

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

FORM 6-K

REPORT OF FOREIGN ISSUER PURSUANT TO RULE 13a-16 AND 15d-16 UNDER
THE SECURITIES EXCHANGE ACT OF 1934

For the Month of November 2013

File No. 000-54598

Stellar Biotechnologies Inc.

(Name of Registrant)

332 E. Scott Street, Port Hueneme, CA 93041

(Address of principal executive offices)

Indicate by check mark whether the Registrant files or will file annual reports under cover of Form 20-F or Form 40-F.
FORM 20-F FORM 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this Form 6-K to be signed on its behalf by the undersigned, thereunto duly authorized.

Stellar Biotechnologies Inc.
(Registrant)

Dated: November 5, 2013

By: /s/ "Kathi Niffenegger"
Kathi Niffenegger
Chief Financial Officer

Exhibits:

99.1 News Release dated November 5, 2013

Stellar Biotechnologies Expands Senior Leadership Roles with Two Key Appointments

PORT HUENEME, CA, (November 5, 2013) -- Stellar Biotechnologies, Inc. ("Stellar" or "the Company") (OTCQB: SBOTF) (TSX-V: KLH), announced today the appointment of two of the Company's senior executives to expanded leadership positions. Kathi Niffenegger, CPA has been appointed Chief Financial Officer and Catherine Brisson, Ph.D. has been appointed Chief Operations Officer. Stellar's board of directors voted unanimously to promote Ms. Niffenegger and Ms. Brisson to strengthen the Company's financial oversight and operational efficiency.

"I am delighted to have Ms. Niffenegger and Dr. Brisson take on broader executive roles within Stellar and leverage their proven successes managing critical areas of our business," said Frank Oakes, President and CEO of Stellar Biotechnologies, Inc. "I look forward to leveraging their leadership to advance the multiple growth opportunities the Company has in sight."

Ms. Niffenegger began working with Stellar in 1999, as outside CPA. She became Controller for Stellar Biotechnologies in 2012 and assumed the role of Corporate Secretary earlier this year. Ms. Niffenegger is a Certified Public Accountant with more than 30 years of experience in accounting and finance in a range of industries. Ms. Niffenegger was previously technical partner in the audit division of Glenn Burdette CPAs, obtained CFO experience at Martin Aviation and began her career at Peat, Marwick, Mitchell & Co. (now KPMG LLP). She held leadership roles for audits of manufacturing, aquaculture, pharmaceutical, and governmental grant clients, and developed specific expertise in cost accounting systems and internal controls. Ms. Niffenegger holds a B.S. degree in Business Administration from California State University, Long Beach.

Mr. Oakes said "Kathi is a seasoned finance executive who has been a key contributor to Stellar Biotechnologies' growth for over fourteen years. We are very fortunate to have a CFO with both her extensive experience and in-depth knowledge of our business, overseeing the financial resources and assets that are vital to our long-term plan."

Dr. Brisson joined Stellar in 2010 as Director of Quality and Regulatory Affairs, and was promoted to Chief Pharmaceutical Officer in 2012. She has more than 20 years of experience in the biotechnology, pharmaceutical and medical device industries with strong expertise and broad scientific and operational understanding in quality assurance, quality control, regulatory affairs, manufacturing, and product development areas. Dr. Brisson has held past positions in both startup and established companies such as MacuSight and Teva Parenteral Products. Dr. Brisson holds a B.S. degree in Chemistry from North Carolina State University and a Ph.D. in Organic Chemistry from the University of North Carolina.

Commenting on Dr. Brisson's elevated role as Chief Operations Officer, Mr. Oakes said, "Catherine brings together pharmaceutical industry experience with a deep understanding of KLH production, quality control and regulatory compliance. She has a progressive vision for ensuring unmatched operations that will support Stellar's immunotherapy customers on multiple fronts, while providing critical input on Stellar's strategic development programs."

About Stellar Biotechnologies, Inc.

Stellar Biotechnologies, Inc. (TSX-V: KLH) (US OTCQB: SBOTF) is the world 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, infectious diseases, and immune disorders) 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 regular updates, enter email at <http://stellarbiotechnologies.com/contact/>

Visit www.StellarBiotech.com and the KLH knowledge base www.KLHSite.com.

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