Pediatric Neurotransmitter Disorders

November 12, 2009, Salt Lake City, Utah
Fort Douglas Officer's Club
at the University of Utah

PROGRAM

Morning Session

9:00 - 9:40
Francis Filloux, M.D.,
University of Utah
Neurochemistry: From Synapse to Symptom. An Overview of Pediatric Neurotransmitter Disorders

9:40 - 10:20
Nicola Longo, M.D., Ph.D.,
University of Utah
Disorders of Biopterin Metabolism

10:20 - 10:40 ***Break***

10:40 - 11:20
Kathryn J. Swoboda, M.D.,
University of Utah
Challenges in Diagnosis and Treatment of AADC and TH Deficiency

11:20 - 12:00
Keith Hyland, Ph.D.,
Medical Neurogenetics, LLC
CSF Testing in Neurotransmitter Disorders

Afternoon Session

12:00 - 1:30 ***Lunch***

1:30 - 2:10
Phillip L. Pearl, M.D.,
George Washington University
SSADH Deficiency: Lessons from Mice and Men

2:10 - 2:50
Renata C. Gallagher, M.D., Ph.D.,
The Children's Hospital, Aurora, CO
Pyridoxine Dependent Epilepsy: A Treatable Cause of Infantile Epileptic Encephalopathy

2:50 - 3:30
Marzia Pasquali, Ph.D.,
University of Utah
Biochemical Abnormalities in Neurotransmitter Disorders

Registration Fee $75, lunch included. 4.75 CME credit hours offered.

Accreditation: The University of Utah School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA Credit: The University of Utah School of Medicine designates this educational activity for a maximum of 4.75 *AMA PRA Category 1 Credit(s)*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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Upon completion of this activity, participants should be able to:
1. Recognize patterns which may indicate neurotransmitter dysfunction
2. Understand how to diagnose and treat severe infantile seizures
3. Understand how analysis of cerebrospinal fluid neurotransmitter metabolites can be used to diagnose other inherited disorders
4. Identify radiographic pattern of dentate-pallidal-subthalmis involvement in SSADH deficiency
5. Become familiar with current approaches for diagnosis of AADC and TH deficiency

Register at www.childx.org or call Karolynn Braden, (800) 242-2787, ext. 2506

Sponsored by Children's Health Improvement through Laboratory Diagnostics (CHILDx), an ARUP Laboratories Initiative, and the University of Utah School of Medicine

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