



Children's Research on Injury to the Brain

# New Perspectives on Pediatric Brain Injury

## Thursday, April 29 and Friday, April 30, 2004

Presented by Children's Memorial Institute for Education and Research (CMIER),  
Children's Memorial Hospital and Feinberg School of Medicine, Northwestern University

Supported by the Davee Foundation  
and the CMIER Neurobiology Program

### Thursday, April 29

4-5 pm

*Neural Stem Cells: Developmental Insights  
May Suggest Therapeutic Strategies*

**Location** Wolfson Auditorium, Children's Research Center  
2430 N. Halsted

**Speaker** Evan Y. Snyder MD, PhD, Professor and Director,  
Stem Cell and Regeneration Program,  
The Burnham Institute, La Jolla, Calif.

Reception, dinner and tour of new research building to follow

### Friday, April 30

8 am-5:30 pm

*Full-day symposium*

**Location** The Field Museum, Ward Lecture Hall

#### Agenda

8-9 am Continental breakfast

9-12:30 pm Session I: *Environmental and Genetic  
Factors in Brain Development*

12:30-2 pm Lunch

2:30-5:30 pm Session II: *Neural Stem Cells and Other  
Novel Therapeutic Approaches to Brain Injury*

5:30-7 pm Cocktail reception at The Field Museum, Rice Hall

*Seating limited*

*Registration deadline: Monday, March 15, 2004*

### Full-day symposium speakers

#### Session I

*Environmental and Genetic Factors in Brain Development*

Dr. David C. Bellinger, Harvard University  
"Environmental Toxicants and Child Development"

Dr. Michael E. Charness, Harvard University  
"Fetal Alcohol Syndrome and the L1 Cell Adhesion Molecule"

Dr. Kathleen K. Sulik, University of North Carolina at Chapel Hill  
"Patterns of Apoptosis Provide Clues to Ethanol's Teratogenic Mechanisms"

Dr. Christian L. Lorson, University of Missouri-Columbia  
"Functional Analysis of Survival Motor Neuron (SMN): Its Role in Spinal Motor Atrophy"

Dr. Kenneth H. Fischbeck, Neurogenetics Branch, NINDS  
"SMA: Histone Deacetylase Inhibition and the NIH SMA Project"

Dr. Arthur Burghes, Ohio State University  
"Spinal Muscular Atrophy in Model Organisms—the Mouse and Fish"

#### Session II

*Neural Stem Cells and Other Novel Therapeutic  
Approaches for Brain Injury*

Dr. Steven A. Goldman, University of Rochester  
"Human Oligodendrocyte Progenitor Cells and the Treatment of Dysmyelinating Disease"

Dr. Helen Scharfman, Columbia University Medical Center  
"Functional Characterization of Newly Born Neurons in the Rodent Brain after Seizures"

Dr. John S. Yu, Cedars-Sinai Medical Center, Los Angeles  
"Bone Marrow-Derived Neural Stem Cell Therapy"

Dr. Krystof Bankiewicz, University of California, San Francisco  
"Real-Time Imaging of Intracranial Delivery of Therapeutics"

Dr. Mark Gurney, deCODE Genetics, Inc.  
"Step-by-Step: Developing Novel Therapeutics for Spinal Muscular Atrophy"

Dr. Christopher P. Austin, National Institutes of Health  
"Translating the Genome: From Sequence to Health"

**To register or for more information,  
contact Susana Cuadros, PhD,  
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