

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 February 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 X 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: February 27, 2013

By: /s/ "Darrell Brookstein"
Darrell Brookstein
Director

Exhibits:

99.1 News Release dated February 25, 2013

STELLAR BIOTECHNOLOGIES ANNOUNCES PRIVATE PLACEMENT

PORT HUENEME, CA (February 25, 2013) Stellar Biotechnologies, Inc. ("Stellar" or the "Company") (OTCQB: SBOTF) (TSX-V: KLH) announces a non-brokered private placement to a group of strategic investors consisting of up to 6,000,000 units (the "Units") at a purchase price of CDN \$0.50 per Unit to raise gross proceeds of CDN \$3,000,000 (the "Private Placement"). Each Unit will consist 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 for a period of eighteen months from the date of issuance, at a purchase price of CDN \$0.75 per share.

The Company may pay a finder's fee to certain arm's length parties in accordance with the policies of the TSX Venture Exchange. Such amounts will be paid either in cash or, at the discretion of the Company, the issuance of securities of the Company.

The securities issued will be subject to a hold period of four months and one day.

Proceeds of the Private Placement will be used for general working capital and research and development expenses.

The Private Placement is subject to approval by the TSX Venture Exchange.

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://stellariotechnologies.com/investors/news_releases/

Contact Information

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- **Darrell Brookstein**
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· Investor Relations:

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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.