Molecular Regulation of Neurogenesis  16:710:544   3 credits

Fall 2019 Course Schedule – **TUESDAYS 10:00 AM – 12:30 PM   SPH 358**

Sept. 10  Embryonic Development and Neural Induction  
**Emanuel DiCicco-Bloom**  diciccem@rwjms.rutgers.edu

Sept. 17  Neuronal Process Outgrowth and Patterning Neural Connectivity  
**Renping Zhou**  rzhou@rci.rutgers.edu

Sept. 24  Patterning Forebrain Development and Cerebral Cortex Neurogenesis  
**Li Cai**  lcai@rci.rutgers.edu

Oct. 1  Principles of Neurogenesis: Hippocampus and Cerebellum  
**Janet Alder**  janet.alder@rutgers.edu

Oct. 8  Patterning Genes in Spinal Cord, Morphogens and Axis Determination  
**Michael Matise**  matisemp@rwjms.rutgers.edu

Oct. 15  Glial Cells  
**Cheryl Dreyfus**  dreyfus@rwjms.rutgers.edu

**Oct. 29**  MID-TERM EXAM

Nov. 5  Mechanisms Regulating Target Innervation  
**Mladen Roko Rasin**  rasinml@rwjms.rutgers.edu

Nov. 12  Synaptic Structure and Function  
**Huaye Zhang**  huaye.zhang@rutgers.edu

Nov. 19  Development of Neural Circuits  
**David Margolis**  david.margolis@rutgers.edu

Nov. 26  Neural Crest  
**John Pintar**  pintar@rwjms.rutgers.edu

Dec. 3  Neural Stem Cells  
**Zhiping Pang**  pangzh@rwjms.rutgers.edu

**Dec. 10**  FINAL EXAM

Grading: 10% class participation; 45% for each the Mid-term and Final