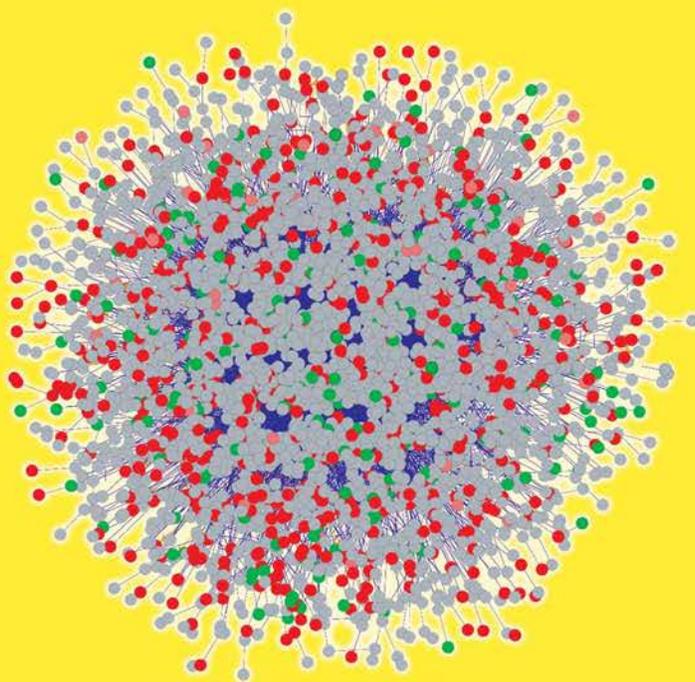


# Metabolic Profiling: Application to Toxicology and Risk Reduction

*An International Conference*

**May 14-15, 2003**  
**NIEHS Rall Building**  
**Rodbell Conference Center 101A-C**  
**Research Triangle Park, North Carolina**



## **Keynote Speakers:**

*John Connelly*  
*Metabometrix Ltd*

*Trey Ideker*  
*Whitehead Institute MIT*

*Jeremy Nicholson*  
*Imperial College, London*

*James MacGregor*  
*Food & Drug Administration*

<http://www.niehs.nih.gov/dert/metabol.htm>



Waters

# **Metabolic Profiling: Application to Toxicology and Risk Reduction An International Conference**

**WEDNESDAY, MAY 14, 2003**

- 7:30 AM *Continental Breakfast, Rodbell Conference Center*
- 8:20 *Welcome and Introductions*  
**William Suk**, Director, Center for Risk and Integrated Sciences (CRIS), DERT  
**Brenda Weis**, CRIS, DERT
- 8:40 *Overview and Integration*  
**John Connelly**  
Director of Biomedical Sciences, Metabometrix Ltd.
- 9:40 *Break*

## **Scientific Sessions**

- 10:00-12:20 PM **APPLICATION TO TOXICOLOGY**  
**Chair: Ray Tennant**  
Director, National Center for Toxicogenomics, NIEHS
- Don Robertson**, Pfizer Global Research and Development  
**Robert Plumb**, Waters Corporation, *"Monitoring The Toxicity of a Candidate Pharmaceutical and Identifying Biomarkers: A Metabonomics Approach"*  
**Susan Sumner**, Staff Scientist, Paradigm Genetics, Inc.  
**Hector C. Keun**, Biological Chemistry, Biological Sciences Division, Imperial College, University of London, UK
- 12:20-1:20 *Lunch*
- 1:20 -3:40 **APPLICATION TO RISK REDUCTION**  
**Chair: Kenneth Ramos**  
Professor and Chair, Department of Biochemistry and Molecular Biology, University of Louisville Health Sciences Center
- Steve Watkins**, President, Lipomics Technologies, Inc.  
**Paul N-W Lee**, Director, Biomedical Mass Spectroscopy Facility & Professor, Dept of Pediatrics, Harbor-UCLA Medical Center  
**Rima Kaddurah-Daouk**, Visiting Scientist, Cancer Pharmacology, Dana-Farber Cancer Institute and Metabolon, Inc.  
**Shawn Ritchie**, Post Doctoral Research Associate - Oncology, Phenomenome Discoveries, Inc.
- 3:40 PM *Adjourn and Transport to Radisson Governor's Inn*
- 5:00-6:30 *Poster Session and Social Hour, Radisson Governor's Inn*
- 6:30 **Dinner (by invitation) and Keynote Speaker**  
**Jeremy Nicholson**  
Professor and Head of Biological Chemistry, Imperial College, University of London, UK

## THURSDAY, MAY 15, 2003

### Scientific Sessions

- 7:30 AM *Continental Breakfast, Rodbell Conference Center*
- 8:15 - 9:15 **Keynote Speaker**  
**Trey Ideker**  
Pfizer Computational Biology Fellow, Whitehead Institute/MIT
- 9:15 *Break*
- 9:30 – 11:50 **COMPUTATIONAL AND SYSTEMS BIOLOGY**  
**Chair: David Rocke**  
Department of Applied Science, College of Engineering,  
University of California, Davis
- Elaine Holmes**, Lecturer in Biological Chemistry, Biomedical Sciences Division,  
Imperial College, University of London, UK  
**Pedro Mendes**, Research Assistant Professor, Virginia Bioinformatics Institute  
**Cristopher Ambrozic**, Director, Sales & Marketing, North America, Umetrics, Inc.  
**Elwin Verheij**, Analytical Systems Biology, TNO Pharma, Netherlands
- 11:50 - 12:50 PM *Lunch*
- 12:50 - 1:50 **Keynote Speaker**  
**James MacGregor**  
Deputy Director, Washington Operations  
National Center for Toxicological Research, FDA
- 1:50 - 3:00 **Panel Discussion: *Metabolic Profiling: Next Steps***  
**Moderator: William Suk**, Director, CRIS, NIEHS
- Panel Participants:**  
**Daniel Baden**, Director, Center for Marine Science, University of North Carolina,  
Wilmington  
**Bruce Hammock**, Professor of Entomology & Cancer Research Center, University  
of California, Davis  
**Christopher Newgard**, Director, Sarah Stedman Center for Nutritional Studies and  
Professor, Dept of Pharmacology and Cancer Biology, Duke University Medical  
Center  
**Kenneth Ramos**, Professor and Chair, Department of Biochemistry and Molecular  
Biology, University of Louisville Health Sciences Center  
**David Schwartz**, Chief, Division of Pulmonary and Critical Care, Duke University  
Medical Center  
**Timothy Zacharewski**, Associate Professor, Department of Biochemistry &  
Molecular Biology, Michigan State University
- 3:00 *Adjourn*