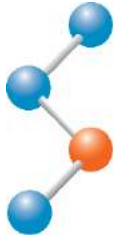


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THE SCRIPPS RESEARCH INSTITUTE

*Accelerating Discoveries, Saving Lives*



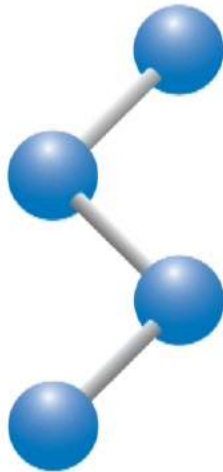
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## *Our Mission*

- To enhance human health through biomedical research and drug discovery (*in other words – discovering medicines*)
- To provide the highest quality graduate science education and post graduate training





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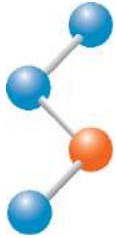


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## *What Is Needed to Be a World-Class Discovery Institute?*

- Brilliant biologists and chemists
- Culture and environment that fosters collaboration among them
- State-of-the-art technology



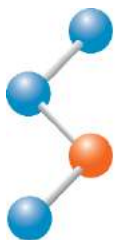
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## *Our Beginnings*

- 2003 – FL Governor Jeb Bush and Scripps CEO Richard Lerner announce the creation of Scripps Florida
- 2009 – Jupiter campus opens
- 2013 – Scripps Florida celebrates 10<sup>th</sup> anniversary





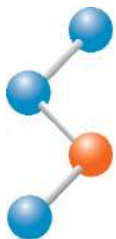
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## *Personnel*

- More than 50 renowned scientists at the forefront of their fields
- 150 postdoctoral fellows and 50 graduate students
- More than 600 employees in total





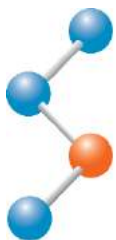
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## *Scripps Departments*

- Chemistry
- Immunology and Microbiology
- Integrative Structural and Computational Biology
- Molecular Medicine
- Neuroscience





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## *Building A*

- Drug Discovery
  - Ultra High-Throughput Screening
  - Medicinal Chemistry
  - Pharmacology
- Molecular Therapeutics
- Department of Chemistry





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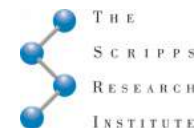
## *High Throughput Screening*

- Molecular Screening Center is one of only a handful of such centers worldwide
- Robot capable of screening 1,000,000 compounds per day for potential drug candidates
- An in-house library of over 600,000 compounds available for screening assays

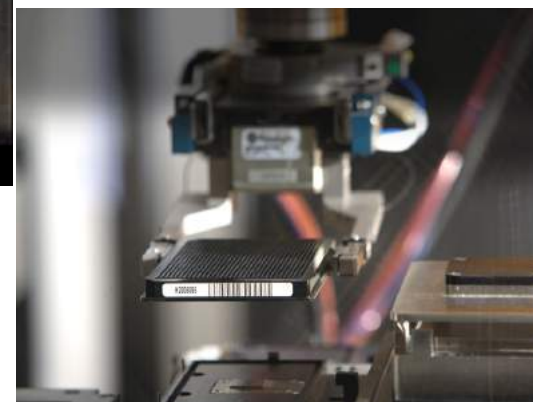


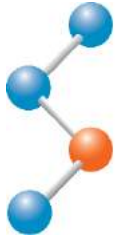


One of five in the world, it is the only instrument of its kind in academia



Capable of testing up to one million potential drug candidates in 24 hours





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## *Building B*

- Advanced Technologies
- Graduate Education
- Metabolism and Aging



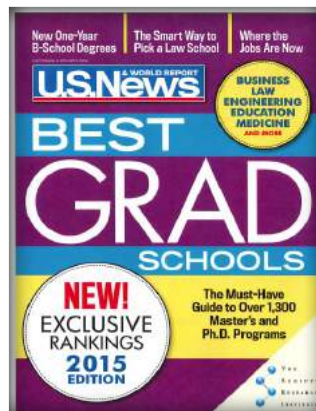


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## *Education at Scripps Florida*

- Top-ranked PhD program for graduate studies in biology and chemistry
- Activities and programs for K-12 students and teachers
- Kenan Summer Intern Program for high school students and undergraduates

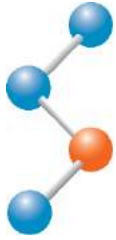


Among the leading research institutes in the U.S., Scripps Research graduate program is ranked:

- 2nd in Biochemistry
- 6th in Organic Chemistry
- 7th overall in Chemistry
- 9th overall in Biological Sciences



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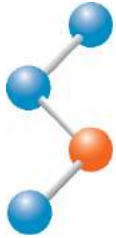
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## *Building C*

- Biomedical Research
  - Infectious Disease
  - Neuroscience
  - Cancer Biology



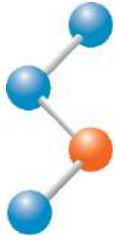


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## *Accomplishments to Date*

- Nearly \$500 million in external grant funding
- Over 100 foreign and domestic patent applications filed
- Collaborative projects with every Florida research university including dual MD/PhD program with Florida Atlantic University
- Influenced other biomedical research institutes to come to Florida, including Germany's Max Planck Society.
- Six spin off companies created

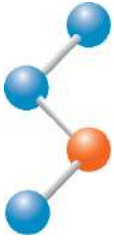


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## *Scripps Awards and Rankings*

- Faculty distinction
  - 2 Nobel Laureates
  - 18 members U.S. National Academy of Science
  - 9 members U.S. National Institute of Medicine
- Faculty productivity (based on science citation index)
  - 1st in Chemistry                      1st in Biophysics
  - 2nd in Immunology                  7th in Biochemistry
- NIH grant awards
  - >\$450 million in NIH grant funding
  - 6th among all U.S. academic institutions

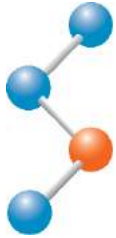


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## *Diseases*

- Addiction
- Aging
- Alcoholism
- ALS
- Alzheimer's
- Autism
- Autoimmune Disease
- Breast Cancer
- Cancer
- Childhood Diseases
- Depression
- Diabetes
- Glaucoma
- Heart Disease
- Hepatitis
- HIV/AIDS
- Infectious Diseases
- Kidney Diseases
- Lupus
- Macular Degeneration
- MS
- Obesity
- Parkinson's
- Schizophrenia
- Spinal Cord Injury
- Stroke

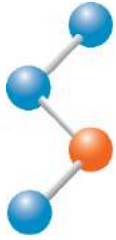


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## *Life-Saving Breakthroughs from Scripps*

- Leustatin<sup>®</sup>, anti-leukemia drug
- Humira<sup>®</sup>, which relieves crippling rheumatoid arthritis
- Benlysta<sup>®</sup>, first new lupus therapy to show efficacy in 50 years
- Ozanimod, most advanced new oral MS therapy in development
- Other novel therapeutics
  - Purified form of Factor VIII (hemophilia)
  - Surfaxin<sup>®</sup> (respiratory distress syndrome)
  - Cyramza<sup>®</sup> for gastric and non-small cell lung cancer
  - Unitoxin<sup>™</sup> for the childhood cancer neuroblastoma



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## *Much More to Come...*

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# Thank you!