



School of Medicine  
TEMPLE UNIVERSITY



College of Engineering  
TEMPLE UNIVERSITY®

**Temple University School of Medicine  
and  
College of Engineering**

***The First Annual TIME Symposium  
Temple University Institute for Regenerative Medicine and  
Engineering***

**Wednesday, March 6, 2013**

11:00 am – 4:00 pm

Lobby and Luo Auditorium, Medical Education Research Building  
3500 North Broad Street, Philadelphia, PA 19140

With special thanks also for the support of:



Temple University School of Medicine  
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*The First Annual TIME – Temple University Institute for Regenerative Medicine and  
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Symposium*

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– PROGRAM –

09:00-11:00am          *Poster Setup*

11:00 - 11:15am **Welcome**

**Larry R. Kaiser, MD, FACS**

*Senior Executive Vice President for the Health Sciences  
Dean, Temple University School of Medicine  
President and Chief Executive Officer,  
Temple University Health System*

**Keyanoush Sadeghipour, PhD**

*Dean, Temple University College of Engineering  
Professor, Mechanical Engineering and Bioengineering*

**Morning Session**

**Moderator: Gerard J. Criner, MD, FACP, FACCP**

*Chair, Department of Medicine,  
Professor, Medicine*

11:15 - 11:30am **Dame Julia Polak, MD, DSc, FRCPath, FMEDSci**

*(via videoconferencing)*

*Emeritus Professor of Imperial College.*

*Imperial College, London, UK*

*“The TERM Center at Imperial College -A Unique Way to  
Catalyze Collaborative Translational Research in Tissue  
Engineering and Regenerative Medicine”*

11:30 - 12:00pm **Gordana Novakovic, PhD**  
*Mikati Foundation Professor of Biomedical Engineering and  
Medical Sciences  
Columbia University*  
*“Engineering Human Tissues”*

12:00 –12:20pm **Dr. Darius Balciunas, PhD**  
*Assistant Professor Department of Biology  
College of Science and Technology  
Temple University*  
*“Conditional Gene Trap Mutants for Regeneration Studies in  
Zebrafish”*

12:20 –12:40pm **Steven R. Houser, PhD, FAHA**  
*Chairperson, Department of Physiology  
Director, Cardiovascular Research Center  
Laura H. Carnell Professor of Physiology,  
Professor, Medicine  
Temple University School of Medicine. Philadelphia, PA*  
*“Cell Therapy for Ischemic Heart Disease”*

12:40 -1:00pm **George Smith, PhD**  
*Department of Neuroscience Center for Neurovirology  
Shriners Hospitals Pediatric Research Center  
Temple University School of Medicine, Philadelphia, PA*  
*"Construction of Molecule Highways to Direct Axonal  
Growth"*

1:00 –2:00pm **Lunch and Poster Presentations**

### **Afternoon Session**

**Moderator: Michael E. Selzer, MD, PhD, FRC,**  
*Director, Shriners Hospitals Pediatric Research Center  
Temple University School of Medicine, Philadelphia, PA*

2:00 - 2:30pm **Daniel Weiss, MD, PhD**  
*Professor of Medicine  
University of Vermont College of Medicine  
Pulmonary and Critical Care Medicine  
University of Vermont, Burlington, VT*  
*“Ex Vivo Lung Engineering Using De-Cellularized Whole Lung  
Scaffolds”*

- 2:30 – 3:00pm **David Kaplan PhD**  
*Stern Family Professor of Engineering Professor and Chair,  
Department of Biomedical Engineering  
Professor, Department of Chemical Engineering  
Director, Bioengineering and Biotechnology Center  
Tufts University*  
*“Exploiting Silk Biomaterials for Biomedical Systems”*
- 3:00 – 3:30pm **John Gearhart, PhD**  
*James W. Efron University Professor  
Department: Cell and Developmental Biology  
Director, Institute for Regenerative Medicine  
University of Pennsylvania, Philadelphia, PA*  
*“Direct Cell Conversions for Regenerative Medicine”*
- 3:30 – 3:45pm **Synopsis and Quo Vadis**  
**Peter I. Leikes, PhD**  
*Fellow, American Institute for Medical & Biological Engineering  
Laura H. Carnell Professor and Chair, Dept. Bioengineering,  
Director, Temple Institute for Regenerative Medicine and  
Engineering (TIME)  
Temple University, Philadelphia, PA*
- 3:45pm-4:00pm **Closing**  
*Michele M. Masucci, PhD  
Interim Senior Vice Provost for Research and Graduate  
Education  
Temple University, Philadelphia, PA*
- 4:00-5:00pm **Reception – Lobby of MERB**