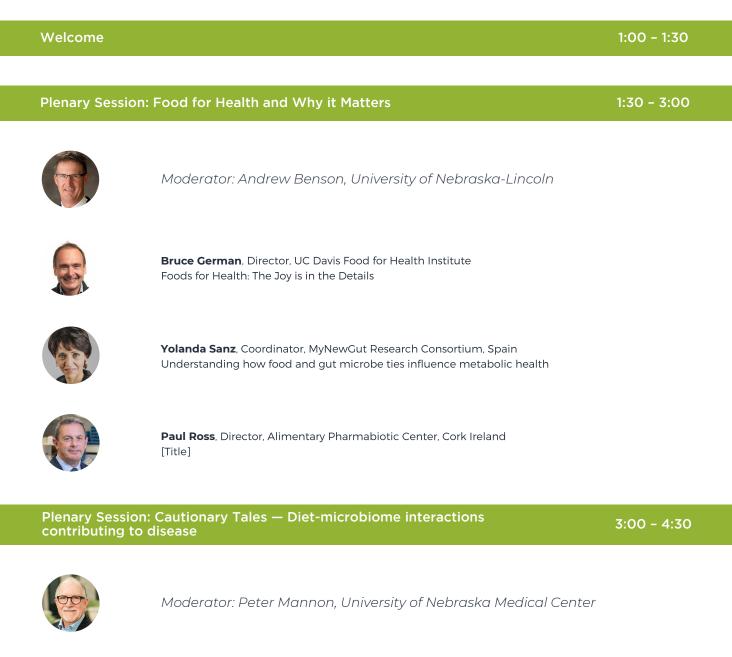
## **Conference Day 1** Monday, October 11 1:00 – 5:30 pm US Central Time







**Eugene B. Chang**, University of Chicago Diet-induced pathobionts and dietary constituent effects on host-microbe models of inflammation



Wendy Garrett, Harvard T.H. Chan School of Public Health Sulfur amino acids, the gut microbiota, chronic kidney disease and colon cancer



**Bernd Schnabl**, UC San Diego School of Medicine Microbiota-based therapies for liver disease

# **Conference Day 2** Tuesday, October 12 8:00 – 4:00 pm US Central Time



# AGRICULTURE & HEALTH SUMMIT

Cultivating Gut Health at the Crossroads of Food & Medicine October 11-13, 2021 Virtual Event

#### **Poster Session II**

Speaker Roundtable: Dietary Components and Modulation of the Gut Microbiome—what does the catalogue look like?

9:00 - 10:00

8:00 - 9:00



Moderator: Devin Rose, University of Nebraska-Lincoln



**Eric Martens**, University of Michigan Medical School Dietary fiber offsets mucosal damage and colitis progression



Mark Morrison, University of Queensland A little bit can go a long way: food additives and the gut microbiota



**Arie Levine**, Tel Aviv University Translating the effect of diet on the microbiome into interventions in IBD

Plenary Session: Complexity of the problem I — the challenge of understanding complex interactions between diet, microbiome, host, and health/disease across 10:00 - 11:30 populations of humans



Moderator: Jennifer Auchtung, University of Nebraska-Lincoln



**Laure Bindels**, UC Louvain, Belgium Harnessing the gut microbiome to tackle metabolic disorders associated with cancer



**Jens Walter**, Alimentary Pharmabiotic Center, Cork, Ireland Elucidating the role of the gut microbiota in the physiological effects of diet



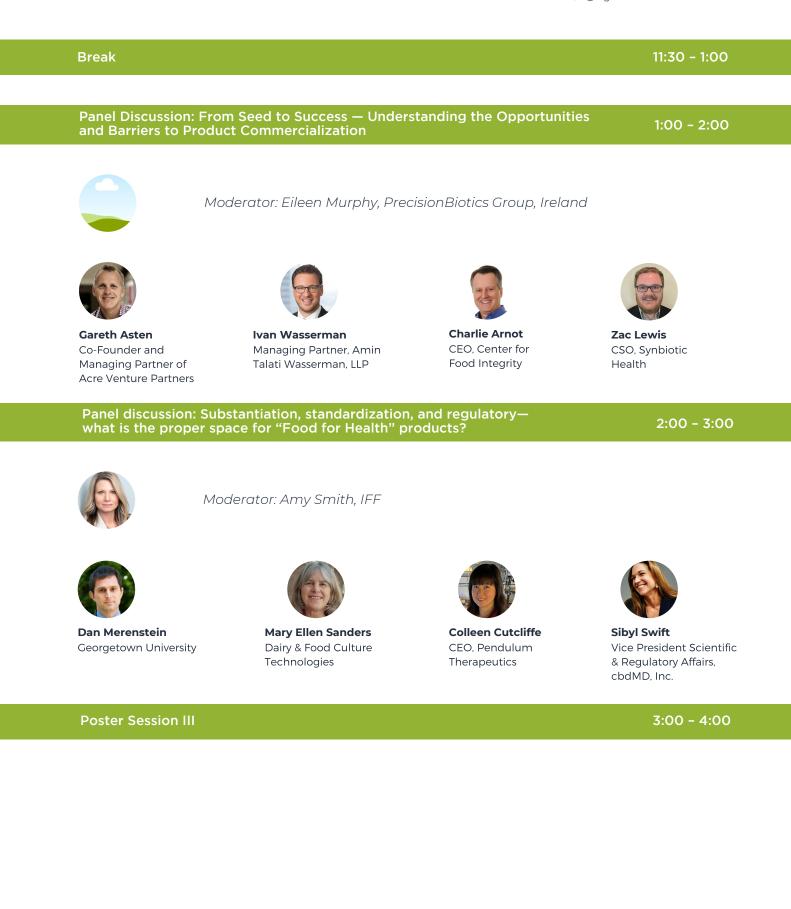
**Vince Young**, University of Michigan The microbiome in gastrointestinal infectious diseases: translation from from model systems to patients

### **Conference Day 2** Tuesday, October 12 8:00 – 4:00 pm US Central Time



# AGRICULTURE & HEALTH SUMMIT

Cultivating Gut Health at the Crossroads of Food & Medicine October 11-13, 2021 Virtual Event



**Conference Day 3** Wednesday, October 13 8:00 – 3:30 pm US Central Time



Cultivating Gut Health at the Crossroads of Food & Medicine October 11-13, 2021 Virtual Event

### **Poster Session IV**

Speaker Roundtable: Complexity of the problem II — what are the best dietary components for targeting the microbiome to improve human health?

9:00 - 10:00

8:00 - 9:00



Moderator: Mark Morrison, University of Queensland



**Deanna Gibson**, University of British Columbia Okanagan A Mediterranean-like fat blend protects against the development of severe colitis in the mucin-2 deficient murine model



**Bruce Hamaker**, Director, Whistler Center for Carbohydrate Research Alignment of fermentable dietary fibers with key gut bacteria



**Joël Doré**, Research Director, French National Research Institute for Agriculture, Food and the Environment (INRAE) [Title]

Plenary Session: Integrating prevention in susceptible individuals into disease management strategies

10:00 - 11:30



Moderator: Amanda Ramer-Tait, University of Nebraska-Lincoln



**Tiffany Weir**, Colorado State University Diet-induced Modulation of the Gut Microbiota for Cardiovascular Disease Prevention



**Alan Walker**, Rowett Institute, University of Aberdeen, UK Challenges and prospects for stratified microbiome-based interventions in susceptible individuals



**Nathalie Delzenne**, President, Louvain Drug Research Institute (LDRI)- UCLouvain New approaches to evaluate gut microbiome-nutrition interactions in health and diseases

## **Conference Day 3** Wednesday, October 13 8:00 - 3:30 pm US Central Time



Break		11:30 - 1:00
	Indtable: Opportunities and challenges for microbiome active Ig in crop plants	1:00 - 2:30
	Moderator: David Hyten Jr, University of Nebraska-Lincoln	
	<b>Seth Murray</b> , Texas A&M University Breeding for commercialization of whiskey terroir	
	<b>Jianming Yu</b> , Iowa State University Uncovering the Intertwined Relationships among Gene, Environment, Crop, an	d Human
	<b>Sherry Flint-Garcia</b> , University of Missouri The Genetics and Consequences of Maize Domestication and Breeding	
	<b>Andrew Benson</b> , University of Nebraska-Lincoln The human gut microbiome as a target for crop breeding: Mapping Microbiom Traits in Food Crops	e-Active
Panel discuse the diet-mice	sion: Taking it to the streets — commercializing innovation in robiome space	2:30 - 3:30
	Moderator: Bob Hutkins, University of Nebraska Lincoln	

**Alan Murray** Former CEO of NextFoods Inc, Consultant

**Patrick Veiga** Danone Nutricia Research



Susan Mitmesser Pharmavite Nurish