

Teaching

CNSI class: Mammalian cell culture

Hands-on cell culture class on a 2:1 student:teacher ratio. Covers all basic aspects of mammalian cell culture. Includes EHS Bloodborne Pathogen (BBP) training required for handling human and BSL2 cell lines (BBP class can be joined separately, pls inquire). Two times a week, 3 h per class (exact dates available upon sign up), for 4 weeks. Requirements: none.

MCDB class: Protein Biochemistry (graduate level)

Protein Biochemistry class 229 (MCDB/BSME), covers Protein Structure and Structure/Function relationships. Three times a week, 1 h per class (M,W,F 10 am). Requirements: graduate standing.

Dates:

Fall quarter 2009

MCDB class: Angiogenesis in Health and Disease (graduate level)

MCDB class 238. Angiogenesis, the formation of new blood vessels, is not only a crucial step in the development of virtually all organs, but also an ongoing process in the adult which is of prime importance for tissue homeostasis. Aberrant angiogenesis is a hallmark of many diseases, including diabetes, rheumatoid arthritis, adult macular degeneration and cancer. The course will delineate both physiological and pathological angiogenesis, and then focus in on tumor angiogenesis. Implications for diagnosis and therapy of cancer will be discussed. Strategies targeting the tumor vasculature remain one of the hottest topics in cancer research. Requirements: graduate standing

Training

Instrument Training BNL

Instrument specific Training for Equipment housed in the Biological NanoStructures Laboratory (BNL); covers safety aspects, operation and recharge procedure. Requirements: for users of the recharge facility.