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

Welcome

1:00 – 1:30

Plenary Session: Food for Health and Why it Matters

1:30 – 3:00

Moderator: Andrew Benson, University of Nebraska-Lincoln

Bruce German, Director, UC Davis Food for Health Institute
Foods for Health: The Joy is in the Details

Yolanda Sanz, Coordinator, MyNewGut Research Consortium, Spain
Understanding how food and gut microbes influence metabolic health

Paul Ross, Director, Alimentary Pharmabiotic Center, Cork Ireland

[Title]

Plenary Session: Cautionary Tales — Diet-microbiome interactions contributing to disease

3:00 – 4:30

Moderator: Peter Mannon, University of Nebraska Medical Center

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

Poster Session I

4:30 – 5:30
Conference Day 2
Tuesday, October 12
8:00 – 4:00 pm US Central Time

Poster Session II
8:00 – 9:00

Speaker Roundtable: Dietary Components and Modulation of the Gut Microbiome—what does the catalogue look like?
9:00 – 10:00

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 populations of humans
10:00 – 11:30

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 model systems to patients
Conference Day 2
Tuesday, October 12
8:00 – 4:00 pm US Central Time

Panel Discussion: From Seed to Success — Understanding the Opportunities and Barriers to Product Commercialization

Moderator: Eileen Murphy, PrecisionBiotics Group, Ireland

Gareth Asten
Co-Founder and Managing Partner of Acre Venture Partners

Ivan Wasserman
Managing Partner, Amin Talati Wasserman, LLP

Charlie Arnot
CEO, Center for Food Integrity

Zac Lewis
CSO, Synbiotic Health

Panel discussion: Substantiation, standardization, and regulatory—what is the proper space for “Food for Health” products?

Moderator: Amy Smith, IFF

Dan Merenstein
Georgetown University

Mary Ellen Sanders
Dairy & Food Culture Technologies

Colleen Cutcliffe
CEO, Pendulum Therapeutics

Sibyl Swift
Vice President Scientific & Regulatory Affairs, cbdMD, Inc.

Poster Session III

3:00 – 4:00
Conference Day 3  
Wednesday, October 13  
8:00 – 3:30 pm US Central Time

**Poster Session IV**  
8:00 – 9:00

**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

**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
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<th>Time</th>
<th>Session</th>
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<td>8:00 – 3:30 pm</td>
<td>Conference Day 3: Wednesday, October 13, 2021, 8:00 – 3:30 pm US Central Time</td>
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<td>11:30 – 1:00</td>
<td>Break</td>
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<td>1:00 – 2:30</td>
<td>Speaker Roundtable: Opportunities and challenges for microbiome active trait breeding in crop plants</td>
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<td><strong>Moderator:</strong> David Hyten Jr, University of Nebraska-Lincoln</td>
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<td><strong>Seth Murray</strong>, Texas A&amp;M University</td>
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<td>Breeding for commercialization of whiskey terroir</td>
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<td><strong>Jianming Yu</strong>, Iowa State University</td>
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<td>Uncovering the Intertwined Relationships among Gene, Environment, Crop, and Human</td>
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<td><strong>Sherry Flint-Garcia</strong>, University of Missouri</td>
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<td>The Genetics and Consequences of Maize Domestication and Breeding</td>
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<td><strong>Andrew Benson</strong>, University of Nebraska-Lincoln</td>
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<td>The human gut microbiome as a target for crop breeding: Mapping Microbiome-Active Traits in Food Crops</td>
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<td>2:30 – 3:30</td>
<td>Panel discussion: Taking it to the streets — commercializing innovation in the diet-microbiome space</td>
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<td><strong>Moderator:</strong> Bob Hutkins, University of Nebraska Lincoln</td>
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<td><strong>Alan Murray</strong>, Former CEO of NextFoods Inc, Consultant</td>
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<td><strong>Patrick Veiga</strong>, Danone Nutricia Research</td>
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<td><strong>Susan Mitmesser</strong>, Pharmavite Nurish</td>
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