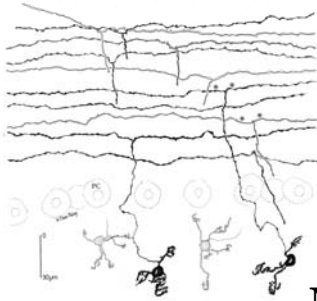


The Solomon H. Snyder Department of Neuroscience

The Johns Hopkins University

School of Medicine

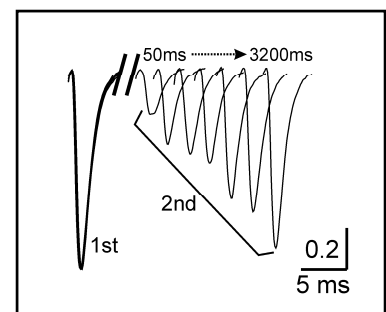


Neuroscience Elective Course **Molecular and Cellular Mechanisms of Synaptic Transmission** (ME:440.707)

A course on the molecular and cellular underpinnings of synaptic transmission will begin on March 16, 2009 and continue through May 11, 2009.

An organizational meeting will be held on Tuesday, March 3 at 2:15 pm (after the Neuroscience Journal Club) in WBSB 903. The course is scheduled to meet on Mondays from 2:00 – 4:30 p.m. in 903 PCTB.

Course Instructors: Dr. Dwight Bergles
Dr. Elisabeth Glowatzki
Dr. Paul Worley



Course Description

An advanced seminar and reading course devoted to the molecular and cellular mechanisms underlying synaptic transmission and the regulation of synaptic plasticity. We will discuss fundamental discoveries in the areas of synapse formation, transmitter release, vesicle recycling, ribbon synapses, dendritic modulation, LTP/LTD, and homeostatic regulation. Students will present two papers and provide written answers to questions about the assigned reading.