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: November 07, 2014 (Date of earliest event reported)

Stellar Biotechnologies, Inc.

(Exact name of registrant as specified in its charter)

CA

(State or other jurisdiction of incorporation)

000-54598

(Commission File Number)

(IRS Employer Identification Number)

332 East Scott Street

(Address of principal executive offices)

93041 (Zip Code)

858-488-2800

(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:

- 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 5.02. Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers

On November 7, 2014, Stellar Biotechnologies, Inc. (the "Company") announced the resignation of Herbert S. Chow, the Company's Chief Technology Officer, effective December 10, 2014.

A copy of the press release announcing the resignation of Mr. Chow is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

99.1 Press Release of Stellar Biotechnologies, Inc. dated November 07, 2014

SIGNATURE

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.

Dated: November 07, 2014 STELLAR BIOTECHNOLOGIES, INC.

By: <u>/s/ Kathi Niffenegger</u>
Kathi Niffenegger

Exhibit Index

Exhibit No.

99.1

Description

Press Release of Stellar Biotechnologies, Inc. dated November 07, 2014

Stellar Biotechnologies Announces Resignation of CTO Effective December 10, 2014

PORT HUENEME, CA -- (Marketwired - November 07, 2014) - **Stellar Biotechnologies, Inc.** ("Stellar" or "the Company") (OTCQB: SBOTF) (TSX VENTURE: KLH), today announced the resignation of chief technology officer Herbert Chow, Ph.D. He will be leaving the company on December 10, 2014 for personal reasons. Dr. Chow's responsibilities will be reassigned based on a mutually agreed transitional plan.

"We are grateful for the contributions and commitment Dr. Chow provided to Stellar over his years of service with the company," said, Frank Oakes, president and chief executive officer of Stellar Biotechnologies. "Herb was instrumental in exploring new pathways and supporting our core business of KLH technology expansion. He has been an outstanding leader both at the company and in the community, we wish him the very best in his new endeavors."

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.

To receive timely updates, sign up for company email alerts at www.StellarBiotech.com and to learn more about the power of KLH visit the KLH knowledge base site at www.KLHsite.org.

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 solicitation of an offer for sale 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.

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