

BIOC 099: Principles and Methods in Electrophysiology

This three-day lecture and hands-on laboratory workshop will cover various applications of electrophysiology in basic science and application-driven research. Selected lecture topics will provide a broad background of electrophysiology, from equipment to analysis techniques, technical protocols for electrophysiology procedures and troubleshooting during surgery, data acquisition, experimental integration and online/offline analysis. During this intensive workshop, participants will get the opportunity to discuss the basics of electrophysiology and advanced troubleshooting techniques with subject matter experts from both academia and industry.

Credits: 3

Class Type: Workshop

Program: Biochemistry, Chemistry, Pharmacology, and Toxicology