

March 10, 2015



# First FDA Breakthrough Therapy Designation for KLH-Conjugate Immunotherapy Signals Key Step for Novel Carrier Molecule

PORT HUENEME, CA -- (Marketwired) -- 03/10/15 -- Stellar Biotechnologies, Inc. ("Stellar" or "the Company") (OTCQB: SBOTF) (TSX VENTURE: KLH), the leader in sustainable manufacture of Keyhole Limpet Hemocyanin ("KLH") is encouraged that the U.S. Food and Drug Administration (FDA) has granted Breakthrough Therapy Designation for a KLH-based immunotherapy compound in the treatment of adult patients with EGFRvIII-positive glioblastoma being developed by Celldex Therapeutics, Inc.

This important designation by the FDA is a first for a KLH-based immunotherapy. Stellar KLH™ is not being used by Celldex, however, there are a number of KLH-conjugate immunotherapies that are currently in clinical trial development in the U.S., Europe, or Asia for a variety of disease indications including cancers, autoimmune disorders, Alzheimer's, and inflammatory diseases, which are using Stellar KLH™.

"We believe this represents an important validating event for the KLH-conjugate approach in immunotherapy," said Frank Oakes, President and CEO of Stellar Biotechnologies. "This fast track designation provides a positive signal from the FDA for companies developing immunotherapies that use the KLH molecule as a carrier protein component."

Stellar developed the proprietary ability to sustainably produce KLH while protecting its natural marine source and the Company is strategically focused on ensuring long-term, scalable supply of this essential molecule for pharmaceutical use. Stellar believes that, should the pipeline of KLH-based immunotherapies lead to approved new drug products, the Company will be positioned to take advantage of the emerging KLH market opportunity.

Read more about KLH at: <http://www.klhsite.org/>

Learn about Stellar Biotechnologies' sustainable KLH manufacturing advantage: <http://www.stellarbiotechnologies.com/stellar-klh/sustainable-advantage>

## ***About Stellar Biotechnologies, Inc.***

Stellar Biotechnologies, Inc. (OTCQB: SBOTF) (TSX VENTURE: KLH) is the leader in sustainable manufacture of Keyhole Limpet Hemocyanin (KLH), an important immune-stimulating protein used in wide-ranging therapeutic and diagnostic markets. KLH is both an active pharmaceutical ingredient (API) in many new immunotherapies (targeting

cancer, immune disorders, Alzheimer's and inflammatory diseases) as well as a finished product for measuring immune status. Stellar Biotechnologies is unique in its proprietary methods, facilities, and KLH technology. We are committed to meeting the growing demand for commercial-scale supplies of GMP grade KLH, ensuring environmentally sound KLH production, and developing KLH-based active immunotherapies.

Visit [www.stellarbiotech.com](http://www.stellarbiotech.com) and the KLH knowledge base [www.KLHsite.org](http://www.KLHsite.org).

### **Forward Looking Statements**

*This press release may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements may be identified by the use of words such as "anticipate," "believe," "plan," "estimate," "expect," "intend," "may," "will," "would," "could," "should," "might," "potential," or "continue" and variations or similar expressions. Readers should not unduly rely on these forward-looking statements, which are not a guarantee of future performance. There can be no assurance that forward-looking statements will prove to be accurate, as all such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause actual results or future events to differ materially from the forward-looking statements. Such risks include, but may not be limited to: general economic and business conditions; technology changes; competition; changes in strategy or development plans; governmental regulations and the ability or failure to comply with governmental regulations; the timing of anticipated results; and other factors referenced in the Company's filings with securities regulators. For a discussion of further risks and uncertainties related to the Company's business, please refer to the Company's public company reports filed with the TSX Venture Exchange and the U.S. Securities and Exchange Commission. All forward-looking statements are made as of the date hereof and are subject to change. Except as required by law, the Company assumes no obligation to update such statements. This press release does not constitute an offer or solicitation of an offer for sale of any securities in any jurisdiction, including the United States. Neither 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 the information contained in this press release.*

Source: Stellar Biotechnologies, Inc.