



The Scientific Program will be divided into three distinct themes, with each theme targeting a specific audience.

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[Day 1] Friday, April 16th – The program on DAY 1 is designed primarily for members of the probiotic industry such as manufacturers, probiotic research and development scientists, brand marketers, industry consultants, and regulatory officials. This session will cover advances in probiotic production technologies, incorporation into foods/beverages/nutritional supplements, etc. Also, there will be an overview of the international regulatory environment for probiotics and recommendations for what is needed to improve the status of probiotics as non-prescription dietary aids to improve health. Lastly, it will cover emerging areas of probiotic research.



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[Day 2] Saturday, April 17th – The program on DAY 2 is designed primarily for healthcare practitioners interested in learning more about the potential clinical benefits and safety of probiotics in clinical practice. Topics will include a general look at current perception of probiotics among healthcare professionals, as well as an overview of some of the mechanisms of action for probiotics. Last but not least, sessions will focus on clinical research on the use of probiotics for specific conditions as well as an overview of probiotic safety.

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7:45 – 8:45 Badge Pick Up, Breakfast, Poster Session

8:45 – 9:00 Welcome Message

Chair: Dr. Pramod Gopal, Ph.D.*Part 1 - Industrial Applications: What Makes a Microbe a Probiotic — Genome Comparison, Probiotic Genes, and Mechanisms of Action?*9:00 – 9:40 *Probiotics in Beverage Development — Challenges and Solutions*
Staffan Pålsson
CEO, CapAble AB
Sweden9:40 – 10:20 *Problems in Production and Probiotics Biotechnology as It Relates to Supplements*
Dr. Liubov Shynkarenko-Sichel, Ph.D.
VP of Research, Pure Research Products10:20 – 11:00 *New Probiotic Applications of Lactobacilli in Oral Care and Cosmetics*
Dr. Christine Lang, Ph.D.
CEO, Organobalance
Germany

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11:00 – 11:30 Coffee Break, Poster Session

11:30 – 12:10 *Modern Criteria for Probiotics Strain Selection*
Dr. Nadezhda Kovalenko, M.D.
Zabolotny Institute of Microbiology and Virology
of the Ukrainian Academy of Sciences
Ukraine12:10 – 12:50 *Probiotics in Pet Foods and Pet Food Supplements*
Dr. Gail Czarnecki-Maulden, Ph.D.
Senior Research Nutritionist, Nestle Purina

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12:50 – 13:50 Lunch

Chair: Dr. Gail Czarnecki-Maulden, Ph.D.13:50 – 14:30 KEYNOTE LECTURES (2 Parts):
PART 1
Genomic Analysis of Probiotic Cultures — Genes to Traits
Todd Klaenhammer, Ph.D.
Distinguished University Professor
William Neal Reynolds Professor
Departments of Food Science, Microbiology
NC State University14:30 – 15:10 PART 2
Post-Genomic Approaches to Unravel Probiotic Mode of Action
Prof. Michiel Kleerebezem, Ph.D.
NIZO Food Research
Top Institute Food and Nutrition
Wageningen University
The Netherlands15:10 – 15:50 *Metagenomic Approaches for Defining the Pathogenesis of Inflammatory Bowel Diseases*
Dr. Daniel Peterson, M.D., Ph.D.
Assistant Professor
Department of Pathology and Microbiology
University of Nebraska Medical Center

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15:50 – 16:20 Coffee Break, Poster Session

Part 2 - Regulations

16:20 – 16:50 *Evaluation of Probiotic Health Claims in Europe***Henk Van Loveren, Ph.D.**

Professor of Immunotoxicology
 National Institute of Public Health and the Environment
 The Netherlands
 EFSA (European Food Safety Authority) –
 NDA Panel of Experts

16:50 – 17:20 *Health Canada**Overview of Canadian Regulations***Don Boyer**

A/Director
 Bureau of Product Review and Assessment
 Natural Health Products Directorate

17:20 – 18:20 Poster Session

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18:30 – 21:30 Cocktail Party at the Pool Area

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7:45 – 8:45 Badge Pick Up, Breakfast, Poster Session

8:45 – 9:00 Welcome Message

Chair: Dr. Frederick Dumont, M.D.9:00 – 9:40 *Probiotics to Prevent Antibiotic-Associated Diarrhea and Clostridium Difficile Infection: Assessing the Evidence***Dr. Curtis Donskey, M.D.**

Assistant Professor of Medicine
 Louis Stokes Cleveland VA Medical Center

9:40 – 10:20 *Probiotics from a Healthcare Practitioner's Point of View***Dr. Robert Martindale, M.D.**

Medical Director for Hospital Nutrition Services
 Oregon Health Sciences University

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10:20 – 10:50 Coffee Break, Poster Session

10:50 – 11:30 *Early Acquisition of Intestinal Flora and Associated Consequences in Infancy and Beyond***Dr. Jose Saavedra, M.D.**

Associate Professor of Pediatrics
 Division of Gastroenterology and Nutrition
 Johns Hopkins University School of Medicine

11:30 – 12:10 *Probiotics for the Prevention and Treatment of Allergic Disease: Clinical and Immunological Effects***Dr. Mimi Tang, M.D.**

Director of Department of Allergy and Immunology
 Royal Children's Hospital, Melbourne
 Australia

12:10 – 12:50 *Probiotic Prevention of Intestinal Inflammation and Barrier Disruption: Impact on Digestive Health***Dr. D. Brent Polk, M.D.**

Professor of Pediatrics and Cell & Developmental Biology
 Director of Digestive Disease Research Center
 Vanderbilt University

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12:50 – 13:50 Lunch

Chair: Dr. Robert Martindale, M.D.13:50 – 14:30 *The Health Benefit of Probiotics in IBS
and on Their Modes of Action***Dr. Phillipe Ducrotte, M.D.**Head of Gastroenterology Department
Ruen University Hospital
France14:30 – 15:10 *Using the Bowel in Patients with Kidney Failure***Dr. Eli Freidman, M.D.**Distinguished Teaching Professor of Medicine
State University of New York Downstate Medical Center

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15:10 – 15:40 Coffee Break, Poster Session

15:40 – 16:20 *Effects of Probiotics in the Nervous System and Brain***Dr. John Bienenstock, C.M. M.D. (Hon.) FRCP,
FRCP, FRSC**Distinguished University Professor Department of Medicine
McMasters University
Canada16:20 – 17:00 *The Role of Probiotics in Host Metabolism***Dr. Martin Floch, M.D.**Clinical Professor of Medicine
Yale University School of Medicine

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17:00 – 17:15 Closing Remarks and End of IPA World Congress 2010