



University of Pennsylvania
Division of Gastroenterology



The Center for Molecular Studies in Digestive and Liver Diseases

Quarterly Newsletter

Volume 1 Issue 2

April 2007

8th Annual Conference and Retreat

"Gut-brain-adipose interplay in health and disease"

Co-Sponsored by: The Institute for Diabetes, Obesity and Metabolism



Date: Monday, April 23, 2007

Location: The Inn at Penn, Woodlands Ballroom
3600 Sansom Street
Philadelphia, PA

On the Agenda

Michael Camilleri, MD

Professor of Medicine and Physiology
Mayo Clinic College of Medicine
"Gut Peptides and Obesity"

Linda Greenbaum, MD

Assistant Professor of Medicine
University of Pennsylvania School of
Medicine
*"Pathophysiology of Non-alcoholic Fatty
Liver Disease"*

Andrew S. Greenberg, MD

Professor of Medicine
Tufts-New England Medical Center
*"The Role of Adipose Tissue Inflam-
mation and Obesity-associated
Complications"*

George Kunos, MD, PhD

Director, Division of Intramural Clinical
and Biological Research
National Institutes of Health
*"Endocannabinoids and Energy Homeo-
stasis"*

Daniel J. Rader, MD

Professor of Medicine, Pharmacology,
and Pathology and Laboratory Medicine
University of Pennsylvania School of
Medicine
*"Lipoprotein Dysregulation in the
Metabolic Syndrome"*

Kendra Bence, PhD

Assistant Professor of Neuroscience
University of Pennsylvania School of
Veterinary Medicine
*"Protein-tyrosine Phosphatase 1B
(PTP1B) in Obesity and Insulin
Sensitivity: Mind over Matter?"*

Daniel T. Stein, MD

Associate Professor of Medicine
Albert Einstein College of Medicine
"Fatty Acid Regulation of Insulin"

Gary Foster, PhD

Professor of Medicine and Public
Health
Temple University School of Medicine
"Treatment of Obesity"

Symposium continued...

* Registration and a Continental Breakfast will begin promptly at 7:30am

* Welcome remarks will begin at 8:30am

*Lunch and Poster Session is from 12:00pm to 1:30pm

* Adjourn 3:00pm



Register online at: <http://www.uphs.upenn.edu/moleculr/Symposium/register.html>

Information about the Center for Molecular Studies in Digestive and Liver Diseases and the Division of Gastroenterology can be found at:

<http://www.uphs.upenn.edu/moleculr>

Information about the Institute for Diabetes, Obesity, and Metabolism can be found at:

<http://www.med.upenn.edu/idom/>

Cell Culture Core Training



Richard Carroll, Technical Director of our Cell Culture Core will be offering a second round of training courses for any interested Center lab members. We encourage everyone to use this (there is no fee involved). Below is an outline of the course and the available dates. Please contact Richard at grichard@mail.med.upenn.edu to register. He envisions 2 or 3 people per session.

Outline

- A. Basic Sterile Technique
- B. Medium Preparation
- C. Heat-Inactivation of Serum
- D. Cell Counting and Viability Using a Hemocytometer
- E. Passaging of Adherent Cells
- F. Thawing and Cryopreservation to Cells

Available Dates

1. Tuesday April 17, 1-3 PM.
2. Wednesday May 16, 1-3 PM.
3. Tuesday June 12, 1-3 PM.

Research Seminar Series

Spring 2007 Schedule

April

- 5 Iraimoudi S. Ayene, PhD**
Lankenau Institute for Medical Research
"Oxidative Pentose Phosphate Cycle Control of Protein Thiol Homeostasis during Oxidative Stress"
- 12 Garrett Brodeur, MD**
Children's Hospital of Philadelphia
"Trk Expression and Inhibition in Human Neuroblastomas"
- 19 Ann Hubbard, PhD**
Johns Hopkins University
"Membrane Protein Trafficking in Polarized Epithelial Cells"
- 26 Gyongyi Szabo, MD, PhD**
University of Massachusetts Medical School
"Subversion of Innate Immunity in Chronic HCV Infection"



May

- 3 Matthew Myerson, MD, PhD**
Harvard Medical School
"Genomic Studies of Human Cancer"
- 10 Andrea Cuconati, PhD**
Pennsylvania Biotechnology Center
"Novel Small Molecule Inhibitors of Hepatitis B Virus Antigen Secretion"
- 17 DDW Rehearsal**
- 24 DDW**
- 31 D. Brent Polk, MD**
Vanderbilt University School of Medicine
"Cytokine Regulation of Intestinal Epithelial Cell Survival and Repair: Must EGFR Do All the Work?"

Research Seminar continued:

June

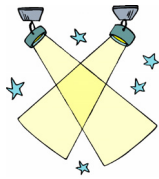


- 7 Philip R. Johnson, MD**
Children's Hospital of Philadelphia
"AAV Vectors for Gene Transfer"
- 14 Yuri Sykulev, MD, PhD**
Thomas Jefferson University
"On the Sensitivity of CTL Responses"
- 21 Narayan G. Avadhani, PhD**
UPenn School of Veterinary Medicine
"Mitochondrial Respiratory Stress Induced Metabolic Shift and Cell Proliferation in Tumor Cells"
- 28 Kathleen Loomes, MD**
Children's Hospital of Philadelphia
"The Role of the Notch Pathway in Bile Duct Growth and Development"

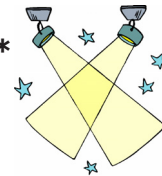
Research Seminars are Thursdays, 12:00pm-1:00pm in 702 CRB unless otherwise indicated.

****Please contact Daphnie Jolly at 215-898-0161 or djolly@mail.med.upenn.edu with any questions****

For more information, please visit our website at: www.uphs.upenn.edu/moleculr/seminar.htm



Spotlight on Shukriyyah Mitchell*



Shukriyyah Mitchell joined the Morphology Core as an entry-level technician in February of 2004. Shukriyyah, who holds a B.S in Biology from Philadelphia University, quickly mastered tissue sectioning, cryo-sectioning and histological staining. Within a year she was promoted to Research Specialist and began doing immunohistochemical experiments and microscopic imaging for client laboratories. In over three years with us Shukriyyah has never raised her voice in anything but laughter! She has made the many, many users of the Core feel welcome, has trained dozens of clients in immuno techniques and imaging and has generally proven herself an indispensable member of our Team. Outside of work she volunteers her time in Public Service and is particularly active with the Lupus Foundation. Shukriyyah enters the Bachelor in Nursing program at the Penn School of Nursing in the Fall of 2007 to pursue her life-long dream. The good news for the Morphology Core is her intention to continue working with us part-time!

***We will be highlighting a member of our Core staff each issue.**