

# PROBIOTICS RESOURCE CENTER

## Theater Schedule

### Speakers Bio & Abstract

DAY 2

Thursday November 3, 2022

1:00 – 1:40

Robert E. Steinert, PhD  
Global Scientific Lead Biocare Copenhagen



#### Bio

Dr Steinert currently serves as Global Scientific Lead Biocare Copenhagen, an affiliate of DSM Nutritional Products. He also holds a part time affiliation at the University of Zurich, Switzerland as research fellow and lecturer. Dr Steinert has 15+ years of experience in clinical research and R&D product development specializing in gut and metabolic health. He graduated from ETH Zurich with a PhD and postdoc focusing on Gastrointestinal Physiology and Nutrition. Dr Steinert is with DSM since 2014 in various functions including Clinical trial manager, Principal scientist, R&D lead gut health and Scientific marketing manager. He has co-authored +60 peer reviewed publications and more than 15 patents.

#### Company

Royal DSM is a global, purpose-led company in Health, Nutrition & Bioscience, applying science to improve the health of people, animals and the planet. DSM's purpose is to create brighter lives for all. DSM's products and solutions address some of the world's biggest challenges while simultaneously creating economic, environmental and societal value for all its stakeholders – customers, employees, shareholders, and society at large. The company was founded in 1902 and is listed on Euronext Amsterdam. More information can be found at [www.dsm.com](http://www.dsm.com).



### Host health benefits of probiotic *L. reuteri* 12246-CU and *L. rhamnosus* 19070-2

#### Abstract

*L. reuteri* 12246-CU and *L. rhamnosus* 19070-2 have been identified previously as among the best performing strains out of 47 selected *Lactobacillus* subspecies that were tested in vitro for its probiotic potential. Both strains demonstrated excellent pH tolerance and adhesion properties as well as strong antimicrobial activity. Human clinical trials confirm their persistence in the gastrointestinal tract and showed beneficial effects in young children with acute diarrhea and atopic dermatitis, as well as benefits in infants with colic by reducing cry and fuss time and in adults with an irritable bowel.

#### Key Elements

- *L. reuteri* 12246-CU and *L. rhamnosus* 19070-2 have been identified previously as among the best performing strains out of 47 selected *Lactobacillus* subspecies that were tested in vitro for its probiotic potential.
- Both strains demonstrated excellent pH tolerance and adhesion properties as well as strong antimicrobial activity.
- Human clinical trials further confirm their persistence in the GI tract and show beneficial effects in young children with acute diarrhea and atopic dermatitis, as well as benefits in infants with colic and adults with irritable bowel.