School of Medicine
TEMPLE UNIVERSITY®

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TEMPLE UNIVERSITY®

Opening Celebration

Temple University School of Medicine's New Medical Education and Research Building

October 29–31, 2009

Temple University President Ann Weaver Hart,
Dean John Daly and the Board of Trustees
Invite You to an Historic Event:

October 29–31, 2009

Temple University School of Medicine
3500 North Broad Street
Philadelphia, PA 19140

Opening Celebration

The Opening of Temple University School of Medicine's New Medical Education and Research Building

Insights and Innovations in Biomedical Research

Thursday, October 29, 2009

8–8:30 AM Coffee/Registration

8:30–11:30 AM Series I AIDS Session

Luo Auditorium, 2 CME credits

The Challenge of Curing HIV–Roger Pomerantz, MD
HIV/AIDS: Progress, Pitfalls and Promise–Ellen Tedaldi, MD
Genetic Variation, Transcription and HIV Disease–Brian Wigdahl, PhD
Altered Monocyte/Macrophage Homeostasis in AIDS and NeuroAIDS–Tracy Fischer–Smith, PhD

Series II Cancer Session

Lachman Auditorium, 2.75 CME credits

Cancer as an Organ System: The Tumor Microenvironment–John Niederhuber, MD
Targeting the Cell Cycle Machinery for Cancer Therapy–E. Premkumar Reddy, PhD
The Comprehensive Neuro–Oncology Center: Challenges and Opportunities–Ray Sawaya, MD
Protein Toxin Conjugates for Brain Tumor Therapy–Douglas Laske, MD

11:30–12:30 PM Keynote Address (non-CME)

Shirley Tilghman, PhD '75 – President, Princeton University

CME accredited

12:30–2 PM Lunch and Poster Session, Stone Commons (non-CME)

2–5 PM Series I Neuroscience Session

Luo Auditorium, 3 CME credits

Multipotential Progenitor Cells from the Human Brain: Differentiation Predicts Viral Susceptibility–Eugene Major, PhD
Synthetic Cannabinoids as a Potential Therapy for Central Nervous System Injury–Ronald Tuma, MD
The Involvement of Inflammatory Cytokines of Central and Peripheral Nervous System–Richard Miller, PhD
Neural Stem Cells Interactions with the Immune System–Steve Goldman, MD, PhD
State of the Art Functional Neuroradiology–Today and Tomorrow–Scott Faro, MD

Series II Cardiovascular Session

Lachman Auditorium, 3 CME credits

Calcium Mediated Cardiac Injury and Repair–Steven Houser, PhD
Novel Roles for G Protein–Coupled Receptor Kinases in Heart Failure–Walter Koch, PhD
PKCalpha as a Heart Failure Target–Jeffrey Molkentin, PhD
Cardiac Regeneration–Piero Anversa, MD
How to Make a Heart: Towards Regenerative Cardiovascular Medicine–Ken Chien, MD, PhD

5–6:30 PM Poster Session and Wine/Cheese Reception, Second Floor (non-CME)

See pages 8 and 9 for course details.

Schedule of Events

Ribbon Cutting Ceremony

Friday, October 30, 2009

10 AM — Ribbon Cutting Ceremony

11 AM—1 PM — Reception and Building Tours

5 PM — Evening Gathering at the Westin Hotel Philadelphia*

*Official hotel of the Opening Celebration and 2009 Reunion
Westin Hotel Philadelphia, 99 South 17th Street, Philadelphia

Education and Community Service Showcase

Saturday, October 31, 2009

9 AM — **Buffet Breakfast**
Maurice Stone Commons & John Sprandio Lobby

10 AM — **Service: The Ultimate MD (Medical Destiny)**
Solomon Luo Auditorium
Welcome: Dean John Daly, MD '73 and Anthony Giorgio, MD '73
Solomon Luo, MD Res '86 Auditorium Dedication
Keynote: Vance Moss, MD'98 and Vince Moss, MD'98
TUSM faculty and ABC News People of the Year 2008
Service Learning Primer: Gerald Sterling, PhD and Kathleen Reeves, MD

NOON — **Luncheon**
Maurice Stone Commons & John Sprandio Lobby

12:45 PM — **Schneck Gross Anatomy Laboratory**
Solomon Luo Auditorium
Carson Schneck, MD '59, PhD '65, Portrait Dedication

1:15—3 PM — **Building Tours and Service Program Showcase**
Meet students, alumni and faculty engaged in community service locally and abroad

Schedule of Events

Registration

Pre-registration is required. RSVP by October 17, 2009.

How to Register

Online: www.myowlspace.com/medicine
Mail: with enclosed reply card and envelope
Phone: 215-707-7650
Email: medrsvp@temple.edu

Location of Events

All events are held at the Temple University School of Medicine's New Medical Education and Research Building unless otherwise noted.
3500 North Broad Street, Philadelphia PA 19140

Parking

Parking for guests will be available at the Carlisle West Garage. The entrance is located on 15th Street between Tioga and Ontario streets.

Valet parking is available in the Boyer Pavilion Garage. Go east on Tioga Street from Broad Street and proceed 75 feet to the parking garage entrance on the left.

For Saturday's events a shuttle will be provided between the Westin Hotel Philadelphia and Temple's Health Sciences Campus.

If you have special needs that we can address to make your participation more meaningful and enjoyable, please contact us: 215-707-7650.

Hotel Information

Discount rates are available at the following hotels for the nights of October 28 through October 31. You must register by September 28, 2009 to receive the discounted Temple University rate.

*The Westin Philadelphia**
99 S. 17th Street
Philadelphia, PA 19103
Phone: 215-563-1600
Rate: $289

The Union League of Philadelphia
140 South Broad Street
Philadelphia, PA 19102
Phone: 215-587-5570
Rate: $199

Four Seasons Hotel Philadelphia
One Logan Square
Philadelphia, PA 19103
Phone: 215-963-1500
Rate: $295

The Doubletree
237 South Broad Street
Philadelphia, PA 19107
Phone: 215-893-1600
Rate: $143

*Official hotel of the Opening Celebration and 2009 Reunion

COURSE LEARNING OBJECTIVES

AIDS

Background: Since the beginning of the AIDS epidemic in 1981, 25 million people have died worldwide from the disease. Effective treatment of AIDS patients and the development of vaccines against HIV-1 require a better understanding of the pathogenesis of the disease, as well as molecular biology and genetics of HIV-1.

After completing this program, participants will be able to:

1. *Discuss the most recent laboratory and clinical observations and novel approaches toward the development of effective treatments for AIDS.*
2. *Describe the current methodology used to control viral replication.*

CANCER

Background: Dysregulation of several biological pathways involved in cell cycle progression, chromosomal stability, signal transduction and gene expression leads to uncontrolled proliferation of cells and the development of cancer. Effective treatment of cancer, therefore, requires a thorough understanding of these biological events that are involved in the genesis of various tumors in humans.

After completing this program, participants will be able to:

1. *Discuss the most current findings in cancer research.*
2. *Describe the utilization of discoveries from basic science laboratories.*

NEUROSCIENCE

Background: Progenitor stem cells provide an excellent biological tool toward understanding the source of neurological disorders including neurodegenerative disease as well as neuroproliferative disorders of the nervous system. Furthermore, stem cell technology offers novel therapeutic approaches toward the treatments of a variety of nervous system diseases such as Alzheimer's Disease, Parkinson's Disease and demyelinating disorders including multiple sclerosis.

After completing this program, participants will be able to:

1. *Discuss novel strategies that are being employed to study the biology of neural stem cells.*
2. *Describe the efficacy of neuroprogenitor cells in the treatment of neurologic disease.*

CARDIOVASCULAR

Background: Cardiac injury induces a complex set of responses. Many forms of injury induce muscle cell (myocyte) death and scar formation. This is often followed by weakening of the heart pump function and the development of heart failure.

After completing this program, participants will be able to:

1. *Describe critical factors that induce cardiac injury and heart failure.*
2. *Discuss novel approaches, including cell therapy, for heart failure treatment.*

AIDS

Tracy Fischer-Smith, PhD
Assistant Professor, Neuroscience and Neurovirology
Temple University School of Medicine

Roger Pomerantz, MD
President, Tibotec, Inc.

Ellen Tedaldi, MD
Professor of Medicine and Director, HIV Program
Temple University School of Medicine

Brian Wigdahl, PhD
Professor and Chair, Microbiology and Immunology
Director, Institute for Molecular Medicine and Infectious Disease
Drexel University College of Medicine

CANCER

Douglas Laske, MD
Associate Professor, Neurosurgery
Temple University School of Medicine

John Niederhuber, MD
Director, National Cancer Institute

E. Premkumar Reddy, PhD
Professor and Director, Fels Institute for Cancer Research and Molecular Biology
Professor, Biochemistry
Temple University School of Medicine

Ray Sawaya, MD
Anne C. Brooks and Anthony D. Bullock, III Distinguished Chair, Neurosurgery
Director, Brain Tumor Center
University of Texas M.D. Anderson Cancer Center

NEUROSCIENCE

Scott Faro, MD
Professor, Radiology
Temple University School of Medicine

Steve Goldman, MD, PhD
Chair, Neurology
Co-Director, Center for Translational Neuromedicine
Edward A. and Alma Vollertsen Rykenboer Chair, Neurophysiology
University of Rochester Medical Center

Samia Khoury, MD
Professor, Neurology
Principal Investigator, Center for Neurologic Diseases
Brigham & Women's Hospital
Harvard Institutes of Medicine

Eugene Major, PhD
Senior Investigator, Laboratory of Molecular Medicine and Neuroscience
National Institute of Neurological Disorders and Stroke,
National Institutes of Health

Richard Miller, PhD
Professor, Molecular Pharmacology and Biological Chemistry
Northwestern University

Ronald Tuma, MD
G. H. Stewart Professor, Physiology
Associate Professor, Neurosurgery
Temple University School of Medicine

CARDIOVASCULAR

Piero Anversa, MD
Professor, Medicine
Senior Scientist, Brigham & Women's Hospital

Kenneth Chien, MD, PhD
Director, Massachusetts General Hospital Cardiovascular Research Center
Department of Cell Biology, Harvard Medical Sciences
Harvard Stem Cell Institute

Steven Houser, PhD
Chair and Laura H. Carnell Professor of Physiology
Professor of Medicine
Director, Cardiovascular Research Center
Temple University School of Medicine

Walter Koch, PhD
Director, Center for Translational Medicine
W.W. Smith Professor of Medicine
Vice-Chair for Research, Department of Medicine
Jefferson Medical College

Jeffrey Molkentin, PhD
Professor, Molecular Cardiovascular Biology
Cincinnati Children's Hospital Medical Center
University of Cincinnati School of Medicine

Symposia, continued

KEYNOTE SPEAKER

Shirley M. Tilghman, PhD '75, was elected Princeton University's 19th president on May 5, 2001. Dr. Tilghman earned her PhD in biochemistry from Temple University. An exceptional teacher and a world-renowned scholar and leader in the field of molecular biology, she served on the Princeton faculty for 15 years before being named president.

During postdoctoral studies at the National Institutes of Health, she made a number of groundbreaking discoveries while participating in cloning the first mammalian gene. A member of the National Research Council's committee that set the blueprint for the U.S. effort in the Human Genome Project, Dr. Tilghman also was one of the founding members of the National Advisory Council of the Human Genome Project for the National Institutes of Health.

She is renowned not only for her pioneering research, but for her national leadership on behalf of women in science and for promoting efforts to make the early careers of young scientists as meaningful and productive as possible.

TARGET AUDIENCES

Practitioners in all specialties

The Albert J. Finestone Office for Continuing Medical Education

Accreditation Statement
Temple University School of Medicine (TUSM) is accredited by the Accreditation Council for Continuing Medical Education to sponsor Continuing Medical Education for physicians.

Certification Statements
Temple University School of Medicine designates this educational activity for a maximum of 5.75 AMA Physician's Recognition Award Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Policy
It is the policy of the Albert J. Finestone Office for Continuing Medical Education at TUSM to ensure balance, independence, objectivity and scientific rigor in all its sponsored or jointly sponsored educational programs. All faculty and planning committee members participating in programs sponsored or jointly sponsored by TUSM are expected to disclose to the program audience any real or apparent conflict(s) of interest related to the content of their presentation(s). The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, TUSM, Temple University Health System or its affiliates. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.