

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 2012

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: April 25, 2012

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

**Exhibits:**

**99.1 News Release dated April 25, 2012**

**Stellar Biotechnologies Launches KLH Site™**  
**First Informational Website Dedicated to Keyhole Limpet Hemocyanin (KLH)**

PORT HUENEME, CA, (April 25, 2012) -- Stellar Biotechnologies, Inc. ("Stellar") (TSX-V: KLH) (PINKSHEETS: SBOTF) (Frankfurt: RBT) announced today the launch of KLH Site™ at [www.klbsite.com](http://www.klbsite.com), the first website dedicated to scientific and clinical information on the use of Keyhole Limpet Hemocyanin (KLH) protein.

KLH Site™ is a knowledge base that provides KLH information from around the world, in one convenient place. KLH site™ offers links to biomedical literature and clinical studies, news of KLH-enhanced vaccine development, and useful information on KLH biochemistry and manufacture.

The website centralizes access to the wide-ranging, publicly-available clinical and scientific information that exists on the use of KLH. KLH Site™ will be continuously refreshed with new content as references, research and news become available.

KLH Site™ is sponsored by Stellar Biotechnologies, the world leader in sustainable manufacture of KLH protein. The website targets professionals in immunology, immunotoxicology and vaccine drug development who use KLH as an antigen to assess immune function or as a carrier molecule in therapeutic vaccines.

“KLH is so integral to immunology that the amount of information on its use is vast and growing rapidly,” said Frank Oakes, CEO and President of Stellar Biotechnologies. “We created KLH Site™ not only as a convenience to medical and science professionals, but also to assist in identifying trends and data across extensive and diverse KLH-related work.”

Visit KLH Site™ at [www.klbsite.com](http://www.klbsite.com).

**About Stellar Biotechnologies, Inc.**

Stellar Biotechnologies, Inc. (TSX-V: KLH) (U.S. OTC: SBOTF) (Frankfurt: RBT) 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/)

**Contacts:**

Darrell Brookstein, Executive VP, Corporate Development & Finance  
[dbrookstein@stellarbiotech.com](mailto:dbrookstein@stellarbiotech.com)

Frank Oakes, Chairman  
[foakes@stellarbiotech.com](mailto:foakes@stellarbiotech.com)

Main +1 (805) 488-2800

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