

Harvard University. June 8-9, 2023
([in person meeting](#))
([Also by streaming](#))

9th annual OMICS Symposium (2023):
Advances, applications, and translation
in nutrition and epidemiology

Co-chaired by **Frank B. Hu** (Harvard T.H. Chan School of Public Health, Boston, USA)
and **Miguel A. Martínez-González** (CIBEROBN, University of Navarra, Pamplona, Spain)

JUNE 8th, 2023: International OMICS Symposium

8.30-8.40 am

Introduction

Frank B. Hu, Harvard T.H. Chan School of Public Health; & **Miguel A. Martínez-González**, CIBEROBN, University of Navarra

8:40-9:00

Precision Nutrition: Overview of recent developments and future directions

Frank Hu, Harvard T.H. Chan School of Public Health

9:00-9:30

Metabolomics, Mediterranean diet interventions, and CVD prevention: Updates from PREDIMED and PREDIMED-PLUS trials

Miguel A. Martínez-González, CIBEROBN, University of Navarra; & **Jordi Salas-Salvadó**, CIBEROBN, University Rovira i Virgili

9:30-10:00

Secondary prevention trial of CVD through Mediterranean diet: Results from the CORDIOPREV trial

José López-Miranda, CIBEROBN, University of Cordoba

10:00-10:30 am

Supplementation of bioactive compounds and nutrients on health outcomes: Lessons from the VITAL and COSMOS trials

JoAnn Manson, HMS/BWH

Coffee break

10:30 am -10:45 am

10:45 am – 11:15 am

Discovery of food-based biomarkers using metabolomics

David Wishart, University of Alberta

1:15 am – 11:45 am

Metabolomics in combination with in-house food library as a tool to study food-based biomarkers

Shengmin Sang, North Carolina Agricultural and Technical State University

11:45 am -12:15 pm

Food biomarker discovery, validation, and application

Qi Sun, Harvard T.H. Chan School of Public Health

12:15-1:15.

Lunch break

1:15-1:45

Towards Precision Nutrition in a Nordic Context

Rikard Landberg, Chalmers University of Technology

1:45-2:15

Linking diet, microbiota and metabolite with Cardiometabolic disease- new targets for prevention

Marju Orho-Melander, Lund University

2:15-2:45

Diet and the gut microbiota: moving beyond composition to activity

Henrik Munch Roager, Copenhagen University

2:45-3:15

Diet and multi-omics in cardiometabolic disease: Hispanic Community Health Study/Study of Latinos (HCHS/SOL)

Qibin Qi, Albert Einstein College of Medicine

3:15-3:30

Coffee break

3:30-4:00 pm

Biomarkers and OMICS in Atrial fibrillation: PREDIMED-Plus and PREDIMAR

Estefanía Toledo, CIBEROBN, University of Navarra;

& **Miguel Ruiz-Canela**, CIBEROBN, University of Navarra

4:00-4:30

Nutrition omics and Cardiovascular disease from Million Veteran Program (MVP)

Kerry L. Ivey, Brigham & Women's Hospital

4:30-5:00

Predicting metabolic response to dietary intervention using deep learning

Yang-Yu Liu, Harvard Medical School

5:00-5:10 pm

Final remarks

Frank B. Hu, Harvard T.H. Chan School of Public Health; & **Miguel A. Martínez-González**, CIBEROBN, University of Navarra

JUNE 9th, 2023: Internal meeting of PREDIMED-related OMICS grants
(Not streaming, only in person)