

MMG1318H - Cytoskeletal Dynamics

Course Instructor: Andrew Wilde

Instructor Contact Information: Andrew.wilde@utoronto.ca

Course Overview:

The course will discuss recent advances in cytoskeletal dynamics, including , but limited to, those relating to the microtubule, actin and septin filamentous networks. Discussion will include, but not be limited to, cell division (prokaryotic and eukaryotic), cell migration, ciliogenesis and more.

Course Objectives:

- In vitro analysis of cytoskeletal dynamics
- In vivo analysis of cytoskeletal dynamics

Marking Scheme:

- 40% experimental proposal
- 40% presentation
- 20% participation