Scripps Florida
Overview and Status Update

7 November 2011

Harry W. Orf, PhD
Vice President for Scientific Operations
and Professor of Chemistry
Scripps Florida
Scientific Organization of Scripps Florida

Academic and Support Cores Under Interdisciplinary Themes

Biomedical Research
- Cancer Biology
- Chemistry
- Infectology
- Metabolism and Aging
- Molecular Therapeutics
- Neuroscience

Advanced Technologies
- Genomics
- Proteomics
- Cell Based Screening
- Ultra HTS and MLPCN
- Informatics and HPC
- NMR, Chem and Bio
- Macromolecular X-Ray
- Flow Cytometry
- Rodent Behavior
- Fermentation Core

Drug Discovery
- Medicinal Chemistry
- Pharmacology
- Toxicology
- DMPK

Translational Research Institute (TRI)
Scripps Research Institute - 2011. All rights reserved.
EDUCATION

FAU Medical School
Joint MD/PhD Program
With Scripps
Accredited Feb 2011
Over 2000 Applicants

Ph.D. Graduate Program in Chemistry and Biology
46 GS’s, 7 PhD’s

Post Doctoral Research
140 PD’s in FL

K-12 Education and Community Outreach
Full Engagement with the Education System

Building relationships with Universities and Research Institutions around the state, as well as the K-12 School System, in order to enhance and advance bioscience programs at all levels of education.
Scripps Florida – By The Numbers

• Over 400 staff, 40 faculty and directors, and growing!
  75.1% of non-PhD jobs to FL Residents

• Total non-State $ awarded to date: $221.3 million
  Sep 2011 Annual Milestone: $3.8 million  Actual: $40.7 million

• 42 verified academic collaborations - every FL research univ. involved

• 68 patents filed with 47 technology licenses issued

• Over 30 therapeutic candidates in product development pipeline

• 4 start-up companies created, 10 others expanded or relocated to FL

• 46 graduate students with 7 PhD’s awarded
  US News & World Report 2010 Graduate School Rankings

• K-12 educational programs brought to over 8000 PB County students
  with 100+ summer HS student and teacher research internships
Scripps Florida – Scientific Milestones

• Named 1 of only 4 NIH National Screening Centers ($80+ million)
  First w/clinical trial – MS drug that halts disease progression

• Recipient of first national NIH drug development grant ($7.6 million)
  Parkinson’s drug candidate – entered clinical trials Feb 2011

• 2011 Grant Highlights
  $8.2 million NIH grant w/Penn for tobacco addiction treatments
  $3.2 million NIH grant for circadium rhythm studies
  $3 million NIH grant for learning and memory studies
  $2.3 million NIH grant for obesity treatment studies
  $2 million NCI grant w/Moffitt to study prostate cancer
  $2.3 million NIH grant for new treatment of drug addiction

• 2011 Research Highlights
  New memory gene discovered
  New serotonin pathway – link to schizophrenia and depression
  Groundbreaking technology to detect Alzheimer’s Disease
  Key Hepatitis C interaction discovered
Scripps Florida – Economic Impact
For FY Ending 30 Sep 2010

GDP Impact to FL:  $40.2 million ($13.2 million direct)
Jobs Created:  290 (69 direct)

Source:  Scripps Florida Funding Corporation
2010 Annual Report, Appendix 1

Un-measurable........

On 3/7/11 9:45 AM, "Herbert Weissbach" <hweissba@fau.edu> wrote:

Hi Harry,
Late last week I learned that my RO3 grant will be funded which will permit me to use your HTS facility to look for activators of MsrA, the enzyme we have been interested in. I wanted to let you know that Peter Hodder was enormously helpful and that I question whether I would have received the grant without his assistance. It's wonderful to have a collaboration with you folks.

Herb