

## Advanced Curriculum for Multiple Sclerosis 2017

Wednesday, 22 February 2017	
7:00 – 7:45am	Registration and Breakfast
7:45 – 8:00am	<b>Welcome, Review of Learning Objectives and Outcomes</b> <i>Course Director --- Fred Lublin, MD</i>
Evolving Science	
8:00 – 9:00am	<b>Neurology Grand Rounds</b> <i>Section Chair --- Joseph Berger, MD</i> (CIS, RR Failing Treatment, Progressive)
9:00 – 9:45am	<b>Immunopathogenesis: T-cell, B-cells, Antibodies</b> <i>Section Chair – Suhayl Dhib-Jalbut, MD</i>
9:45 – 10:00am	Interactive expert panel discussion <i>Section Chair &amp; Panel – Joseph Berger, MD; Fred Lublin, MD; Suhayl Dhib-Jalbut, MD</i>
10:00 – 10:30am	Break
Diagnosis and Clinical Course	
10:30 – 11:30pm	<b>The Great MS Debate: Part I – MS Peripheral Immune Disease or Central Nervous System Based Disease</b> <i>Outside In or Inside Out? – Robert Lisak, MD; Howard Weiner, MD</i>
11:30 – 12:15am	<b>Essentials of Differential Diagnosis and Clinical Course</b> <i>Section Chair – Jeffrey Cohen, MD</i>
12:15 – 12:30am	Interactive expert panel discussion <i>Section Chair &amp; Panel – Jeffrey Cohen, MD; Andrew Goodman, MD; Robert Lisak, MD</i>
12:30 – 1:30pm	<b>CME Lunch Symposium Supported by an Educational Grant from Actelion</b> <b>A Closer Look at S1P Immunomodulator Therapeutics to Improve Outcomes in Patients with Relapsing Multiple Sclerosis</b> <i>Chair: Fred D. Lublin, MD</i> <i>Faculty: Mark S. Freedman, MD; Timothy L. Vollmer, MD</i>
Best Practices	
1:30 – 2:15pm	<b>Diagnostic Challenges</b> <i>Section Chair – Patricia Coyle, MD</i> <ul style="list-style-type: none"> <li>• The Patient with Atypical Presentation</li> <li>• The Patient with Comorbidities</li> <li>• MS Mimics</li> </ul>
2:15 – 3:00pm	Interactive expert panel discussion <i>Section Chair &amp; Panel – Patricia Coyle, MD; Joseph Berger, MD; Robert Lisak, MD</i>
3:00 – 3:30pm	Break
Pharmacotherapies I	
3:30 – 4:30pm	<b>Review of Available Therapies</b> <i>Section Chair – Mark Freedman, MD</i> <ul style="list-style-type: none"> <li>• Early Treatment</li> <li>• Aggressive Disease</li> <li>• When to Switch Therapies</li> </ul>
4:30 – 5:00pm	Interactive expert panel discussion <i>Section Chair &amp; Panel – Mark Freedman, MD; Clyde Markowitz, MD</i>
5:30 – 7:00pm Welcome Reception	

## Advanced Curriculum for Multiple Sclerosis 2017

Thursday, 23 February 2017	
6:30 – 7:00am <b>Breakfast</b>	
<b>What Don't We Know?</b>	
7:00 – 7:15am	<b>Analysis of Day I Outcomes: Interactive Q and A</b> <i>Course Director – Fred Lublin, MD</i>
<b>Advanced Curriculum Course</b>	<b>Neurology Residents Track Part I</b>
7:15 – 8:00am	<b>The Great MS Debate: Part II Do We Need Neuroprotection or Just Remyelination?</b> <i>Jack Antel, MD; Ben Segal, MD</i>
<b>Neurology Residents Track Part I</b>	<b>The Great MS Debate: Part II Do We Need Neuroprotection or Just Remyelination?</b> <i>Jack Antel, MD; Ben Segal, MD</i>
<b>Pharmacotherapies II</b>	
8:00 – 9:00am	<b>Targeting Therapeutics – Pipeline, Neuroprotection and Repair</b> <i>Section Chair – Emmanuelle Waubant, MD</i> Next Generation Immunomodulation --- Targeting Specifics of the Immune Response – <i>Emmanuelle Waubant, MD</i> Managing Progressive MS – <i>Anne Cross, MD</i>
<b>Neurology Residents Track Part II</b>	
8:15 – 8:55am	<b>Didactic Presentations</b> The Management of MS: A Historical Perspective – <i>Fred Lublin, MD</i> Future Directions in MS Therapeutics: Neuroregeneration and Remyelination – <i>Jeffrey Cohen, MD</i>
9:00 – 9:30am	<b>Interactive Expert Panel</b> <i>Section Chair and Panel – Emmanuelle Waubant, MD; Anne Cross, MD</i>
8:55 – 10:00am	Panel Discussion: Careers in Clinical and Investigative Neuroimmunology
9:30 – 10:00am	<b>Break</b>
9:00 – 9:30am	10:00 – 10:30am Break-out Sessions – Tiffany Braley, MD, MS; Tanuja Chitnis, MD; Fiona Costello, MD; Mark Freedman, MD; Andrew Goodman, MD; Augusto Miravalle, MD; Danny Reich, MD; Rhonda Voskuhl, MD; Jerry Wolinsky, MD
<b>Advanced Curriculum Course</b>	
<b>Neurology Residents Track Part III</b>	
<b>The New Realities of MS Care</b>	
10:00 – 10:45 am	<b>Risk Mitigation --- Symptomatic Treatment</b> <i>Section Chair – Stephen Krieger, MD</i> Maintaining Function/Enhancing Function
10:45 – 12:00pm	<b>Developing Clinician Skills</b> <i>Section Chair &amp; Panel – Clyde Markowitz, MD</i> MRI for the Neurologist – <i>Jerry Wolinsky, MD</i> Medical Informatics – Utilizing Patient---Driven Mobile Technology – <i>Jeffrey Cohen, MD</i> Effectively Managing the Comprehensive Care Team – <i>Clyde Markowitz, MD</i>
10:45 – 12:00pm	<b>Developing Clinician Skills</b> <i>Section Chair &amp; Panel – Clyde Markowitz, MD</i> MRI for the Neurologist – <i>Jerry Wolinsky, MD</i> Medical Informatics – Utilizing Patient---Driven Mobile Technology – <i>Jeffrey Cohen, MD</i> Effectively Managing the Comprehensive Care Team – <i>Clyde Markowitz, MD</i>
12:00pm Program Adjourns	

\*This activity is supported by an educational grant from:  
Celgene Corporation and Novartis Pharmaceuticals Corporation