



WEILL CORNELL MEDICAL COLLEGE

525 East 68th Street
New York, New York 10065-4870

THE JUDITH JAFFE MULTIPLE SCLEROSIS CENTER

The 2011 Monthly Multiple Sclerosis Research Symposia

WEILL CORNELL MEDICAL COLLEGE

1305 York Avenue
2nd Floor
New York, New York 10021

REGISTER NOW AT www.cornellneurology.org

THE JUDITH JAFFE MULTIPLE SCLEROSIS CENTER

*There is no charge for attendance to
any of the sessions.*

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www.cornellneurology.org

LOCATION:
1305 York Avenue
2nd Floor
New York, NY 10021

Parking is available at the Weill
Greenberg Center.

The entrance is located on York Avenue.
There are no vouchers for parking

***LOCATION FOR DR. FRANKLIN'S LECTURE**
Griffis Faculty Club
1300 York Avenue
New York, NY 10021

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THE JUDITH JAFFE MULTIPLE SCLEROSIS CENTER Monthly MS Research Symposia

STATEMENT OF NEED

Multiple Sclerosis (MS) is a complicated disease by virtue of the fact that it primarily involves an interaction between the central nervous system and the immune system, the two most complicated organ systems in the body. Advancements in cellular biology, molecular biology, systems biology, informatics, imaging, pharmacology and biologics as they relate to neurology, immunology and MS, occur at a rapid pace.

TARGET AUDIENCE

This lecture series is designed to provide a venue for neurologists and researchers interested in MS where they will be presented with the latest topics and scientific advancements in MS.

COURSE GOAL AND OBJECTIVES

Participants should be able to have an increased understanding of:

1. The pathophysiologic mechanisms thought to be functioning in MS that lead to irreversible disability.
2. The mechanism by which therapeutics work in MS and the importance of early intervention.
3. The tools used in diagnosis and monitoring of disease activity including MRI, serum profiling, CSF profiling, and genetic susceptibility.
4. The topics of regeneration and repair in MS that are often raised by patients.
5. The immunologic and neuroscientific methods used to study MS.

PROGRAM

6:00–6:45pm	Registration and Reception
6:45–7:00pm	Welcome and Introduction
7:00–7:55pm	Lecture by Guest Speaker
7:55–8:10pm	Question and Answer Session
8:10–8:15pm	Concluding Remarks/Adjourn

SCHEDULE OF LECTURES AND FACULTY SPEAKERS

January 18, 2011

- The Myelin Water Fraction in Normal and Multiple Sclerosis Central Nervous System Tissue**
Alexander MacKay, MD
Professor of Physics and Astronomy and Radiology
Director, University of British Columbia
MRI Research Centre

February 15, 2011

- Biomarkers in MS to Help Guide Classification and Treatment**
Howard Weiner, MD
Robert L. Kroc Professor of Neurology
Harvard Medical School
Brigham and Women's Hospital
Co-director, Partners Multiple Sclerosis Center

March 8, 2011

- Axonal Pathology in MS: Who, what, and where? A novel treatment for MS**
Bruce Trapp, PhD
Chairman, Department of Neurosciences
Lerner Research Institute
The Cleveland Clinic Foundation

April 20, 2011—hosted at the Griffis Faculty Club*

- CNS Remyelination: from biology to therapy**
Robin Franklin, PhD
Professor of Neuroscience
Director, MRC Cambridge Centre
Stem Cell Biology and Regenerative Medicine
Department of Veterinary Medicine
University of Cambridge

May 10, 2011

- Neural Stem Cells in Promoting Tissue Repair in a Viral Model of Demyelination**
Thomas E. Lane, PhD
Professor and Chancellor's Fellow
Department of Molecular Biology and Biochemistry
Associate Director, Institute for Immunology
University of California, Irvine

June 14, 2011

- Imaging Mechanisms of Neuro-axonal Damage in MS**
Matilde Inglese, MD, PhD
Associate Professor of Radiology
NYU Langone Medical Center

September 20, 2011

- The Role for the Chemokine CXCL12 in CNS Protection and Repair during Demyelinating Disease**
Robyn Klein, MD, PhD
Associate Professor of Internal Medicine
Pathology and Immunology
Anatomy and Neurobiology
Washington University of St. Louis

October 18, 2011

- Models of Myelin Regeneration**
Robert Miller, PhD
Vice Dean for Research
Director, Center for Translational Neuroscience
Allen C. Holmes Professor of Neurological Diseases
Professor of Neurosciences
Case Western Reserve School of Medicine

November 15, 2011

- Multi-modality Imaging in MS: PET and MRI**
Susan Gauthier, DO, MPH
Assistant Professor of Neurology
Judith Jaffe Multiple Sclerosis Center
Weill Cornell Medical College

December 13, 2011

- Microglia: new concepts and markers**
Richard Ransohoff, MD
Director, Neuroinflammation Research Center
Lerner Research Institute, The Cleveland Clinic
Professor of Molecular Medicine, The Cleveland Clinic
Lerner College of Medicine at Case Western Reserve University
The Mellen Center for Multiple Sclerosis Treatment and Research
The Cleveland Clinic

PLANNING COMMITTEE

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