

V80.0211 Cellular and Molecular Neuroscience – Laboratory

Instructors: Prof. Adam Carter (x83882, adam.carter@nyu.edu, 1059 Meyer)
Prof. Chiye Aoki (x83929, chiye@cns.nyu.edu, 1056 Meyer)
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Lab TA: Justin Little

Labs will be from 2 to 6 on Wednesday afternoons at locations specified below.

Date	Instructor	Description	Location
Sept 8 W	Carter / Aoki	Lab 1: Introduction	612 Silver
Sept 15 W	Carter	Lab 2: Passive Properties	612 Silver
Sept 22 W	Carter	Lab 3: Computer Simulations	612 Silver
Sept 29 W	Aoki	Lab 4: EM Demo I	1056 Meyer
Oct 6 W	Aoki	Lab 5: EM Demo II	1056 Meyer
Oct 13 W	Carter	Lab 6: Electrophysiology Introduction	612 Silver
Oct 20 W	Carter	Lab 7: Electrophysiology I	612 Silver
Oct 27 W	Carter	Lab 8: Electrophysiology II	612 Silver
Nov 3 W	Aoki	Lab 9: Class Presentation of EM Data	612 Silver
Nov 10 W	Aoki	Lab 10: Immunocytochemistry	612 Silver
Nov 17 W	Aoki	Lab 11: LM Analysis I and Nissl Staining	612 Silver
Nov 24 W	Aoki	No lab	612 Silver
Dec 1 W	Aoki	Lab 12: LM Analysis II and cover slipping	612 Silver
Dec 8 W	Aoki	Lab 13: Oral Presentation of LM Data	612 Silver

Grading: 50% of the final grade will be determined by Dr. Aoki, using lab reports of the EM and ICC exercises to evaluate student performance and understanding of the material. The other 50% of the final grade will be based on Dr. Carter's evaluation of the electrophysiology lab reports.