



# Application of Combined 'omics Platforms to Accelerate Biomedical Discovery in Diabetes

Pathway diagram reproduced courtesy of authors: Yang et al. J. Proteome Res. 2011

 **Register at [www.nyas.org/Diabetes2012](http://www.nyas.org/Diabetes2012)**

The explosive rise in obesity and attendant diabetes (diabetes), threatens the health of children and adults in Western and developing Asian countries. This symposium focuses on the breakthrough discovery potential of metabolomics. Metabolomics, in concert with high-content data from other 'omics technologies, can reveal the connections between metabolic phenotype and molecular underpinnings of diabetes, identifying new therapeutic targets and developing new and innovative targeted therapies. In addition to a day of outstanding science by academic thought leaders, industry leaders will contribute to a panel discussion on the emerging revolution in bioinformatic platforms that enable multi-omic metabolic pathway analysis. These new platforms are expected to provide a game-changing acceleration of future biomedical discoveries.

## Organizers

**Steven Gross**, PhD, Weill Cornell Medical College

**Irwin Kurland**, MD, PhD, Albert Einstein College of Medicine

**Jennifer Henry**, PhD, The New York Academy of Sciences

## Speakers

**Domenico Accili**, MD, Columbia University

**Charles Burant**, MD, PhD, Michigan Nutrition Obesity Research Center

**Barbara B. Kahn**, MD, Beth Israel Deaconess Medical Center & Harvard Medical School

**Irwin Kurland**, MD, PhD, Albert Einstein College of Medicine

**Chris Newgard**, PhD, Duke University Medical Center

**Gabriele V. Ronnett**, MD, PhD, Johns Hopkins University School of Medicine

## Panelists

**Steven M. Fischer**, PhD, Agilent Technologies

**John Ryals**, PhD, Metabolon

**Mark Sanders**, PhD, Thermo Fisher Scientific

**Joe Shambaugh**, MS, Genedata Expressionist

**John Shockcor**, PhD, Waters Corporation

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Presented by **Hot Topics in Life Sciences** and the **Sackler Institute for Nutrition Science** at the **New York Academy of Sciences**

**APR  
16  
8:30 AM-  
6:00 PM**

## Reception included

### Registration

Member: \$25

Member:

(Student/Postdoc): \$10

Non-Member

(Student/Postdoc): \$40

Non-Member

(Non-profit/Academic): \$60

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(Corporate): \$80

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The New York  
Academy of Sciences  
7 World Trade Center  
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