

Evans Center Research Retreat

Combined with DOM Centennial Celebrations

Friday, October 5, 2012;650 Albany St. X714 /715

8:00-8:30 Light Breakfast and Registration

8:30-8:40 Introductory notes, **Katya Ravid**, Evans Center Director, and **David Coleman**, Chair, Department of Medicine
--Announcement of a New Award--

8:40-9:25 Rudolph Jaenisch, Professor of Biology, Whitehead Institute, MIT *"Cellular reprogramming: are we on the brink of treating Parkinson, Diabetes and other diseases? Facts, hypotheses, unresolved issues"*

9:30-11:00 10-minute presentations by **Evans Center ARC Directors** (8 presentations): *"Milestones in Interdisciplinary Research and Discovery"*

NANOTHERANOSTICS Application to Cardiovascular Disease

Speaker: Victoria Herrera, Ph.D.

Titles Professor of Chemistry, Professor of Medicine

"Multi-Modal Nanotheranostic Designs – *addressing the 1%*"

MECHANISMS AND TREATMENT OF ARTERIAL STIFFNESS

Speaker: Richard A. Cohen, M.D.

Titles Professor of Medicine, Pharmacology and Experimental Therapeutics

MITOCHONDRIA in health and disease

Speaker: Steven C. Borkan, M.D.

Titles: "Mito ARC: The most oxygen consumptive ARC on Earth"

OBESITY, CANCER AND INFLAMMATION

Speaker: Lynn Moore, DSc, MPH

Titles Associate Director, Medical Nutrition Sciences; Associate Professor of Medicine, Preventive Medicine & Epidemiology

SEX DIFFERENCES IN ADIPOSE TISSUE BIOLOGY: MECHANISMS AND ROLE IN DISEASE RISK ASSOCIATED WITH OBESITY

Speaker: Susan K. Fried, Ph.D., Professor of Medicine/Section of Endocrinology, Diabetes and Nutrition

Titles "The biology of pear shape"

CALCIUM HOMEOSTASIS : Leads to Parkinson Disease

Speaker: Victoria M. Bolotina, PhD

Titles: "Defects in calcium signaling: good, bad, or ugly?"

PROTEIN TRAFFICKING AND NEURODEGENERATIVE DISEASES: ALZHEIMER DISEASE AS A FIRST MODEL SYSTEM

Speaker: Lindsay Farrer, PhD

Titles: "Candidate Gene Study in the Endosome-to-Golgi Retrieval Pathway Reveals Association of Retromer Genes with Alzheimer Disease"

BOSTON UNIVERSITY iPS BANK

Speaker: George Murphy, PhD

Titles: "Expansion, Diversification, and Practical Application of the ARC-funded BU iPS Cell Bank"

11:15-12:10 Round Table Discussions

[ARC Directors will be divided to two large tables: 30 min with **Rudolph Jaenisch and 30 min to discuss "potentially new ideas (at practical and research levels) to survive in budget crisis; other topics (Jaenisch will spend 30 min with each group)**

Round Table Discussions by and for faculty and trainees.

Topics selected by trainees.

1. I Got My PhD ... Now What? (Moderated by Lauren Celano)
2. The Post Doc Experience: How to Find a Mentor and Get the Position (Moderated by Dr. Andrew Henderson)
3. Business and Science (Moderated by Drs. Carl Franzblau and Abdul Traish)
4. Mentors and Mentees: What to expect (Moderated by Drs. Bennett Goldberg and Gerald Denis)
5. From Bench to Bedside: What do we mean by translational research? (Moderated by Dr. William Cruikshank)
6. Balancing Family and Academics (Moderated by Drs. Emelia Benjamin and Maria Ramirez)

12:10-12:45 Festive Lunch