

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 April 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: April 8, 2013

By: /s/ "Darrell Brookstein"

Darrell Brookstein

Director

Exhibits:

99.1 News Release dated April 4, 2013

STELLAR CLOSES PRIVATE PLACEMENT

PORT HUENEME, CA (April 4, 2013) -- Stellar Biotechnologies, Inc. ("Stellar" or the "Company") (OTCQB: SBOTF) (TSX-V: KLH) is pleased to announce that it has closed a non-brokered private placement announced on February 25, 2013, by the issuance of 3,260,000 units at a purchase price of CDN \$0.50 per Unit to raise gross proceeds of CDN \$1,630,000. Each unit consists of one common share in the capital of the Company and one half of a transferable share purchase warrant, each whole warrant entitling the holder to purchase one additional common share in the capital of the Company on or before October 2, 2014, at a purchase price of CDN \$0.75 per share.

In connection with the private placement the Company paid finder's fees to arm's length parties consisting of an aggregate of CDN \$60,000 in cash and non-transferable options exercisable into 120,000 units in the capital of the Company on or before October 2, 2014 at a price of CDN \$0.50 per unit, each unit having the same terms as the units issued in the private placement.

All securities issued by the Company pursuant to the private placement are subject to a hold period of four months and one day and cannot be resold until August 4, 2013.

The proceeds of the private placement will be used for manufacturing equipment purchases, contract research and regulatory filings as well as general working capital.

About Stellar Biotechnologies, Inc. (www.StellarBiotech.com)

Stellar Biotechnologies, Inc. (OTCQB: SBOTF) (TSX-V: KLH) 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. Potent, yet proven safe in humans, KLH operates as both a vital component for conjugate vaccines (targeting cancer, autoimmune, and infectious diseases) as well as an antigen for measuring immune status. Stellar Biotechnologies was founded to address the growing demand for renewable, commercial-scale supplies of high-quality, GMP-grade KLH. Stellar has developed leading practices, facilities and proprietary capabilities to address this need. To receive regular updates, enter email at bottom of http://stellarbiotechnologies.com/investors/news_releases/

Contact Information

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Forward-Looking Statements

The Company's views as of the date of this press release should not be relied upon to represent the Company's views as of a subsequent date. While the Company anticipates that subsequent events may cause the Company's views to change, the Company disclaims any obligation to update such forward-looking statements.

There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Readers should not place undue reliance on such statements. Except in accordance with applicable securities laws, the Company expressly disclaims any obligation to update any forward-looking statements or forward-looking statements that are incorporated by reference herein. This news release does not constitute an offer to sell, or a solicitation of an offer to buy any of the Company's securities set out herein in the United States, or to, or for the benefit or account of, a U.S. Person or person in the United States. Neither 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.