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

FORM 8-K

CURRENT REPORT Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) August 26, 2015

STELLAR BIOTECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

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

000-54598 (Commission File Number)

N/A (I.R.S. Employer Identification No.)

332 E. Scott Street Port Hueneme, California 93041

(Address of principal executive offices) (Zip Code)

(805) 488-2800

(Registrant's telephone number, including area code)

Not applicable.

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 3.02 Material Modification to Rights of Security Holders

On August 26, 2015, the Board of Directors of Stellar Biotechnologies, Inc. (the "Company") approved a share consolidation (reverse stock split) of the Company's common shares, without par value per share (the "Common Shares"), on the basis of one (1) post-consolidated Common Share for every ten (10) pre-consolidated Common Shares (the "Reverse Split"). The Company anticipates that the Reverse Split will be effective as of 12:01 a.m. Pacific Time on September 2, 2015 (the "Effective Date"), contingent upon approval from the TSX Venture Exchange ("TSX-V") and the Financial Industry Regulatory Authority ("FINRA").

The Reverse Split will not be effective until the Company receives approval from the TSX-V and FINRA. On the Effective Date every ten of the Company's issued and outstanding Common Shares without par value will be consolidated into one Common Share without par value. Each fractional share remaining after consolidation that is less than one-half of a share will be cancelled and each fractional share that is at least one-half of a share will be converted to one whole share. The Reverse Split will reduce the number of Common Shares outstanding from 79,847,550 million to approximately 7,984,755 million.

Item 7.01 Regulation FD Disclosure.

On August 28, 2015, the Company issued a press release announcing the Reverse Split. A copy of the press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

Cautionary Note Regarding Forward Looking Statements

This Current Report on Form 8-K contains forward-looking statements within the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact are "forward-looking statements" for purposes of these provisions, and include statements regarding the proposed Effective Date of the Reverse Split. Any forward-looking statements contained herein are based on current expectations, and are subject to a number of risks and uncertainties, including anticipated clearance of the Reverse Split with TSX-V and FINRA. Given these uncertainties, investors should not place undue reliance on these forward-looking statements. Additional risk factors relating to the Company Sannual Report on Form 10-K for the year ended August 31, 2014, and other filings the Company makes with the Securities and Exchange Commission, including quarterly reports on Form 10-Q and current reports on Form 8-K. All forward-looking statements included in this Current Report on Form 8-K are made as of the date hereof, based on information available to the Company as of the date of this report, and the Company assumes no obligation to update any such forward-looking statements, except as required by law.

Item 9.01 Financial Statements and Exhibits

Exhibit No.

Description

4.2 99.1 Specimen Common Stock Certificate Press Release, dated August 28, 2015 SIGNATURES

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

Stellar Biotechnologies, Inc.

Date: August 28, 2015 By: <u>/s/ Kathi Niffenegger</u>

Date: August 28, 2015 Name: Kathi Niffenegger Title: Chief Financial Officer Exhibit No. 4.2 99.1

<u>Description</u> Specimen Common Stock Certificate Press Release, dated August 28, 2015

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Stellar Biotechnologies Announces Reverse Stock Split in Preparation for Proposed Uplisting to NASDAQ Capital Market

PORT HUENEME, CA, (August 28, 2015) -- Stellar Biotechnologies, Inc. ("Stellar" or "the Company") (OTCQB: SBOTF) (TSX-V: KLH), the leader in sustainable manufacture of Keyhole Limpet Hemocyanin ("KLH"), today announced that, subject to regulatory approval, the Company will proceed with a consolidation of its issued and outstanding common shares (the "Shares") on the basis of one (1) post-consolidated common Share for every ten (10) pre-consolidated Shares (the "Reverse Split").

The Company's Board of Directors approved the Reverse Split on August 26, 2015, in preparation for its planned uplisting to the NASDAQ Capital Market ("NASDAQ"). The Company has filed an application to have its common stock approved for trading on NASDAQ and the Reverse Split is intended to fulfill one of the quantitative requirements for listing. However, there can be no assurance that NASDAQ will approve the Company's application or, if the Company's stock is uplisted, that the Company will be able to maintain minimum listing requirements.

"This reverse stock split is a key step in our growth strategy," said Frank Oakes, President, Chief Executive Officer and Chairman. "We believe that the proposed uplisting to the NASDAQ Capital Market offers a number of advantages including the opportunity to improve liquidity for our shareholders and to increase Stellar's visibility in the broader investment community and with institutional investors."

The Reverse Split is subject to approval by the Financial Industry Regulatory Authority (FINRA) and the TSX Venture Exchange. The Company anticipates that the Reverse Split will become effective on or about September 2, 2015.

To view the Company's current filings under Form 20-F, Form 10-K, 10-Q and 8-K, please visit the U.S. SEC website (www.sec.gov/edgar). To view the Company's filings with the Canadian Securities Administrators ("CSA"), including the Management Discussion and Analysis and related consolidated financial statements, please visit the CSA's SEDAR website (www.sedar.com)

About Stellar Biotechnologies, Inc.

Stellar Biotechnologies, Inc. (OTCQB: SBOTF) (TSX Venture: KLH) is the leader in sustainable manufacture of Keyhole Limpet Hemocyanin (KLH), an important immune-stimulating protein used in wide-ranging therapeutic and diagnostic markets. KLH is both an active pharmaceutical ingredient (API) in many new immunotherapies (targeting cancer, immune disorders, Alzheimer's and inflammatory diseases) as well as a finished product for measuring immune status. Stellar Biotechnologies is unique in its proprietary methods, facilities, and KLH technology. We are committed to meeting the growing demand for commercial-scale supplies of GMP grade KLH, ensuring environmentally sound KLH production, and developing KLH-based active immunotherapies.

Visit www.stellarbiotech.com and the KLH knowledge base www.klhsite.org.

Stellar Biotechnologies Company Contact:

Mark A. McPartland
Vice President of Corporate Development and Communications
Phone: +1 (805) 488-2800 ext. 103
markmcp@stellarbiotech.com
www.stellarbiotech.com

Investor Inquiries:

Joseph Green The Ruth Group Phone: +1 (646) 536-7013 jgreen@theruthgroup.com

Media Inquiries:

Joanna Zimmerman The Ruth Group Phone: +1 (646) 536-7006 jzimmerman@theruthgroup.com

Forward Looking Statements

This press release may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements may be identified by the use of words such as "anticipate," "believe," "plan," "estimate," "expect," "intend," "may," "will," "would," "could," "should," "might," "potential," or "continue" and variations or similar expressions. Readers should not unduly rely on these forward-looking statements, which are not a guarantee of future performance. There can be no assurance that forward-looking statements will prove to be accurate, as all such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause actual results or future events to differ materially from the forward-looking statements. Such risks include, but may not be limited to: general economic and business conditions; technology changes; competition; changes in strategy or development plans; governmental regulations and the ability or failure to comply with governmental regulations; the timing of anticipated results; and other factors referenced in the Company's filings with securities regulators. For a discussion of further risks and uncertainties related to the Company's business, please refer to the Company's public company reports filed with the TSX Venture Exchange and the U.S. Securities and Exchange Commission. All forward-looking statements are made as of the date hereof and are subject to change. Except as required by law, the Company assumes no obligation to update such statements. This press release does not constitute an offer or sole of any securities in any jurisdiction, including the United States. Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of the information contained in this press release.