## The Synaptic Organization of the Brain (NROC69H) Dr. Steven Duffy Samuel Lunenfeld Institute, Mount Sinai Hospital

Sept. 14: Principles of neural organization

Sept. 21: The ionic basis of neuronal electrical activity

Sept. 28: Synaptic transmission and integration

Oct 5: The cerebellum

Oct. 12: The basal ganglia

Oct. 19: Mid-term I (30%)

Oct. 26: The hippocampus

Nov. 2: Synaptic plasticity and learning

Nov. 9: The retina

Nov. 16: Mid-term II (30%)

Nov. 23: The thalamus

Nov. 30: The cerebral cortex.

Final exam 40%