



"Omics": From Transcriptomics and Proteomics to Metabolomics

Pre-Meeting Workshop

Date/Location

- Saturday, June 25, 2005
9:00 am – 5:00 pm
Monona Terrace Conference Center-Ballroom B

Sponsored By

- American Society for Neurochemistry in conjunction with the 36th Annual Meeting. Organizers: Lynn Hudson and Steve Pfeiffer

Purpose and Schedule

- Breakthroughs in defining dynamic biologic systems through "-omics" experiments herald a new era for neuroscientists pursuing nervous system function. This workshop will introduce both individual "-omics" technologies, including namely transcriptomics, proteomics, lipidomics, glycomics and metabolomics and the bioinformatics platforms that can serve to integrate these large data sets.

9:00 Introduction

Dr. Steven Pfeiffer, University of Connecticut Medical School

9:15 Genomics and Transcriptomics

Dr. Dietrich Stephan, Translational Genomics Research Inst, Phoenix

10:15 Coffee Break

10:30 Proteomics

Mass Spectrometry
2D Gels
DIGE

Dr. David Han, University of Connecticut Medical School
Dr. Chris Taylor, Dana Farber, Boston
Dr. Martha Schwartz, GE Healthcare

12:00 Lunch

Continued

[Afternoon Schedule...](#)



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Continued

Afternoon Schedule

1:00 Glycomics	Dr. Robert Yu, Medical College of Georgia
2:00 Lipidomics	Dr. M. Cameron Sullards, Georgia Institute of Technology
3:00 Coffee Break	
3:15 Metabolomics	Dr. Gerry Dienel, University of Arkansas
4:15 Bioinformatics	Dr. David Han, UConn Health Center
5:00 Discussion/ Summary	Dr. Lynn Hudson, National Institutes of Health

Workshop Registration Fee—\$100 per person
(Students/Post Docs receive 50% discount if registered by June 11, 2005)

- To register On-Line for the Workshop and American Society for Neurochemistry Annual Meeting go to: www.ASNeurochem.org
- To register by phone, call **1-407-909-9064**

For Further Information:

- Lynn Hudson and Steve Pfeiffer, Workshop Organizers
Tel: 301-496-0786 e.mail: HudsonL1@od.nih.gov
- Sheilah Jewart, American Society for Neurochemistry
Tel: 407-909-9064 e.mail: amazing@iag.net Fax: 407-876-0750