University of Pittsburgh
Mitochondria, Aging, and Metabolism (MAM)
Working Group

Vision: Fueling and Funding Fundamental Discovery in Bioenergetics and Aging for Personalized Medicine

Executive Committee Members: Fabrisia Ambrosio, Michael T. Lotze, Bennett Van Houten, Nam Vo

Mission: The goal of this working group is to promote healthy aging through multidisciplinary bench science and clinical translation. We support team science in the investigation of basic mechanisms underlying diseases associated with aging, including mitochondrial disorders, cancer, musculoskeletal degeneration, cardiovascular disorders, and neurodegenerative disease. We will create a collaborative community of scientists for the exchange of knowledge, tools and techniques to investigate mitochondria, aging, and metabolism by:

- establishing a medium for interaction which will include robust monthly presentations, an annual retreat and the regional Translational Research Meeting in Mitochondria, Aging, and Disease (http://www.upci.upmc.edu/trmad/);
- strategically hosting collaborative outside speakers to our campus;
- creating a repository of animal and human tissues to facilitate pilot studies and stimulate novel research directions;
- establishing an interactive website to encourage communication and synergy among MAM community members;
- developing a collaborative pilot project funding program;
- translating our efforts to the clinic by partnering with our local UPMC Clinical Analytic Group to promote personalized medicine.

Our long term goal is to establish the University of Pittsburgh as the international leader in aging and bioenergetic research.
**Time & Location:** 4-6pm Fifth Floor Conference Room #540, at Bridgeside Point (ThermoFisher Building) next to the Hot Metal Bridge

**Wed, Sept 4, 2013:**
Speaker 1: Betsy Hile, Department of Physical Therapy: Chemotherapy-Induced Peripheral Neuropathy: Could repetitive lower limb exercise facilitate neural protection or repair?
Speaker 2: Aaron Barchowsky, Department of Environmental and Occupational Health: Do maladaptive bioenergetic responses to environmental stressors promote metabolic disease and reduced regenerative capacity?
Fabrisia Ambrosio will also announce the merger of the Aging and Mitochondria and Metabolism Groups, present information about a planned Pilot Grant Program, and solicit recommendations for a supported outside set of speakers; light refreshments (and M&Ms) will be provided. We would also like volunteers for the remainder of the schedule below and of course, active interest in collaborations on grants and projects.

**Upcoming seminars:**

**Wed, Oct 2, 2013:**
Speaker 1: Michael Lotze, Department of Surgery
Speaker 2: Rocky Tuan, Department of Orthopaedic Surgery

**Wed, Nov 6, 2013:**
Speaker 1: Erin Kershaw, Department of Medicine, Division of Endocrinology, Diabetes and Metabolism
Speaker 2: Nam Vo, Department of Orthopaedic Surgery

**Wed, Dec 4, 2013:**
Speaker 1: Patty Opresko, Department of Environmental and Occupational Health
Speaker 2: Hongjun Liu, Department of Microbiology & Molecular Genetics
The following dates are still available for volunteers or speaker suggestions (internal and/or external):

**Wed, Jan 8, 2014** (second Wed in Jan)
**Wed, Feb 5, 2014**
**Wed, March 5, 2014**
**Wed, April 2, 2014**
**Wed, May 7, 2014**
Parking and access to Bridgeside Point Building, 100 Technology Drive, Pgh, PA 15219-3130

If traveling via car, we have free and convenient parking in our front parking lot. However, please do not park in parking spaces #1 thru #30, as they belong to the bldg next door (Level 3 Bldg), and they do tow cars. All other un-numbered parking spaces belong to our building and are okay for parking. Visitors will be asked to register their vehicle license plate number and sign in with our security guard when entering the building. Just have the guard call Cindy Johnston or Lynette Clark when you arrive, and we will meet you at the 5th floor elevator. Our 5th floor conf room is Room #540. If coming directly to the 5th floor conference room, please turn right when exiting the elevator on the 5th floor. Proceed through the double glass panel doors and the conference room is on your left (Room #540). Any questions, please do not hesitate to contact Cindy or Lynette

Cindy Johnston (412) 624-8300
Assistant to Dr. Bruce Pitt

Lynette Clark (412) 624-9700
Assistant to Dr. Valerian Kagan

Driving Directions to Bridgeside Point, 100 Technology Drive from Hillman Cancer Pavillion, 5117 Centre Ave.

Depart 5117 Centre Avenue, Pgh, PA 15213-1862

1. Start out going West on Centre Avenue toward Morewood Ave.

2. Take the 2nd left onto Devonshire Street
   Devonshire Street is 0.1 miles past Morewood Avenue.
   John A. Freyvogel Inc. is on the left.
   If you reach S. Millvale Ave, you’ve gone a little too far.

3. Turn right onto 5th Avenue

4. Turn left onto S. Bouquet Street
   S. bouquet St is just past Thackeray Ave.
   If you reach DeSoto St you’ve gone a little too far.

5. Turn right onto Bates Street
   Bates St. is just past Pier Street.
   If you reach Dimling Way you’ve gone a little too far.

6. Stay straight to go onto Technology Drive

7. **100 Technology Drive** is on the left.
   If you reach the end of Technology Drive you’ve gone about 0.5 miles too far.

100 Technology Drive, Pittsburgh, PA 15219-3130