Thursday

February 11, 2010
2:00 pm

Bascom Palmer
Retter Auditorium
900NW 17 Street
2nd Floor
Miami, Fl 33136

For more information contact
Nora Matelis
305-243-8408

The Hussman Institute for Human Genomics

presents

Oliver Cooper, Ph.D.

Director of Stem Cell Facility; Center for Neuroregeneration Research
McLean Hospital/Harvard Medical School

"Induced Pluripotent Stem Cell-derived Neural Cell Transplantation Technology for Parkinson's Disease Therapy and Research "

Dr. Cooper's major research interest focuses on the development of mechanisms for the protection, repair, and regeneration of neurons in Parkinson's disease. As the Director of the Stem Cell Facility at the Center for Neuroregeneration Research (McLean Hospital/Harvard Medical School), Dr. Cooper has been at the cutting edge of recent advancements in the development of patient specific induced pluripotent stem cells (iPSCs). IPSCs derived from somatic cells of patients represent a powerful tool to investigate the underlying molecular and cellular mechanisms involved in disease pathology, as well as, providing a ready source of stem cells for replacement therapies that can be used to treat a wide array of disorders, including Parkinson's disease.

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