

MCB 412/Neur 422, Fall 2011

Cellular and Molecular Neurobiology

Are you curious about how nerve cells communicate each other and mediate higher physiologic functions of the brain including cognition and behavior?

Do you like to learn about the pathophysiological basis of neurologic disorders such as pain, epilepsy, Alzheimer Disease, Addiction, Multiple Sclerosis, and more?

Overview: MCB 412 / Neur 422 will provide a detailed cellular and molecular basis of the nervous system, and explore recent literature on the pathogenic mechanisms and therapy of nervous system disorders.

Instructor: Hee Jung Chung, Ph.D.
(chunghj@life.illinois.edu)

Targeted Students: Advanced undergraduates and graduate students.

Prerequisites: MCB 252, or consent of instructor

*Hippocampal neuron image from
Chung HJ et al., 2006*