PROBIOTICS, PREBIOTICS & NEW FOODS, NUTRACEUTICALS AND BOTANICALS for NUTRITION & HUMAN and MICROBIOTA HEALTH

SCIENCE & BUSINESS SYMPOSIUM

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UNIVERSITÀ URBANIANA

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UNDER THE PATRONAGE
“The doctor of the future will no longer treat the human frame with drugs, but rather will cure and prevent disease with nutrition.” - Thomas Edison

MAIN TOPICS

MICROBIOTA

Omics & Gut Microbiota
Gut Microbiota & Metabolism
Gut Microbiota and drugs (Antibiotics, PPI, NSAIDs etc)
Gut Microbiota, Food & Immunomodulation
Gut Brain Axis
Liver FXR & Bile Acids
Women’s health: vaginal, preterm birth, pregnancy progression
Skin (acne, eczema, atopic dermatitis, wound health)

Microbiota:
- Diarrhea
- Celiac Disease
- IBD and its Extraintestinal Manifestations
- Irritable Bowel Syndrome
- Cardiovascular Disease
- Respiratory tract
- Cancer
- Genito - Urinary Tract

FECAL MICROBIOTA TRANSFER

PROBIOTICS, PREBIOTICS, FIBERS AND NUTRACEUTICALS

Molecular Basis of Probiotics, Prebiotics and Nutraceuticals
New Generation Probiotics, Prebiotics and Nutraceuticals
Health Effects
Biomarkers of Efficacy
Probiotics, Prebiotics and Nutraceuticals in:
- Diarrhea, IBD, IBS, Celiac disease
- Pediatrics
- Obesity, DT2, NAFLD
- Sport
- Elderly

POSTBIOTICS, SCFA AND MICROBES METABOLITES

NEW FOODS, BOTANICALS

Assessment of the Bioactivity of Food Components
Controlled Delivery of Food Bioactives
Food Matrix & Digestion
Sustainable Healthy Food Design
Nutrition in Active Seniors
Precision Nutrition

SCIENCE & INDUSTRY:

- Understanding the key concerns of probiotic in Europe and how to move forward
- Proposal for harmonized probiotic guidelines for use in foods and dietary supplements (CODEX) - how to meet the FAO/WHO definition (2001)
- Recognition for the probiotic category and voluntary criteria to qualify a “probiotic” in food, beverages and dietary supplements
- Regulatory considerations and quality control
- Partnering across the microbiome field - industry/academia
- Development, application & acquisition of technology platforms