

12:10-1:30 pm

Lunch

### Session Chair

1:30- 2:00 pm

**Sally Temple**

Scientific Director, Neural Stem Cell Institute  
Rensselaer, NY  
*neural stem cells and neurological disorders*

2:05- 2:35 pm

**Jim Wells**

Professor and Director of Basic Research, Division of Endocrinology  
Cincinnati Children's Hospital, Cincinnati, OH  
*tissue engineering using stem cells*

2:40- 3:10 pm

**Joseph Wu**

Professor and Director, Stanford Cardiovascular Institute  
Stanford University, Stanford, CA  
*cardiovascular disease*

3:15 pm

**Closing Remarks**

The UGA Center for Molecular Medicine (CMM) was created in fall 2012 with Stephen Dalton, PhD, as its founding director. Construction of a new ~43,000 sq. ft. state-of-the-art, purpose-built facility was recently completed.

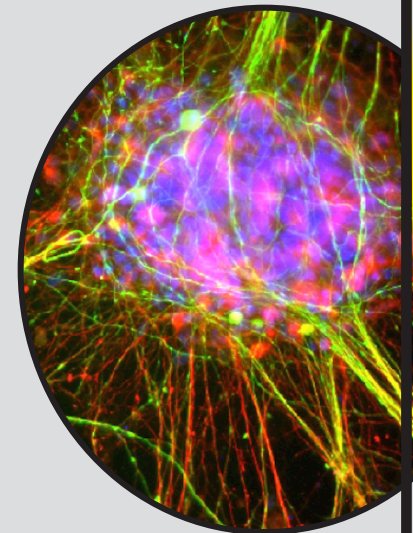
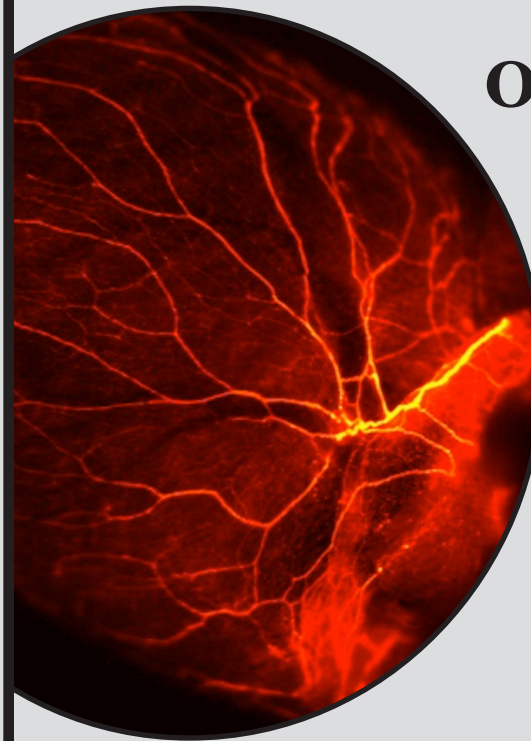
The mission of the CMM is to better understand the molecular and cellular basis of human disease, and then to use this information for the development of new therapies, cures and diagnostics. Every research program within the CMM has a clear link to one or more human disease and will be directed towards translating this research into the discovery of new therapies, cures and diagnostic tools.

Therapeutics developed may be in the form of stem cell-based therapies, vaccines, new drugs, antibodies or protein pharmaceuticals. Research programs will also focus on the identification of new biomarkers and other tools that have utility in clinical diagnostics. This has direct applications to a wide range of diseases including cancer, cardiovascular disease, neurological disorders and diabetes.



# OPENING SYMPOSIUM

October 10-11,  
2017



**Center for Molecular Medicine**  
**UNIVERSITY OF GEORGIA**

315 Riverbend Road  
Athens, Georgia 30602

**Tuesday, October 10, 2017**

11:30 am **Registration**

12:50 pm **Welcome and Opening Comments** **David Lee**  
Professor, Vice President of Research  
University of Georgia, Athens, GA

12:55 pm **Introduction to Keynote Speaker** **Stephen Dalton**  
Professor and Director of Center for Molecular Medicine  
University of Georgia, Athens, GA

1:00- 1:35 pm **Sir Tim Hunt**  
FRS and Nobel Laureate  
Francis Crick Institute, London, UK  
**cell cycle control and human disease**  
**Session Chair**

1:40- 2:10 pm **Rafi Ahmed**  
Vaccine Center Director, Emory Vaccine Center,  
Emory University, Atlanta, GA  
**HIV vaccine development**

2:15- 2:45 pm **Juan Carlos Izpisua Belmonte**  
Professor and Chair  
Salk Institute, La Jolla, CA  
**stem cells and regenerative medicine**

2:50- 3:20 pm **Kevin Campbell**  
Professor  
University of Iowa, Iowa City, IA  
**muscular dystrophy**  
**Session Chair**

3:25- 4:00 pm **Break**

4:00- 4:30 pm **Amander Clark**  
Professor, Department of Molecular, Cell and Developmental Biology  
University of California, Los Angeles, CA  
**reproductive biology and child health**

4:35- 5:05 pm **Richard Cummings**  
Professor and Director, National Center for Functional Glycomics  
Harvard Medical School, Boston, MA  
**cancer therapeutics and glycobiology**

5:10- 5:40 pm **Stephen Duncan**  
Professor and Chair, Department of Regenerative Medicine and Cell Biology  
Medical University of South Carolina, Charleston, SC  
**liver regeneration and metabolic disease**

6:30-7:15 pm **Reception**

**Wednesday, October 11, 2017**

8:00 am **Continental Breakfast**

**Session Chair**

8:30- 9:00 am **Jeff Esko**  
Distinguished Professor and Co-Director of Glycobiology Research and Training Center  
University of California, San Diego, CA  
**proteoglycans and human disease**

9:05- 9:35 am **Shingo Kajimura**  
Associate Professor  
University of California, San Francisco, CA  
**metabolic disorders, diabetes**

9:40-10:10 am **Stuart Orkin**  
Professor, Boston Children's Hospital  
Harvard Medical School, Boston, MA  
**stem cells, hematopoiesis, blood cell disorders**

10:15-10:30 am **Break**

**Session Chair**

10:30-11:00 am **Michael Rudnicki**  
Director, Sprott Centre for Stem Cell Research  
Ottawa Hospital Research Institute  
**muscle stem cells, myogenesis, regeneration**

11:05-11:35 am **Michael Snyder**  
Professor and Chair of Genetics  
Stanford University, Stanford, CA  
**molecular medicine**

11:40-12:10 pm **Lori Sussel**  
Director, Davis Center for Diabetes  
University of Colorado, Boulder, CO  
**pancreatic development, Type 1 diabetes**

(Continued on Program Back Cover)