

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 DiCiccio-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 Matisse 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