

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: May 1, 2013

By: /s/ "Darrell Brookstein"

Darrell Brookstein

Director

**Exhibits:**

**99.1 News Release dated April 30, 2013**



April 30, 2013 09:00 ET

## Stellar Biotechnologies Announces Publication of "Expert Review" Article on Clostridium Difficile Vaccines

PORT HUENEME, CA--(Marketwired - Apr 30, 2013) - **Stellar Biotechnologies, Inc. ("Stellar" or "the Company")** (OTCQB: [SBOTF](#)) (TSX VENTURE: [KLH](#)), the world leader in sustainable manufacture of Keyhole Limpet Hemocyanin (KLH), today announced publication of a peer-review article on Clostridium difficile ("C. difficile") in the current issue of Expert Review of Vaccines (April 2013, Vol. 12, No.4).

C. difficile is a potentially fatal intestinal superbug that is fast emerging as the most common hospital-based infection in the United States. Rates of C. difficile infection are at historic highs due to its resistance to common treatments.

The paper titled "Carbohydrate-based Clostridium difficile Vaccines" was co-authored by scientists from Stellar, the University of Arizona and the University of Guelph (Ontario, Canada). In 2012, Stellar entered into an agreement with the University of Guelph for the exclusive option to license technology for the development of a vaccine candidate against C. difficile. The Company is currently evaluating KLH-conjugate vaccine candidates in preclinical studies.

The article describes biochemical characteristics of C. difficile that support the University of Guelph's carbohydrate-based vaccine approach to potential C. difficile treatment. The strategy utilizes Stellar KLH as a carrier/adjuvant for C. difficile PSII polysaccharide and the article recapped the team's preclinical work demonstrating PSII/KLH conjugation, vaccine immunogenicity, and KLH as an adjuvant to stimulate intestinal immunity.

Vaccines composed of C. difficile polysaccharides and KLH represent promising next-generation treatments for this formidable disease.

### About Clostridium difficile

C. difficile is a type of bacteria normally present in the intestine, but which can overgrow as a result of antibiotic use and cause severe diarrhea and life-threatening intestinal colitis. C. difficile is a major and growing cause of mortality and morbidity in hospitalized patients, accounting for up to 20,000 hospital deaths each year in the United States.

The cost of C. difficile-related treatments in the U.S. and European countries is estimated at more than \$7 billion a year. The recent spread of hyper-virulent strains of C. difficile underscore the importance of developing novel approaches to preventing and treating the disease. Read more at: <http://www.cdc.gov/Features/Vitalsigns/HAI/>

### About Stellar Biotechnologies, Inc.

**Stellar Biotechnologies, Inc.** (OTCQB: [SBOTF](#)) (TSX VENTURE: [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/](http://stellarbiotechnologies.com/investors/news_releases/)

Visit [www.StellarBiotech.com](http://www.StellarBiotech.com) and the KLH knowledge base [www.KLHSite.com](http://www.KLHSite.com).

**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 accepts responsibility for the adequacy or accuracy of these releases.

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