

The Department of Cell Biology and Neuroscience presents:

Departmental Seminar

Dr. Deborah Cabin

The McLaughlin Research Institute



Friday, Nov. 16, 2007

2:00pm

108 Ag/Plant

Bioscience

“Modeling Parkinson’s Disease in Mice”

Parkinson’s disease is the second-most common neurodegenerative disease in humans. The characteristic motor symptoms appear after loss of a majority of dopaminergic neurons in the substantia nigra, but many other regions of the nervous system are affected. To study regions affected early in the disease course, a progressive animal model is needed. We are using a-synuclein transgenic mice to try to develop an animal model in which the same brain regions are affected in humans, an in the same order.

