

ANAT 222: Advanced Research in Stem Cell Biology & Regenerative Medicine

Thursdays, 12:00-1:00PM

Ross Hall Room 401

- January 17th:** **Story C. Landis**
Director, National Institute of Neurological Disorders and Stroke
Chair, NIH Stem Cell Task Force
Stem cells: science, potential and politics
- January 24th:** **David Panchision**
Center for Neuroscience Research, Children's National Medical Center
Depts. Pediatrics and of Pharmacology & Physiology, GWUMC
Regulation of CNS precursors by oxygen: multiple sites of action in cell fate and cancer
- January 31st:** **Joshua Corbin**
Center for Neuroscience Research, Children's National Medical Center
Depts. Pediatrics and of Pharmacology & Physiology, GWUMC
Specification and migration of amygdala neural progenitor cells in the embryonic forebrain
- February 7th:** **Ze'ev Silverman**
Zlotowski Center for Neuroscience
Ben-Gurion University, Israel
Surrogate nichehood: testicular Sertoli cells as potential regulators of adult neurogenesis
- February 14th:** **Dennis Hickstein**
Experimental Transplantation and Immunology Section
Center for Cancer Research, National Cancer Institute, NIH
Translational approaches to hematopoietic stem cell gene therapy
- February 21st:** **Terence Partridge**
Center for Genetic Medicine, Children's National Medical Center
Is there a muscle stem cell?
- February 28th:** **David Leitenberg**
Depts. of Immunology and Pediatrics, GWUMC
Director of Immunology, Dept. of Laboratory Medicine, CNMC
CD45 protein tyrosine phosphatase regulation of thymocyte development
- March 6th:** **Minoru S. H. Ko**
Head, Developmental Genomics and Aging Section, Laboratory of Genetics
National Institute on Aging, NIH
Gene expression profiling of early embryos and stem cells

- March 13th:** **Maria I. Morasso**
Developmental Skin Biology Unit
National Institute of Arthritis & Musculoskeletal & Skin Diseases, NIH
Dlx3 regulation, epidermal differentiation and ectodermal dysplasias
- March 20th:** Spring break
- March 27th:** **Zaruhi Karabekian**
Department of Pharmacology and Physiology, GWUMC
Paradoxical effects of N-Cadherin overexpression in mouse embryonic stem cells.
- April 3rd:** **Kenneth Boheler**
National Institute on Aging, NIH
Identification of a novel transcription factor implicated in the maintenance and differentiation of pluripotent embryonic stem cells
- April 10th:** **Tarik Haydar**
Center for Neuroscience Research, Children's National Medical Center
Depts. Pediatrics and of Pharmacology & Physiology, GWUMC
Novel differences between precursor cells highlight the heterogeneity of the embryonic neocortical ventricular zone
- April 17th:** **Irene Zohn**
Center for Neuroscience Research, Children's National Medical Center
Depts. Pediatrics and of Pharmacology & Physiology, GWUMC
Using mouse models of neural tube defects to identify pathways that control morphogenesis
- April 24th:** **Robert Oakley Memorial Lecture in Developmental Neurobiology**
Catherine E. Krull
Dept. Cell & Developmental Biology, University of Michigan
Out on a limb: axon pathfinding in the periphery