10-K/A Amendment No. 1 for the fiscal year ended December 31, 2013 filed with the SEC on October 10, 2014;
- Our current reports on Form 8-K filed with the SEC on January 21, February 3, March 5, March 31, May 7, June 13, August 25, 2014 and October 2, 2014;
- Our Definitive Proxy Statement on Schedule 14A filed with the SEC on May 8, 2014; and
- The description of our common stock set forth in our registration statement on Form 8-A12B, filed with the SEC on July 8, 2013 (File No. 001-35994).

You may obtain, free of charge, a copy of any of these documents (other than exhibits to these documents unless the exhibits are specifically incorporated by reference into these documents or referred to in this prospectus) by writing or calling us at the following address and telephone number:

801 Capitola Drive
Durham, North Carolina 27713

(919) 240-7133

Up to \$17,500,000 of Shares of

Common Stock

PROSPECTUS SUPPLEMENT

FBR

February 3, 2017