

BIOC 035: Imaging - From IF and FISH to Automated and Confocal Microscopy

This course will focus on two important methods that are used extensively in biomedical research. Fluorescence microscopy is a useful tool for observing cellular morphology and function that is readily available and relatively simple to learn. Confocal microscopy has emerged as a powerful and popular extension of fluorescence microscopy, allowing 3-dimensional localization and dynamics of cellular components. The course is designed as a boot camp for those cell biologists who are just entering the world of confocal microscopy, wishing to utilize the technology to its fullest potential. Several related advanced topics are introduced to give participants an overview of future possibilities.

Class Type: Workshop

Program: Biochemistry, Chemistry, Pharmacology, and Toxicology

Availability Fall 2021