

Botanicals and Human Health...

the sky's the limit

a scientific event

Schedule of Events

- 8:00 – 8:10** **Welcome and Introduction – W. Cefalu, Chair**
- 8:10 – 8:30** **Current Concepts for Metabolic Syndrome**
-William Cefalu, MD, PBRC-LSU
- 8:30 – 9:00** **Issues to consider when studying botanicals**
-David Pasco, PhD, Univ. of Mississippi
- Session 1: Molecular Mechanisms for Disease States – M. Lefevre, Chair**
- 9:00 – 9:30** **Adipogenesis and Botanicals**
-Jacqueline Stephens, PhD, LSU
- 9:30 – 10:00** **Polyphenols - Not just antioxidants anymore**
-Steve Barnes, PhD, Univ. of Alabama at Birmingham
- 10:00-10:30** **Anthocyanins and Carbohydrate Metabolism**
-Michael Lefevre, PhD, Utah State Univ.
- 10:30 – 10:45** **Break**
- Session 2: Model organisms for botanical research – A. Zuberi, Chair**
- 10:45 – 11:15** **Animal Models/Relevant Models**
-Aamir Zuberi, PhD, PBRC-LSU
- 11:15 – 11:45** **Biological effects of botanicals in C. elegans**
-Catherine Wolkow, PhD, NIH
- 11:45 – 12:15** **Drosophila**
-Patrick DiMario, PhD, LSU
- 12:15 – 1:00** **Lunch**
- 1:00 – 1:30** **Zebra Fish**
-Caren Villano, PhD, Rutgers Univ.
- Session 3: Novel Methods & Approaches - T. Gettys, Chair**
- 1:30 – 2:00** **Metabolomic Approaches to Assess Metabolic Responses**
-Thomas Gettys, PhD, PBRC-LSU
- 2:00 – 2:30** **Nuclear Receptors as Targets for Botanicals**
-Tom Burris, PhD, PBRC-LSU
- 2:30 – 3:00** **Proteomic Assessment for Botanical Effects**
-Indu Kheterpal, PhD, PBRC-LSU
- 3:00 – 3:30** **Epigenetics and Botanicals**
-Kenneth Eilertsen, PhD, PBRC-LSU
- 3:30 – 4:00** **Conclusion/Discussion**
-William Cefalu, MD, PBRC-LSU

Center for the Study of
Botanicals and Metabolic Syndrome



Thursday, August 7th, 2008
8:00 am – 4:00 pm

Pennington Administration
Building
Reilly Auditorium, 2nd Floor
6400 Perkins Road
Baton Rouge, LA 70808

To register, call 225-763-2500
or www.botanical.pbrc.edu

The Center for the Study of Botanicals and Metabolic Syndrome is located at the Pennington Biomedical Research Center, Louisiana State University System, in Baton Rouge, Louisiana and in collaboration with The Biotech Center at Rutgers University, the LSU Agricultural Center, and the Center for Advanced Nutrition, Utah State University

This program is made possible in part through the generous support of Sue and Bert Turner and the Pennington Biomedical Research Center Division of Education.

Conference Attendees are encouraged to stay the weekend in Baton Rouge and experience the *Pennington Hot Air Balloon Championships* to be held on the campus of the Pennington Biomedical Research Center the weekend of the conference. Hot air balloon competitions and festival activities begin on Friday, August 8th with a special dinner fundraiser, the 2008 Amedysis Soaring to New Heights, benefiting the Center is scheduled for the evening of Saturday, August 9th. Join us for this fun filled weekend of food, fun, and fireworks.

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First Name _____ **Last Name** _____

Credentials/Licensure _____

Profession _____

Organization/Agency _____

Street Address _____

City _____ **State** _____ **Zip** _____

Phone _____ **Fax** _____

Email Address: _____

Mail or Fax:
Pennington Biomedical Research Center
6400 Perkins Road
Baton Rouge, LA 70808
FAX: 225/763-3045
Attn: Division of Education

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www.visitbatonrouge.com
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