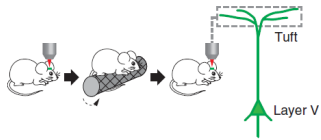
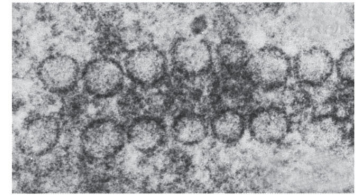


03-362 Cellular Neuroscience



Elective Course

9 Units (3 hours lecture/week)

Pre-requisites: Modern Biology 03-121, a university level neurobiology course or instructor permission is required for registration.

Instructor

Dr. Nesrine Affara

Learning Objectives

- Understand concepts in cellular neuroscience such as excitable membranes and action potentials.
- Understand strategies of neural communication and neurotransmitter systems.
- Understand the methods and approaches used to analyze neural systems.
- Understand the biological bases of some brain disorders.
- Describe the molecular basis of neural circuit function.
- Learn to develop hypotheses and to propose appropriate experiments.

Course Evaluation

2 midterm exams, a final exam, bi-weekly homework, weekly quizzes, and 2 presentations.

