

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 August 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 _____

 X

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: August 22, 2013

By: /s/ "Kathi Niffenegger"

Kathi Niffenegger

Corporate Secretary

Exhibits:

99.1 News Release dated August 22, 2013

STELLAR BIOTECHNOLOGIES, INC. ANNOUNCES US \$12,000,000 PRIVATE PLACEMENT

PORT HUENEME, CA, (August 22, 2013) -- Stellar Biotechnologies, Inc. ("Stellar" or "the Company") (OTCQB: SBOTF) (TSX-V: KLH), announces its intent to close a private placement of up to 11,428,572 units (the "Units") to raise gross proceeds of up to US\$12,000,000 (the "Private Placement"). Each Unit will have a purchase price of US\$1.05 and will consist of one common share in the capital of the Company and one-half of a transferable share purchase warrant (a "Warrant"). Each whole Warrant will entitle the holder to purchase one additional common share in the capital of the Company at a purchase price of US\$1.35 for a period three years from the date of issuance of the Warrants.

The Private Placement will include a brokered portion to institutional and accredited investors (the "Brokered Offering") and a non-brokered portion (the "Non-brokered Offering"). The Company has retained Newport Coast Securities (the "Agent") as the exclusive placement agent to solicit, on a "best efforts" basis, subscription for the Brokered Offering. In consideration for its services, the Agent will receive a cash fee equal to 7% of the gross proceeds raised by the Agent in connection with the Brokered Offering (or 3.5% of the gross proceeds from excluded investors identified by the Company). The Agent will also receive agent warrants ("Agent Warrants") in an amount equal to 7% of the aggregate number of equity securities sold by the Agent. Each Agent Warrant will be exercisable for a period of three years from the date of issuance into one common share at a price equal to the issue price of the Brokered Offering. The Company will not pay a placement agent fee on the Non-brokered Offering.

The proceeds of the Private Placement will be used for product research, aquaculture and KLH production development, capital expenditures and working capital.

The securities issued will be subject to a hold period of four months and one day. Completion of the Private Placement is subject to the approval of the TSX Venture Exchange.

About Stellar Biotechnologies, Inc.

Stellar Biotechnologies, Inc. (TSX-V: KLH) (U.S. OTC: SBOTF) is the world leader in sustainable manufacture of Keyhole Limpet Hemocyanin (KLH). KLH is an important immune-stimulating protein used in wide-ranging therapeutic and diagnostic markets. KLH operates as both a vital component in many active immunotherapies (targeting cancer, infectious diseases, and immune disorders) as well as an antigen for measuring immune status. Stellar Biotechnologies is unique in its proprietary methods, facilities, and core KLH technology. We are committed to meeting the growing demand for commercial-scale supplies of high-quality 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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Nether 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 these releases.

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