



The ORGAN No. 37 (July 2010)

▶▶▶ Message from the Secretary

Dear ISCBFM Members:

The purpose of this issue of The Organ is to inform the members regarding the progress and status of the ISCBFM-sponsored meetings: the Gordon Research Conference on "Brain Energy Metabolism and Blood Flow", being held August 22-27, 2010, in Andover, New Hampshire, USA; *and* our biennial conference, "The XXVth International Symposium on Cerebral Blood Flow, Metabolism and Function and the Xth International Conference on Quantification of Brain Function with PET" to be held in Barcelona, Spain, May 24-28, 2011. With respect to the latter, the conference organizers have provided preliminary programmatic information and tentative key dates. It is time to start thinking about your abstract submissions.

Sincerely,
Dale A. Pelligrino
ISCBFM Secretary

▶▶▶ *August 22-27, 2010 - Gordon Research Conference on Brain Energy Metabolism & Blood Flow*

Brain blood flow and metabolism are vital to the normal mammalian nervous system and provide the basis of functional brain imaging. Over the last decade, dramatic progress has been made in molecular biology, biophysics and genetics that impact on the understanding of brain energy metabolism, neural organization, cell signaling and vascular regulation. In addition, new technologies now enable measures to be made of blood flow and metabolism in the brain with high spatial and temporal resolutions. The stage is set for the use of the methodological progress to address fundamental issues related to the organization of brain function, blood flow, and metabolic activity. We strongly believe that progress in this field will drive new discoveries in the experimental and clinical neurosciences and impact on the diagnosis and treatment of stroke and other neurodegenerative disorders.

Every second year, the Gordon research conferences on Brain Energy Metabolism and Blood Flow are devoted to presentations of frontline research of brain metabolism, cell signaling, cell-cell interactions and vascular regulation in the neurovascular unit of normal and injured brains. This 4th conference provides a unique opportunity for experts and novices alike to exchange state-of-the-art experiences with methods, concepts and issues, and to outline collaborative approaches to their resolution. Among these

important issues the mechanisms underlying consciousness remain at the forefront of neuroscience. For the 4th GRC on Brain Energy Metabolism and Blood Flow, the general theme is the experimental examination of the relations between oxygen, blood flow, and mitochondrial regulation of brain functions in health and aging.

Location:

Proctor Academy, Andover, NH, United States

Dates:

Sunday, August 22, 2010 - Friday, August 27, 2010

Chairs:

Albert Gjedde (University of Copenhagen)

Vice Chairs:

Joseph C Lamanna (Case Medical School)

Web Site:

<http://www.grc.org/programs.aspx?year=2010&program=brain>

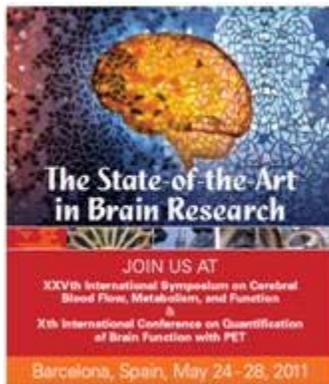
Online Application:

<http://www.grc.org/application.aspx?id=10697>

▶▶▶ **Brain'11 / BrainPET'11 Program**

May 24-28, 2011 - Barcelona, Spain

<http://www.kenes.com/brain>



BRAIN'11 & BRAINPET'11 unites a diverse group of leading international brain researchers and professionals seeking the latest available information, research, and treatments in fields such as cerebrovascular regulation, brain imaging, ischemia/stroke, neurotrauma, and brain protection. This is a unique opportunity to exchange knowledge, connect with the global scientific community involved in this highly complex discipline and to ultimately shape the future of brain research.

To view the progress report [click here](#)

To view the preliminary timetables please click the link:

http://www2.kenes.com/brain/scientific/Pages/Preliminary_Timetable.aspx

To view the abstract topics, please click the link:

http://www2.kenes.com/brain/scientific/Pages/Abstract_Topics.aspx

For any questions with regards to the Congress, please contact:

brain@kenes.com

We look forward to seeing you all in Barcelona!

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