

# EXPOSOME & HEALTH

a new area of research



9:30AM **Howard Hu, MD, MPH, ScD**  
USC Keck School of Medicine

Welcome

9:40AM **Leda Chatzi, MD, PhD**  
USC Keck School of Medicine

Center for Translational Research on Environmental Health

## SESSION 1: Unravelling the Exposome: Exposure mixtures and data science approaches | *Chair: David Conti, PhD*

10:00AM **Gary Miller, PhD**  
Mailman School of Public Health,  
Columbia University

The Exposome: measuring exposures on an omic scale

10:30AM **Marc Weisskopf, PhD, ScD**  
Harvard T.H. Chan  
School of Public Health

Causal considerations in the epidemiology of exposure mixtures

11:00AM **Juan Ramon Gonzalez, PhD**  
ISGlobal, Barcelona Institute for  
Global Health

Privacy-protected exposome data analysis and its integration with omic data

11:30PM **Discussion**

## SESSION 2: Solutions-Oriented Exposome Research | *Co-chairs: Leda Chatzi, MD, PhD & Rob McConnell, MD*

12:30PM **Jack Gilbert, PhD**  
Scripps Institution of Oceanography  
University of California, San Diego

Invisible Influence: How the microbiome mediates environmental impacts on health

1:00PM **Chris Gennings, PhD**  
Icahn School of Medicine,  
Mount Sinai

Environmental Mixtures, Nutrition, and Exposomic Analysis

1:30PM **Jessie Buckley, PhD, MPH**  
Johns Hopkins Bloomberg School of  
Public Health

Glass half full: applying a solution-oriented research framework to advance environmental health

2:00PM **Matthew C. Cave, MD**  
University of Louisville School of  
Medicine

Environmental Liver Disease

2:30PM **Discussion**

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# October 27, 2021

This will be a **virtual** event. Register here:  
<https://www.accelevents.com/e/usceposomeandhealth>