

GMS 6029_ Brain Journal Club: Animal Models and Pathology of Neurological Disease

Spring 2016

Class Meets on Thursday, 4-5pm, in Room R4-133

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Each week the students will discuss one recent paper published in the field of pathophysiology, experimental therapeutics, and animal models of neurological disease including but not limited to Alzheimer's disease, Parkinson's disease, Huntington's disease, amyotrophic lateral sclerosis or ALS, peripheral neuropathy, and spinal cord injury. Occasionally, the students will also read and discuss papers on brain-machine interface, neural stem cells, stroke, and brain tumor. Students will have the opportunity to present the paper and to lead the discussion. Integrative studies will be emphasized that use molecular, cellular, electrophysiological, neurochemical and behavioral techniques. Clinical and preclinical studies that are related to the development of experimental therapeutics will be included to give students perspectives on translational neuroscience.

Grading will be based on presentation, attendance, and participation of classroom discussions.
1.000 Credit hours