



Global Metabolite Profiling: The Fast-Track for Functional Genomics

 **Register at www.nyas.org/Metabolome2**

Open reading frames offer the next challenge in biomedical science, as we elucidate the function of encoded proteins and the consequences of gene variants and mutations. This symposium will address how functional genomics are being met with strategies for global metabolite profiling, and presents pioneering research that defines the activities of all ill- and undefined enzymes. This knowledge will lead to the discovery of new therapeutic targets and diagnostic approaches that will fill the drug development pipeline in future.

Organizers

Steven Gross, PhD, Weill Cornell Medical College
Jennifer Henry, PhD, The New York Academy of Sciences

Speakers

Introduction

Steven Gross, PhD, Weill Cornell Medical College
Metabolomics: the Link Between Genotypes and Phenotypes

Oliver Fiehn, PhD, University of California, Davis
Global (Unbiased) Metabolomics as a Unique Biochemical Approach to Therapeutic Discovery

Gary Siuzdak, PhD, The Scripps Research Institute, California
Elucidation of Endogenous Substrates for Human P450 Enzymes using Metabolic and Isotope Labeling Approaches

F. Peter Guengerich, PhD, Vanderbilt University School of Medicine
Flow-Injection Metabolite Profiling of a Bacterial Gene-Knockout Library for Rapid and Broad-Based Discovery of Gene Functions

Nicola Zambone, PhD, Institute of Molecular Systems Biology, ETH Zurich
Global Metabolite Profiling for Assignment of Endogenous Substrates to Enzymes and to Chart New Biological Space

Alan Saghatelian, PhD, Harvard University

Presented by the **Hot Topics Discussion Group** at the **New York Academy of Sciences**

Bronze Sponsor  **Agilent Technologies**

FEB
11
9:00 AM-
5:00 PM

Reception to follow

Registration

Member: \$25

Member
(Student/Postdoc): \$10

Non-Member
(Student/Postdoc): \$40

Non-Member
(Non-profit/Academic): \$60

Non-Member
(Corporate): \$80

Location

The New York Academy of Sciences
7 World Trade Center
250 Greenwich St, 40th Fl
New York, NY 10007

For additional information,
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Sponsorship Opportunities

For sponsorship opportunities,
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