



LifeSciences
SOUTH FLORIDA

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Accelerating and Enhancing the Drug Discovery Process

with Dr. Richard A. Houghten
Torrey Pines Institute for Molecular Studies



Webinar Date:

February 18, 2014 from
12:30–1:30p.m.

Webinar Log-in:

Copy and paste the link below
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<https://connect.fiu.edu/lssfFeb14/>

RSVP by :

February 17, 2014 to Iris Perez
[online](#) or at iperez@fiu.edu

- **SCIENCE**

Mastering science-based skills to create a
prosperous and engaging future

- **COMMUNITY**

Utilizing knowledge and skills gained to
revitalize and enrich the community

- **ENGAGEMENT**

Expanding your knowledge of the latest
breakthroughs in science and technology

- **FUTURE**

Enriching the South Florida community
through science-based student engagement

Topic:

Over many years, the Torrey Pines Institute for Molecular Studies has generated very large mixture-based combinatorial libraries that are systematically arranged allowing for the screening of these libraries in assays that are limited by their throughput. Essentially, these libraries allow for high throughput screening of millions of compounds in virtually any assay as the number of samples required to be screened is exponentially lower. The concepts of how such libraries are synthesized, screened and deconvoluted to identify individual compounds will be described.

Speaker:

Dr. Richard A. Houghten, is the founder and president of Torrey Pines Institute for Molecular Studies. Previously he held positions at the University of California San Francisco, Mount Sinai School of Medicine and The Scripps Research Institute. Dr. Houghten has received numerous awards and honors, including the Bruce Merrifield Award, the Ralph F. Hirschmann Award, the Vincent du Vigneaud Award and the UCSD Connect Athena Pinnacle Award. He is a member of BioFlorida, Chairman of the Board for the St. Lucie County Economic Development Council and a fellow of the American Association of Pharmaceutical Scientists, the National Academy of Inventors and just recently the American Association for the Advancement of Science.

Company Description:

Founded in 1988, Torrey Pines Institute for Molecular Studies is a research center dedicated to conducting basic research to advance the understanding of human disease and the improvement of human health. It fosters an innovative research environment, believing that multidisciplinary and collaborative approaches accelerate the discovery process. The Institute has become internationally recognized for its scientific contributions in a wide range of fields, including chemistry, multiple sclerosis, diabetes, immunology, infectious disease, heart disease, cancer vaccines and pain management.