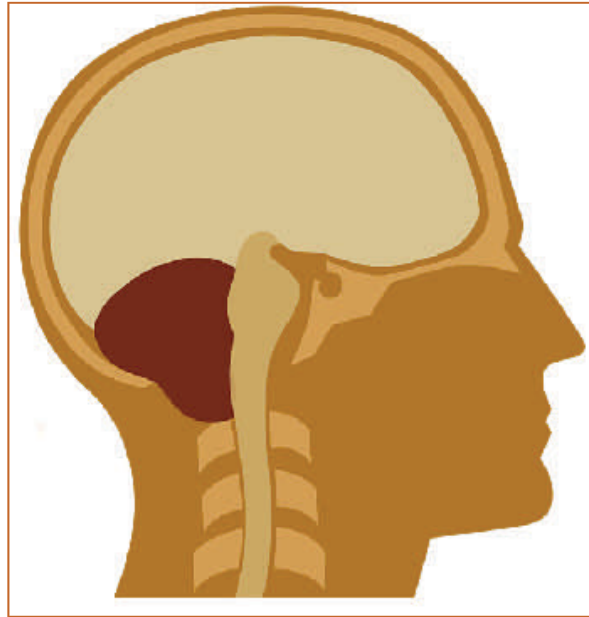


Conquer Chiari Research Conference 2010: New Developments & Controversies

*Organized by the University of Akron, the University of Illinois
at Chicago (UIC) College of Medicine, and Conquer Chiari*



Building on the success of past conferences, Conquer Chiari, the University of Akron, and the University of Illinois-Chicago are organizing a two-day professional research conference to focus on new developments in Chiari research and to discuss controversies in diagnosis and care. The event will bring together the top physicians and researchers involved with Chiari malformation to share recent developments, discuss and debate controversial topics, and foster collaboration for future work. The proceedings will be made freely available to the Chiari community through a video web archive.

Date: November 11th & 12th, 2010

Location: Hyatt Regency O'Hare
Chicago, Illinois

Organizers:

Rick Labuda, Executive Director
C&S Patient Education Foundation
director@conquerchiari.org
724-940-0116

Konstantin Slavin, MD
University of Illinois-Chicago
kslavin@uic.edu
312-996-4842

Frank Loth, PhD
University of Akron
loth@uakron.edu
330-972-6820

Objectives:

- Present and discuss through Q&A recent developments in genetics, pathophysiology, imaging analysis, and engineering simulation research
- Present and discuss through Q&A recent developments in clinical care, including diagnostic criteria, surgical techniques, and outcome assessment
- Discuss, in a moderated format, current controversies involving Chiari research and clinical care
- Update the Chiari community on all of the above through a video web archive

Sponsored By:



Acknowledgements: *We gratefully acknowledge grants from the following companies in support of this event:*



Commercial Support:

Conquer Chiari is actively seeking commercial support for this important event. If interested, please contact:

Rick Labuda, Executive Director
Conquer Chiari
724-940-0116
director@conquerchiari.org

Conquer Chiari is a 501(c)(3) public charity dedicated to improving the experiences and outcomes of Chiari and syringomyelia patients through education, awareness, and research

Agenda - November 11th, 2010

Time	Speaker	Topic
7:30	<i>Registration & Continental Breakfast</i>	
7:55	Rick Labuda - Conquer Chiari	<i>Welcome & Goal Setting</i>
	<i>Session I - Genetics & Pathophysiology</i>	
8:00	Dr. Georgy Koentges - University of Warwick	<i>Molecular Neural Crest Control Networks Affected in Chiari</i>
8:45	Dr. Simon Gregory - Duke University	<i>Chiari Clinical Subtypes and Outcomes by Expression Analysis</i>
9:30	<i>Break & Informal Discussion</i>	
9:45	Dr. Roger Kula - The Chiari Institute	<i>Mechanisms of cerebellar tonsil herniation in patients with Chiari</i>
10:30	Dr. Marcus Stoodley - University of Queensland	<i>Syrinx Formation</i>
11:15	Dr. Jorge Lazareff - UCLA	<i>Epistemology of Chiari</i>
12:00	Lunch - ASAP, COH, CSF, Conquer Chiari	<i>Funding Opportunities For Chiari Researchers</i>
	<i>Session II - Clinical Developments</i>	
1:00	Dr. John Oro - Chiari Treatment Center	<i>Adult Tethered Cord</i>
1:45	Dr. Mark Luciano - Cleveland Clinic	<i>Pediatric Tethered Cord</i>
2:30	Dr. David Frim - University of Chicago	<i>Cognitive Function in Chiari I</i>
3:15	<i>Break & Informal Discussion</i>	
3:30	Dr. Diane Mueller - University of Missouri	<i>Validated CM Symptom Measure</i>
4:15	Dr. Rajiv Bapuraj - University of Michigan	<i>Effect of Neck Position on CSF Flow and Compression</i>
5:00	<i>Day One Wrap-Up</i>	

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Agenda - November 12th, 2010

Time	Speaker	Topic
<i>Session II - Clinical Developments, cont'd</i>		
8:00	Dr. John Heiss - National Institutes of Health	<i>Changes in Morphology of Hindbrain Structures After Craniocervical Decompression</i>
8:45	Dr. Stephen Fletcher - University of Texas	<i>Lamina Sparing Procedures for Chiari Decompression in Children</i>
9:30	Dr. Ian Butler - University of Texas	<i>Medical Management of Chiari Malformation in Children</i>
10:15	<i>Break & Informal Discussion</i>	
10:30	Dr. Thomas Moriarty - Norton Neuroscience Institute	<i>Decompression with and without duraplasty; morbidity vs recurrence</i>
11:15	Dr. Dorian Chauvet	<i>Histological & Biomechanical study of dura mater applied to dura splitting decompression</i>
12:00	Lunch	
<i>Session III - Engineering & Imaging Analysis</i>		
12:30	Dr. Francis Loth - University of Akron	<i>Longitudinal Impedance and Volumetric Expansion as Quantitative Measures of Chiari Severity</i>
1:15	Dr. Noam Alperin - University of Illinois-Chicago	<i>Development and Early Clinical Evaluation of Non-invasive MR Measurement of ICP</i>
2:00	Dr. Bryn Martin - Ecole Polytechnique Federale de Lausanne	<i>In-Vitro Modeling of Syringx Progression</i>
2:45	<i>Break & Information Discussion</i>	
<i>Session IV - Current Controversies</i>		
3:00	Dr. Spyridon Sgouros - Attikon University	<i>Moderated Discussion - Topic TBD</i>
3:30	Dr. Bermans Iskandar - University of Wisconsin	<i>Moderated Discussion - Topic TBD</i>
4:00	<i>Conference Wrap-Up</i>	

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