

# Symposium on Anesthesia & Neurodevelopment in Children

May 3, 2008

Tower 103 & Wintergarden

Morgan Stanley Children's Hospital of New York  
959 Broadway, New York New York 10032

8:30-9:00	<b>Welcoming Remarks</b> Dr. Margaret Wood , Chairman of Department of Anesthesiology Dr. Charles Stolar, Surgeon-in-Chief, MS-CHONY Dr. Charles Schleien, Vice Chairman of Department of Pediatrics
9:00-11:20	<b>Session 1: Anesthesia Neurotoxicity</b> <i>Session Chair: Steven Hall</i> 9:00-9:30 <b>Pre-clinical Data</b> Greg Crosby: Neurodevelopmental Toxicity of General Anesthetics Andreas Loepke: Anesthetic Neurotoxicity and the Developing Brain: Translational Difficulties from Bench to Bedside 9:30-9:50 <b>Discussants:</b> Hall, Loepke, Crosby, Deshpande 9:50-10:50 <b>Human Data</b> Frank McGowan: Approaches to Neurodevelopmental Assessment: Lessons from the Boston Circulatory Arrest Trial Robert Block: The Iowa Outcomes with Anesthesia (IOWA) Study: An Update Randall Flick: The Effect of Early Exposure to Commonly Used Anesthetic Agents on the Incidence of Learning Disability in a Population-based Cohort Charles DiMaggio: Association Between Exposure to Anesthesia and Behavioral and Developmental Disorders in Young Children: Results of Two Retrospective Cohort Analyses 10:50-11:20 <b>Discussants:</b> McGowan, Block, DiMaggio, Hall, Flick, Staffa
11:20-11:30	<b>Break</b>
11:30-1:00	<b>Session 2: Neurodevelopmental Studies (What to test, Which test, Who to do the test)</b> <i>Session Chair: Mary Byrne</i> 11:30-12:20 <b>Lessons Learned in Neurodevelopmental Studies</b> <i>Introduction: Lynne Maxwell</i> Cynthia Salorio: Assessment Instruments: An Overview David Bellinger: Neurodevelopment Assessment: Lessons Learned in Conducting the Boston Circulatory Arrest Trial 12:20-1:00 <b>Panel Discussion: Approaches for Neurodevelopmental Studies to Examine Anesthesia Neurotoxicity.</b> <i>Moderator: Mary Byrne</i> <b>Discussants:</b> Byrne, Rauh, Bellinger, Salorio
1:00-2:00	<b>Lunch</b>
2:00-4:00	<b>Session 3: Epidemiological Studies and Important Issues in Multi-center Studies</b> <i>Session Chair: Ezra Susser</i> 2:00-3:00 <b>Epidemiological Approaches to Study Anesthesia Neurotoxicity</b> Virginia Rauh: Lessons Learned from the Centers for Children's Environmental Health Ezra Susser: Lessons Learned from Pregnancy and Birth Cohorts: A Fifty Year Perspective 3:00-3:30 <b>Important Issues in Multi-center Studies</b> Michael Todd: Lessons Learned from IHAST Alan Moskowitz: Doing Multi-center Studies: The InCHOIR Experience 3:30-4:00 <b>Discussants:</b> Rauh, Todd, Susser, Cummins, Weinberg
4:00-4:20	<b>Break</b>
4:20-5:20	<b>Session 4: Future Directions and the PANDA Study</b> <i>Session Chair: Lena Sun</i> 4:20-4:30 Charles DiMaggio: PANDA Study: Epidemiological Considerations 4:30-4:50 Mary Byrne: PANDA Study: Outcome Measures and Assessment Tools 4:50-5:00 Lena Sun: PANDA Study: Proposed Study Design 5:00-5:20 <b>Discussants:</b> Deshpande, Schleien, McGowan, Byrne, A. Wood
5:20-6:30	<b>Cocktail Reception</b>