

Molecular Neuroscience, Fall 2020 (Neurobio 206)

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Class times: 10:30 AM - 12:00 PM, M, W, F – Online Zoom. Zoom links will be posted in canvas website

<u>Date:</u>	<u>Topics:</u>	<u>Instructor:</u>
Oct 2 F	Introduction	Blurton-Jones
5 M	Manipulating gene expression in the CNS-I	Blurton-Jones
7 W	Manipulating gene expression in the CNS-II	Blurton-Jones
9 F	<i>Discussion</i>	Blurton-Jones
12 M	Protein-protein interactions/Proteomics	Blurton-Jones
14 W	Cell trafficking + Neurologic Disorders	Blurton-Jones
16 F	Disease Mechanisms + Review	Blurton-Jones
19 M	<i>Discussion</i>	Blurton-Jones
21 W	Exam I	Blurton-Jones
23 F	Introduction; Neural Polarity and Induction	Cramer
26 M	Regionalization	Cramer
28 W	Neurogenesis and Neuronal Migration	Cramer
30 F	Neuronal Fate Specification	Cramer
Nov 2 M	Axon Guidance	Cramer
4 W	Synaptogenesis and synaptic pruning	Cramer
6 F	<i>Discussion/Student presentations</i>	Cramer
9 M	<i>Discussion/Student presentations</i>	Cramer
11 W	<i>NO CLASS: VETERAN'S DAY HOLIDAY</i>	
13 F	<i>Discussion/Student presentations</i>	Cramer
16 M	Exam II	Cramer
18 W	Gene structure and function in the nervous system	Swarup
20 F	Neurogenetics – I	Swarup
23 M	Neurogenetics – II	Swarup
25 W	Post-transcriptional regulation of gene expression in the nervous system	Swarup
27 F	<i>NO CLASS: THANKSGIVING HOLIDAY</i>	
30 M	Post-translational and epigenetic regulation of gene expression in the nervous system	Swarup
Dec 2 W	Genomic approaches to neurological disorders	Swarup
Dec 4 F	<i>Discussion</i>	Swarup
7 M	<i>Student Presentation - I</i>	Swarup
9 W	<i>Student Presentation - II</i>	Swarup
11 F	<i>Student Presentation - III</i>	Swarup