



Long Island Bioscience Hub Announces Additional Funded Projects

*Innovative phase-0 proof-of-concept center continues advancement
of commercially promising biomedical innovations*

STONY BROOK, N.Y. – June 6, 2017 - The [Center for Biotechnology](#) at Stony Brook University, on behalf of the [Long Island Bioscience Hub](#) (LIBH), announced the recipients of the fourth round of funded projects under the Hub’s technology development and commercialization initiative. Funding for five projects totaling \$400,000 has been awarded to applicants from the Hub’s partner institutions. Partner institutions include Stony Brook University, Cold Spring Harbor Laboratory, Brookhaven National Laboratory, and the Feinstein Institute for Medical Research at Northwell Health. Over the last two years, more than \$2.5M has been awarded to further the development of commercially promising technologies.

There are two categories of awards under the LIBH funding initiative – Feasibility and Proof-of-Concept. “Feasibility awards” are funded at up to \$50,000 and designed to rapidly test the feasibility of new ideas in a “fail-fast-or-proceed” format, or to add value to existing intellectual property leading to new market applications. Proof-of-Concept awards provide up to \$100,000 for targeted, milestone driven support for further development, testing, and analysis of existing intellectual property.

In this cycle, two feasibility awards have been given to Stony Brook University researchers exploring technologies that include a novel anti-fungal for life threatening blood infections and a new computational method for macrocyclic drug discovery. Proof-of-Concept projects this cycle include a drug-sensitive and drug-resistant TB combination therapy, a novel therapeutic for the treatment of colorectal cancer, and a next-generation medical imaging tool with applications in mammography.

“While the Long Island Bioscience Hub is only two-years in existence, it has already had major impacts including the establishment of four companies.” said Clinton T. Rubin, Ph.D., Distinguished Professor, Chair, Department of Biomedical Engineering, and Director, Center for Biotechnology. “Additionally, this round of funding further enhances the LIBH-REACH pipeline that already has resulted in eight patent applications, five options/licenses and more than forty SBIR/STTR applications related to REACH technologies and small business clients.”

“I applaud the efforts of the Long Island Bioscience Hub as they continue to draw out the cutting edge biomedical innovations that exist within our research labs and their work with faculty innovators and the local bioscience community to accelerate commercial development.” said Dr. Richard Reeder, Vice President for Research at Stony Brook University. “Stony Brook University is deeply committed to the translation of basic research and the Hub’s successes demonstrate that we need to continue to foster the activities of the Hub.”

The technology development awards made available by the LIBH are specifically aimed at growing a pipeline of commercially promising biomedical technologies that can be out-licensed for further development or serve as the foundation for new company formations in the region. The main goal of the LIBH is to foster the development of therapeutics, preventatives, diagnostics, devices and research tools emerging from LIBH partner institutions that address diseases within the NIH's mission.

Funded Projects –May 2017 Awards

“A Small Molecule Drug for the Treatment of Systemic Candidiasis” Nicolas Carpino, PhD and Jarrod French, Stony Brook University – Feasibility Award

“BRIKARD, a Program for Macrocyclic Drug Discovery” Evangelos Coutsiadis, PhD, Stony Brook University - Feasibility Award

“Selenium multi-Well Avalanche Detectors for Medical Imaging Applications” Amirhossein Goldan, PhD, Stony Brook University – Proof of Concept Award

“Developing Novel miR-129 Mimic Based Therapeutics for Colorectal Cancer” Jingfang Ju, PhD, Stony Brook University – Proof of Concept Award

“Azasteroid for Combination anti-TB Therapy” Nicole Sampson, PhD, Stony Brook University – Proof of Concept Award

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About the Long Island Bioscience Hub

The Long Island Bioscience Hub, a National Institutes of Health-designated Research, Evaluation, and Commercialization Hub, represents a partnership between the Center for Biotechnology, Stony Brook University, Cold Spring Harbor Laboratory and Brookhaven National Laboratory and the Feinstein Institute for Medical Research to commercialize biomedical innovations emerging from the partner institutions. In addition to the support provided by NIH and the partner institutions, the Long Island Bioscience Hub is supported by Empire State Development and The Research Foundation for SUNY. Together, the Center for Biotechnology and Long Island Bioscience Hub represent a significant opportunity to expand technology commercialization and company formation in the region and throughout New York State.

About the Center for Biotechnology at Stony Brook University

Established in 1983, the Center for Biotechnology (CFB) at Stony Brook University is an Empire State Development Division of Science, Technology and Innovation (NYSTAR) Center for

Advanced Technology. The CFB's programs specifically target the development and commercialization of biomedical based technologies and critical components and staff of the LIBH will be supported by the CFB.

About Stony Brook University

Stony Brook University is going beyond the expectations of what today's public universities can accomplish. Since its founding in 1957, this young university has grown to become one of only four University Center campuses in the State University of New York (SUNY) system with more than 25,700 students, 2,500 faculty members, and 18 NCAA Division I athletic programs. Our faculty have earned numerous prestigious awards, including the Nobel Prize, Pulitzer Prize, Indianapolis Prize for animal conservation, Abel Prize and the inaugural Breakthrough Prize in Mathematics. The University offers students an elite education with an outstanding return on investment: U.S. News & World Report ranks Stony Brook among the top 40 public universities in the nation. Its membership in the Association of American Universities (AAU) places Stony Brook among the top 62 research institutions in North America. As part of the management team of Brookhaven National Laboratory, the University joins a prestigious group of universities that have a role in running federal R&D labs. Stony Brook University is a driving force in the region's economy, generating nearly 60,000 jobs and an annual economic impact of \$4.65 billion. Our state, country and world demand ambitious ideas, imaginative solutions and exceptional leadership to forge a better future for all. The students, alumni, researchers and faculty of Stony Brook University are prepared to meet this challenge.