

## NEURL-UA 211

### Cellular and Molecular Neural Science – Laboratory

Instructors: Prof. Alex Reyes (x83994, [alex.reyes@nyu.edu](mailto:alex.reyes@nyu.edu), 1057A Meyer)  
Prof. Chiye Aoki (x83929, [chiye@cns.nyu.edu](mailto:chiye@cns.nyu.edu), 1056 Meyer)  
Claudia Farb ([claudia@cns.nyu.edu](mailto:claudia@cns.nyu.edu), 1054 Meyer)

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

Date	Instructor	Description	Location
Sept 4 W	Reyes	Lab 1: Introduction	612 Silver
Sept 11 W	Reyes	Lab 2: Passive Properties	612 Silver
Sept 18 W	Reyes	Lab 3: Computer Simulations	612 Silver
Sept 25 W	Reyes	Lab 4: Electrophysiology I	1165 Meyer
Oct 2 W	Reyes	Lab 5: Electrophysiology II	1165 Meyer
Oct 9 W	Reyes	Lab 6: Electrophysiology III	1165 Meyer
Oct 16W	Farb / Aoki	Lab 7: EM Demo I	1056 Meyer
Oct 23W	Farb / Aoki	Lab 8: EM Demo II	1056 Meyer
Oct 30 W	Farb / Aoki	Lab 9: Immunocytochemistry I	612 Silver
Nov 6 W	Farb / Aoki	Lab 10: Immunocytochemistry II – LM analysis I and Nissl staining	612 Silver
Nov 13 W	Farb / Aoki	No Lab	612 Silver
Nov 20 W	Farb / Aoki	Lab 11: Immunocytochemistry III – more LM Analysis I and cover slipping	612 Silver
Nov 27 W	Farb / Aoki	Lab 12: Presentation of EM Data Prep for oral presentation of the LM data	612 Silver
Dec 4 W	Farb / Aoki	Lab 13: Oral Presentation of LM Data	612 Silver

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