

**University of Pittsburgh Cancer Institute  
and The Institute for Aging**



**4<sup>th</sup> Regional Translational Research in Mitochondria, Aging, and  
Disease –TriMAD Symposia – Pitt, Penn, and Penn State**

Supported by the University of Pittsburgh Mitochondrial, Aging and Metabolism  
Working Group (MAM) and  
The Center for Metabolism and Mitochondrial Medicine (C3M)

**Saturday, October 4<sup>th</sup>, 2014**

**8:00 AM to 7:00 PM**

**Herberman Conference Room, UPMC Cancer Pavilion, Second Floor  
5117 Centre Avenue, Pittsburgh, PA 15232**

- 6:30 am**      **Stress your mitochondria fun run 5K.** Meet in Hillman Lobby and Circle
- 8:00 am**      **Continental Breakfast**
- 8:15am**      **Welcome and Introductions.**  
**Michael T. Lotze, MD, University of Pittsburgh; Douglas C. Wallace, PhD**  
**University of Pennsylvania**
- 8:30am**      **Keynote Address. Insights into mitochondrial–nuclear interactions.**  
Douglas C. Wallace, PhD University of Pennsylvania. Sponsored by the Center  
for Metabolism and Mitochondrial Medicine
- 9:15am-  
10:30 am**      **Session 1. Sweating the Small Stuff: Autophagy, Mitochondria, Exosomes,  
and Platelets. CoChairs. Sruti Shiva, PhD and Robert O’Doherty, PhD**
- Sruti Shiva (Pitt)      Platelets and Mitochondria
  - Theresa Whiteside (Pitt)      Exosomes in Cancer
  - Sebastian Vogel (Tübingen) Platelets, HMGB1, and Monocytes
  - Short from Abstracts (3)
- 10:30 am**      **Break**
- 11:00am-  
12:45pm**      **Session 2. Mitochondria, Aging, and Immunity.**  
**Co-Chairs, Michael T. Lotze, MD and Gregory Delgoff, PhD**
- Michael T. Lotze (Pitt) Dendritic Cells/NK Cells Coordinate Metabolism
  - Gregory Delgoff (Pitt) mTOR and T Cells
  - Abbe de Vallejo (Pitt) Immune Aging
  - Wayne Hancock (Penn) Tregs and Mitochondria
  - Shorts from Abstracts (2)
- 12:45pm**      **Lunch and Posters (Six Sessions: 1. Sweating the Small Stuff - Platelets,  
Exosomes, Autophagy, and Mitochondria; 2. Mitochondria and Immunity; 3. Clinical**

and Preclinical Aspects of Mitochondria, Aging, and Disease; 4. Neurobiology and Psychiatry; 5. Cardiovascular Biology; 6. Aging and Inborn Mitochondrial Disorders

**2:30pm**      **Keynote Address. Extending Cardiac Healthspan by Enhancing Mitochondrial Function.** Peter S. Rabinovitch, M.D., Ph.D.  
University of Washington. Sponsored by the Mitochondria, Aging, and Metabolism Working Group

**3:15pm**      **Session 3. Clinical and Preclinical Aspects of MAD.**  
**Co-Chairs, Craig Cameron, PhD and Bennett Van Houten, PhD**

- Bennett van Houten (Pitt) Fatty Acid Metabolism & Ovarian Cancer
- Craig Cameron (Penn State) Mitochondrial Transcription, Viruses and Cancer
- Juan Ochoa (Nestle) Nutrition and Immunity
- Short from Abstracts (3)

**4:45pm**      **5<sup>th</sup> TrMAD Meeting at State College, PA - October 17, 2015**  
**Craig Cameron, PhD**

**5:00pm**      **Heavy Hors Douvres - The United Mitochondrial Disease Foundation**

**Posters to remain up throughout the evening**

**5:45pm**      **Guest Speaker Ann Gibbons,**  
**Denisovans, Neanderthal, and Us: Diets and Oxygen and More.**

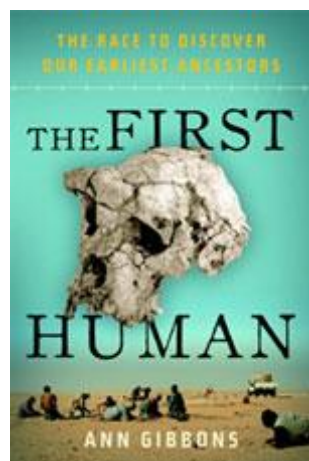
#### **Poster Awards (6)**

*Co-Directors: Michael T. Lotze, MD and Bennett Van Houten, PhD*  
*University of Pittsburgh*

*Co-Directors: Douglas C. Wallace, PhD and Chi Dang, MD*  
*University of Pennsylvania*

*Co-Directors: Craig Cameron, PhD and Kateryna Makova, PhD*  
*Pennsylvania State University*

*Sponsored By: UPMC; United Mitochondrial Disease Foundation; Seahorse Biosciences; Celgene; Nestle; Eberly College of Science & Huck Institutes of the Life Sciences of The Pennsylvania State University*



Register Online and Submit Abstracts:  
<http://www.upci.upmc.edu/trmad/>  
**Call for Abstracts (Oral & Poster Presentations) Due by 9/22/2014 at 5:00 pm**  
**Register Today**