The 12th Vahouny Fiber Symposium

Organized by ILSI North America

December 14 and 15, 2020

Agenda

December 14, 2020 (Day 1) **– all times Eastern Time**

Welcome (9:30 am)

Wendelyn Jones, ILSI North America

Session 1 (9:40am)

Substantiating human physiological benefits for isolated and synthetic nondigestible carbohydrates

Introduction: Forty Years Featuring Fiber

David Klurfeld (Session Chair)
USDA Beltsville Agricultural Research Center (USA)

Evaluation of Scientific Evidence as Related to the FDA Regulatory Definition of Dietary Fiber

Fabiana Moura and Sarah Gebauer, FDA CFSAN (USA)

Intestinal Permeability

Michael Camilleri, Mayo Clinic (USA)

Break (10:50 am-11:10 am)

Impact of dietary fibre chemistry on consumer immunity

Paul de Vos, University of Groningen, (The Netherlands)

Gut-brain axis for cognitive function, behavior, and mood benefits

John Cryan, University College (Ireland)

Prebiotics, Gut Microbiome, and Health - Example of Calcium Metabolism and Bone Health

Connie Weaver, Distinguished Professor Emerita Purdue University and CEO of Weaver and Associates Consulting, LLC (USA)

Discussion

Break (1:00 pm – 1:30 pm)

December 14, 2020 (Day 1) **– all times Eastern Time**

Session 2 (1:30 pm)
Innovation Briefs

Kera Nyemb Diop,(Session Chair)
Mondelez International (USA)

Introduction to Innovation Briefs
Paula Trumbo (USA)

Effect of chicory inulin-type fructan–containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial
Presenter: Veerle Dam, Sensus (Royal Cosun) (The Netherlands)

Dried chicory root as a novel way to increase natural, multiple fiber intake
Presenter: Marie-Luise Puhlmann, Wageningen University & Research, (The Netherlands)

Measurement of available carbohydrates in grains, cereal products, vegetables, fruit food products with an AOAC validated method
Presenter: Barry McCleary, Megazyme (Ireland)

Appraising the human health impacts of fiber enrichment through reformulation modeling
Presenter: Kirstie Canene-Adams, Tate & Lyle (USA)

Break (2:45 pm – 3:30 pm)

Highly specific prebiotic dietary fibers allow predictable shifts in the gut microbiota
Presenter: Thaisa Moro Cantu-Jungles, Purdue University (USA)

Psyllium is superior to wheat bran for increasing stool output in healthy and constipated subjects
Presenter: Johnson W. McRorie Jr., Procter & Gamble (USA)

Evaluation of human health safety claims related to dietary fiber using the FDA Adverse Event Reporting System (CAERS)
Presenter: Derek A. Drechsel, PhD CTEH, LLC (USA)

The development and commercialization of high amylose wheat: an innovative solution to the dietary fiber gap
Presenter: Katie Harris, Bay State Milling Company (USA)

Digestive health benefits of high amylose wheat: a randomised controlled trial in healthy adults
Presenter: Damien Belobrajdic, Commonwealth Scientific and Industrial Research Organisation (CSIRO) (Australia)

End of Day 1 (4:45 pm)

December 15, 2020 (Day 2) **– all times Eastern Time**

Welcome (9:00 am)
Wendelyn Jones, ILSI North America

Session 3 (9:05 am)
Advancing Science: Applying Carbohydrate Knowledge

Advancing Knowledge in Carbohydrate Committee:
Maria Stewart, Ingredion Incorporated (USA)

When and how to use a free database tool on fiber and health outcomes
Nicola McKeown, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University (USA)

Break (9:45 am -10:00 am)

Session 4 (10:00 am)
Standardized protocol (PICO) for evaluating digestive tolerance of nondigestible carbohydrates among the general population

Introduction
George Fahey (Session Chair)
Professor Emeritus at University of Illinois (USA)

Considerations for Designing a Protocol to Evaluate Tolerance of Nondigestible Carbohydrates
Hannah Holscher, University of Illinois (USA)

Nondigestible Carbohydrate Intervention and Control Product Considerations in GI Tolerance Tests
Wendy Dahl, University of Florida

Defining study populations for evaluating digestive tolerance of nondigestible carbohydrates
DeAnn Liska, Texas A&M (USA)

Subjective and objective outcome parameters for the assessment of GI tolerance
Kristin Verbeke, KU Leuven (Belgium)

Break (12:10 – 12:30 pm)

Special considerations for gastrointestinal tolerance testing in children
Bruno Chumpitazu, Baylor College of Medicine (USA)

Discussion
Moderators: George Fahey, University of Illinois (USA) and
Joanne Slavin, University of Minnesota (USA)

Symposium Summary
Barbara Lyle, ILSI North America

Adjourn (1:45 pm)