II International Summit on

Probiotics Health & Nutraceuticals

September 07-09, 2016

Venue

The DoubleTree by Hilton Baltimore-BWI Airport Hotel
Baltimore, MD, USA

Supporting Sponsors
IPN-2016 | September 07-09, 2016 | Baltimore, USA

Day 1

08:15-08:45  Onsite Registrations @ Pre-Function Area
08:45-09:00  Introduction to IPN 2016

Keynote Session

09:00-09:40  Safety Aspects of Application of Lactic Acid Bacteria and their Bacteriocins
Svetoslav Dimitrov Todorov, Universidade Federal De Vicosa, Brazil

09:45-09:40  Manipulation of the Gut Microbiome to Improve Health Outcomes. Which is Best?
Gerard E. Mullin, John Hopkins Hospital, USA

10:20-10:35  Coffee/Tea @ Main Hallway

10:35-11:15  Probiotics in the Treatment of Vulvovaginal candidiasis (VVC) and Bacterial Vaginosis (BV)
Franco Vicariotto, University of Milan, Italy

John F. Kokai-Kun, Synthetic Biologics Inc., USA

Featured Presentations

11:55-12:20  Phytochemicals and Aging: Current Insights
Hongwei Si, Tennessee State University, USA

12:00-12:20  Probiotics, Functional Foods and Adverse Food Reactions: Is there a Link?
Alessandro Di Cerbo, “G.D’Annunzio” University, Chieti, Italy

12:20-12:45  Functional Constituents of Yacon (Smallanthus sonchifolius)
Maria Lucia Masson, Universidade Federal Do Parana, Brazil

12:45-13:10  Lunch @ Edens Landing

14:00-14:25  Fermented Milk with Probiotic Lactobacillus rhamnosus S1K3 (MTCC5957) Protects Mice from Salmonella by Enhancing Immune and Non-Immune Protection Mechanisms at Mucosal Level After Prolonged Consumption
Tanedjeu S. Kemgang, National Dairy Research Council, India

14:25-14:50  Immunomodulatory Effect of Low Molecular Weight Fractions of G+ and G- Bacteria
Eva Kmonickova, The Czech Academy of Sciences, Czech Republic

Yata Praveen Kumar, Osmania University, India

15:15-15:40  Isolation of Probiotic and Lactic Acid Bacteria: Development of an Original, Sustainable and Robust Starter by Spray-Drying/Freeze-Drying
Antonio Fernandes De Carvalho, Inovaleite/Federal University of Vicosa, Brazil
15:40-16:00  Coffee/Tea @ Main Hallway
The Impact of an Antibiotic and a Probiotic on Antibiotic-Associated Diarrhea, the Microbiota and the Resistome: A Randomized, Double-Blind, Placebo-Controlled Study
Thomas A. Tompkins, Lallemand Health Solutions Inc., Canada

16:00-16:25  Anaerobically Cultivated Human Intestinal Microbiota - An Effective and Safe Alternative to the Use of Fresh Feces in Fecal Microbiota Transplantation (FMT)
Elisabeth Norin, Karolinska Institute, Sweden

16:25-16:50  The Relationship of Human Gut Microbiota with 25(OH)D and HbA1C Could Identify Species with Probiotic Properties
Elena Barengolts, University of Illinois, USA

16:50-17:15  Coffee/Tea @ Main Hallway

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Day 2 September 08, 2016

Featured Presentations @ Chesapeake

Chairs
Gary Miller, Wake Forest University, USA
Bernard Schmitt, Brittany University, France

10:00-10:25  Dietary Interventional Approaches to Mitigate Air Pollution Cardiovascular Effects
Haiyan Tong, US Environmental Protection Agency, USA

10:25-10:50  Nutrient and Food Groups Intakes Following Laparoscopic Roux-en-Y Gastric Bypass (RYGB)
Gary Miller, Wake Forest University, USA

Stoffer Loman, NutriClaim BV, The Netherlands

11:15-11:40  Coffee/Tea @ Main Hallway

11:40-12:05  Synbiotics: Traditional Approach, Present Status and Future Outlook
Ashwani Kumar, Punjab Agricultural University, India

12:05-12:30  Structural Insights into Pilus Formation in Probiotic Lactobacillus rhamnosus GG
Vengadesan Krishnan, Regional Centre for Biotechnology, India

12:30-12:55  Arming our Primitive Bowels to Stand Against Modern Elements
Kris A. Fuehr, Wholesome Yogurt Inc., USA

12:55-13:20  Cranberries and Urinary Tract Health: How can the Same Evidence Lead to Conflicting Advice?
DeAnn Liska, Biofortis Research, USA
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<td>13:20-14:05</td>
<td>Lunch @ Edens Landing</td>
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| 14:05-14:30  | The Potential of Probiotics: Their Application in the Health and Food Areas  
              Ozlem Osmanagaoglu, Ankara University, Turkey                   |
| 14:30-14:55  | Controlled, Randomized Double-Blind Study on the Effect of *Bifidobacterium animalis* Ssp Lactis Growth Activator (Ncp©) on Irritable Bowel Syndrome and Intestinal Disorders  
              Bernard Schmitt, Brittany University, France                    |
              S. Satyanarayana, Osmania University, India                      |
| 15:20-15:45  | Coffee/Tea @ Main Hallway                                            |
| 15:45-16:10  | Cowpea Peptides Could be Used to Alleviate Insulin Resistance  
              Florence O. Uruakpa, Missouri State University, USA             |
| 16:10-16:35  | Functional and Molecular Characterization of Genetically Manipulated Probiotic *B. coagulans* and Process Optimization for its High Cell Density Fermentation  
              Kavita R. Pandey, GNIRD, G.N.Khalsa College of Arts, Science & Commerce, India |
| 16:35-17:00  | The Inflammasome: Critical Regulator of Intestinal Microbiota and Inflammatory Disorders  
              Hasan Zaki, UT Southwestern Medical Center, USA                  |

**Day 3**

**September 09, 2016**

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<tr>
<td>10:00-12:05</td>
<td>Featured Presentations</td>
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<td>Chair Scott Bultman, University of North Carolina, USA</td>
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| 10:00-10:25  | The Fiber-Microbiota-Butyrate Axis in Tumor Suppression  
              Scott Bultman, University of North Carolina, USA                  |
| 10:25-10:50  | Intramammary Infusion of a Live Culture of *Lactococcus lactis* in Lactating Ewes with Subclinical and Clinical Mastitis: A Promising New Alternative for the Treatment of Mastitis?  
              Cinzia Marianelli, Istituto Superiore Di Sanità, Italy             |
| 10:50-11:15  | Gut Microbiome Modulators to Regulate Energy Balance  
              Hariom Yadav, National Institute of Diabetes, Digestive and Kidney Diseases (NIH), USA  |
| 11:15-11:40  | Soy Milk: Another Potential Source of Probiotic Bacteria  
              Steven Manzi, Vaal University of Technology, South Africa             |
| 11:40-12:05  | Probiotic Administration for *Helicobacter pylori* Infection Treatment  
              Yasaman Dasteh Goli, University of Maryland College Park, USA        |
| 12:05        | Lunch & Departures                                                   |
**Poster Session**

*Lactobacillus rhamnosus* GG Conditioned Media Regulates Free Radicals Homeostasis in J774 Murine Macrophages
Mosharraf Sarker, Teesside University, UK

Viability of Probiotic Cultures in Greek Yogurt During Refrigerated Storage
Rabin Gyawali, North Carolina A&T State University, USA

Date Palm (*Phoenix dactylifera* L.) as a Primary Constituent in Developing a Medium for Cultivation of Lactic Acid Bacteria
Amira Ayad, North Carolina A&T State University, USA

The Long Term Exposure Effects of Aspirin on Growth, Functionality and Protein Profile of *Lactobacillus rhamnosus* (ATCC 53103)
Temetiyo Obanla, North Carolina A&T State University, USA

Intestinal Epithelial Cell Adhesion of Potential Probiotic Strains: *In vitro* Study
Fadime Kiran, Ankara University, Turkey

Anti-obesity Effects of Potential Probiotic Strains on 3T3-L1 Adipocytes
G. Eda Yildirim, Ankara University, Turkey

Viability of Encapsulated *Pediococcus pentosaceus* OZF in Yogurt
Harun ONLU, Ankara University, Turkey

Common Probiotics Preparations and Use Within the Acute-care Setting
Brittney Patterson, San José State University, USA

Benefit of Probiotics and Prebiotics in Elderly Population
Hema Kundargi, San José State University, USA

The Benefits of Prebiotics and Probiotic Among Chronic Kidney Disease Patients
Roberta Ritter Spier, San José State University, USA

Probiotics and Behavioral Modulation
Jessica Keating, San José State University, USA

The Effects of Probiotics on IBS Symptoms
Luz Aceves Gonzalez, San José State University, USA

Does Gut Microbiome Link to Obesity?
Tugba Bayrak, San José State University, USA

Influence of Vitamin D on the Incidence of Breast Cancer in Riyadh City
Nora Alfais, Princess Nourah bint Abdulrahman, Saudi Arabia

Protective Effects of a Yeast Fermentate in Heat Stress Conditions
Henri Alex Giblot Ducray, Auburn University, USA
We wish to meet you again at IPN-2017

Scientific Partners

Associations

Collaborators

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