

INTERNATIONAL SOCIETY OF MICROBIOTA

8th World Congress on

TARGETING MICROBIOTA 2021

October 20-22, 2021

Interactive Online Congress

Programme



www.microbiota-site.com

On behalf of the International Society of Microbiota, we are pleased to inform you that the 8th World Congress on Targeting Microbiota will be organized on October 20-22, 2021 as an Interactive Online meeting, including several sessions dedicated to Live Interactive Discussion & Networking between all participants and speakers.

During three days, two workshops will be dedicated to Gut & Skin Microbiota and many oral and poster communications will be presented. We will discuss the following issues:

- *Inaugural Speech: Microbiota 2021 - Vision & Gaps*
- *Microbiota Dysbiosis & COVID-19 – Recent Advances & Perspectives*
- *Epigenetic Activity of the Microbiota & Metabolites*
- *Brain, Behavior, Ageing and Microbiota*
- *Targeting Microbiome Big Data, Algorithms, Machine Learning Challenges*
- *Targeting Microbiota Dysbiosis: Strategies to Manipulate the Microbiome & Microbiota*
- *Microbiota Innovation, Challenges & Sprints*
- *Targeting Animal Microbiota Symposium*

This year, the International Society of Microbiota is also inviting you to present your innovative research in Microbiota & related fields.

I do believe that this would be the best future strategy for the 8th World Congress of Targeting Microbiota in 2021: a strong communication between basic, pre-clinical scientists and clinicians.

If you wish to present your studies and research, please send us a short summary. We are open to all your suggestions for the program of Targeting Microbiota 2021.

So, I hope to meet you at the next meeting to capture moments of conviviality and scientific inspirations by the many and best scientists we have in the world studying the various aspects of the microbiota.

All our warmest regards.



Prof. Peter C. Konturek

Teaching Hospital of the University of Jena, Germany
President of the International Society of Microbiota
www.microbiota-site.com

8th World Congress on

TARGETING MICROBIOTA

October 20-22, 2021 - Interactive Online Congress

Towards Clinical Revolution

INTERNATIONAL SOCIETY OF MICROBIOTA

Congress Sessions:

- Inaugural Speech: Microbiota 2021 - Vision & Gaps
- Microbiota Dysbiosis & Metabolites in Diseases: Mechanistic & Advances
- Epigenetic Activity of the Microbiota & Metabolites
- Brain, Behavior, Ageing and Microbiota
- Targeting Microbiome Big Data, Algorithms, Machine Learning Challenges
- Targeting Microbiota Dysbiosis: Strategies to Manipulate the Microbiome & Microbiota
- Microbiota Innovation, Challenges & Sprints
- Targeting Animal Microbiota Symposium

Microbiota 2021 Speakers



FMT 2021: Reorganization and Perspective
Peter C. Konturek, President of ISM & Teaching Hospital of the University of Jena, Germany



The Promise of Microbiota Modulation during COVID-19 Pandemic
Siew C Ng, The Chinese University of Hong Kong, Hong Kong



Gut Microbiota as Important Mediator Between Diet and DNA Methylation and Histone Modifications in the Host
Dina Bellizzi, University of Calabria, Italy



The Microbiome of IBD and the Potential of Machine Learning
Marcus Claesson, University College Cork, Ireland



Fecal Microbiota Transplantation in Dogs and Cats
Frederic Gaschen, Louisiana State University School of Veterinary Medicine, USA



Gut Microbiota Interactions with Cognitive Function
J. M. Fernández-Real, Hospital de Girona "Dr Josep Trueta", Universitat de Girona, Spain



The Eubiotic Potential Of Tannins In Piglets' Nutrition
Jakub Piwowski, Medical University of Warsaw, Poland



The Horse Gut Microbiome Responds in a Highly Individualized Manner to Forage Lignification
Andres Gomez, University of Minnesota-Twin Cities, USA



Gut Microbiota & Antibiotics
Maria Cecilia Giron, University of Padova, Italy



The Microbiome as a Bridge Linking Antibiotics and Intestinal Function
Valentina Caputi, The University of Arkansas, USA



Microbial Endocrinology as a Framework for understanding the Avian Microbiome in a Post-Antibiotic World
Joshua Lyte, USDA Agricultural Research Service, USA



Exosomes and Microbiota: Recent Advances and Perspectives
Rainer Mutschle, Biomedical Center Speyer, Germany



Introduction & Welcome Note
Marvin Edeas, Chairman of ISM Scientific Committee, Institut Cochin, INSERM U1016, Université de Paris, France



Microbiota Transfer Therapy for Autism: Multi-Omic Approaches and Lessons Learned
Rosa Krajmalnik-Brown, Arizona State University, USA



Role of Microbiota in Cardiometabolic Health: Strategies
Noel T. Mueller, Johns Hopkins University Bloomberg School of Public Health, USA



An Ecological Framework to Understand the Efficacy of Fecal Microbiota Transplantation
Yang-Yu Liu, Harvard Medical School & Brigham and Women's Hospital, USA



Fecal Microbiota and Metabolite profiles in IBD and IBS
Lena Öhman, University of Gothenburg, Sweden



Real-Time Monitoring of Ruminal Microbiota Reveals their Roles in Dairy Goats During Subacute Ruminal Acidosis
Shengru Wu, Karolinska Institutet & Northwest A&F University, China



Deciphering the Effect of Bacteria on Protein Conformational Diseases
Daniel M Czyz, University of Florida, USA



Tryptophan Metabolism in Gut Microbes and Brain Axis
Wei-Yun Zhu, College of Animal Science and Technology, Nanjing Agricultural University, China



Honeybees Microbiome: Recent Advances and Perspective on Compartmentalization in the Adult Gut
Daniele Daffonchio, King Abdullah University, Saudi Arabia



Microbiota Regulate Social Behavior via Stress Response Neurons in the Brain
Wei-Li Wu, California Institute of Technology, USA



Human Gut Microbiome Signature Reflects Healthy Aging and Predicts Survival in the Latest Decades of Life
Sean M. Gibbons, Institute for Systems Biology, University of Washington, USA



Reconstruction of Ancient Microbial Genomes from the Human Gut: Keynote Speech
Aleksandar Kostic, Harvard Medical School, USA



Gut-Brain Axis Regulation of Alzheimer's Disease Pathology
Giulio M Pasinetti, Icahn School of Medicine at Mount Sinai, USA



The Promise of Microbiota Modulation during COVID-19 Pandemic
Siew C Ng, Center for Microbiome Innovation, Jacobs School of Engineering, USA



Nonlinear Machine Learning Pattern Recognition & Bacteria-Metabolite Multilayer Network Analysis of P0erturbed Gastric Microbiome
Carlo Vittorio Cannistraci, Tsinghua University, China



Human Gut Microbes and COVID-19
Lanjuan Li, Zhejiang University, China



Faecal Microbiome Preservation Methods
Alena Pribyl, Microba, USA



Diet as Microbiome and Epigenetic Modulator in Diabetes and Obesity
Annalisa Terranegra, Sidra Medical and Research Center, Qatar



Linking Lactic Acid Bacteria from Food with the Gut Microbiome
Edoardo Pasolli, University of Naples Federico II, Department of Agricultural Sciences, Italy



What Can the Microbiota of the Naked Mole-Rat Tell Us - The Clue to Longevity
Gerd Birkenmeier, University of Leipzig, Germany



Role Of Microbiota-Gut-Brain Axis Dysfunctions Induced by Infections in the Onset of Anorexia Nervosa
Marie Galmiche, Normandie University, France



Exosomes and Microbiota: Recent Advances and Perspectives
Duncan Ross, Biomedical Center Speyer, Germany



8th World Congress on Targeting Microbiota

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Program

October 20, 2021

Dedicated to Gut & Skin Workshops

How to Evaluate & Modulate Gut Microbiota?

9h00 - 13h30
Live Workshop

- Present the role of the Gut Microbiota in human and discuss the consequences of its dysfunction on the body
- Discuss the methods of cultures and analysis of the Gut microbiota and present the controversies related to these methods
- We will discuss all methods related to Microbiota analysis, interpretation and animals' models
- Present the latest scientific innovations on the Gut Microbiota, the opportunities and challenges ahead
- The development of pre, pro and post-biotics with a view to understand how these formulations may be at the heart of rebalancing and strengthen the microbiome



Carole Nicco,
Institut Cochin - INSERM U1016, Université de Paris, France

For full agenda, registration, and information, please follow this link

GUT WORKSHOP

How to Evaluate Skin Microbiota 2021?

14h00 - 18h00

- General introduction to the skin microbiota
- Involvement of the microbiota in skin pathologies
- How to study microbiota and skin microbiota?
- The manipulation of microbial communities
- How to prepare and launch your range of cosmetic products?



Florence Abdallah,
University of Paris Sud – INSERM 1184, France

For full agenda, registration, and information, please follow this link

SKIN WORKSHOP

Targeting Microbiota 2021 Congress

Day 1 – Thursday, October 21, 2021

Targeting Microbiota 2021 - Mechanisms & Pathologies



8:45 am

Welcome Remarks

Peter C. Konturek, *President of ISM & Teaching Hospital of the University of Jena, Germany*



Marvin Edeas, *Chairman of ISM Scientific Committee, Institut Cochin, INSERM U1016, Université de Paris, France*



9:00 am: **Inaugural Speech by**

Rosa Krajmalnik-Brown, *School of Sustainable Engineering and The Built Environment, Arizona State University, USA*

Microbiota Transfer Therapy for Autism: Multi-Omic Approaches and Lessons Learned

Session 1: Microbiota Dysbiosis & COVID-19 – Recent Advances & Perspectives

9:45 am
Recorded



The Promise of Microbiota Modulation during COVID-19 Pandemic

Siew C Ng, *The Chinese University of Hong Kong, Hong Kong*

10:10 am
Recorded



Human Gut Microbes and COVID-19

Lanjuan Li, *Zhejiang University, China*

10:35 am

Coffee Break

Session 2: Epigenetic Activity of the Microbiota & Metabolites

10:45 am
Recorded



Microbiota as Important Mediator Between Diet and DNA Methylation and Histone Modifications in Host

Dina Bellizzi, *University of Calabria, Italy*

11:10 am
Recorded



Diet as Microbiome and Epigenetic Modulator in Diabetes and Obesity

Annalisa Terranegra, *Sidra Medical and Research Center, Qatar*

Session 3: Brain, Behavior, Ageing and Microbiota

11:35 am
Live



Gut-Brain Axis Regulation of Alzheimer's Disease Pathology
Giulio M Pasinetti, Icahn School of Medicine at Mount Sinai, USA

12:15 pm
Recorded



Tryptophan Metabolism in Gut Microbes and Brain Axis
Wei-Yun Zhu, College of Animal Science and Technology, Nanjing Agricultural University, China

12:40 pm
Live



Gut Microbiota Interactions with Cognitive Function
J. M. Fernández-Real, Hospital de Girona "Dr Josep Trueta", Universitat de Girona, Spain

01:05 pm
Recorded



Role of Microbiota-Gut-Brain Axis Dysfunctions Induced by Infections in the Onset of Anorexia Nervosa
Marie Galmiche, Normandie University, France

01:30 pm



What Can the Microbiota of the Naked Mole-Rat Tell Us – The Clue to Longevity
Gerd Birkenmeier, University of Leipzig, Germany

01:55 pm
Recorded



Human Gut Microbiome Signature Reflects Healthy Aging and Predicts Survival in the Latest Decades of Life
Sean M. Gibbons, Institute for Systems Biology, University of Washington, USA

02:20 pm
Recorded



Deciphering the Effect of Bacteria on Protein Conformational Diseases
Daniel M Czynz, University of Florida, USA

02:45 pm
Live



Microbiota Regulate Social Behaviour Via Stress Response Neurons in the Brain
Wei-Li Wu, California Institute of Technology, USA

Session 4: Targeting Microbiome Big Data, Algorithms, Machine Learning Challenges

03:20 pm
Live



Nonlinear Machine Pattern Recognition and Bacteria-Metabolite Multilayer Network of Perturbed Gastric Microbiome
Carlo V. Cannistraci, Tsinghua University, China

03:35 pm
Recorded



The Microbiome of IBD and the Potential of Machine Learning
Marcus Claesson, University College Cork, Ireland

04:00 pm

Coffee Break

Short Oral Presentations of Day 1

MiCoMo: A Miniature Multi-Bioreactor System for Stable and Reproducible In Vitro Investigation of Gut Microbiome
Zijie Jin, McGill University, Canada

FlowSoFine - Analysing Microbial Patterns by Flow Cytometry
Stefan Janssen, Justus Liebig University Giessen, Germany

Generation of Microbial Compositions From 16S rRNA Sequences — Are You Generating Medically Meaningful Analyses?
Eric Nayman, Herbert Wertheim College of Medicine, USA

Nanopore Sequencing Approaches to Profile the Gut Microbiota of Mice Infants Exposed to Alcohol In Utero
Cristiano Pedroso-Roussado, University of Brighton, United Kingdom

Longitudinal Multi-Omics Reveals Subset-Specific Mechanisms Underlying Beneficial Effects of Sim01 on Covid-19
Lin Zhang, The Chinese University of Hong Kong, China

Gut Microbiota Interplay with Covid-19 Reveals Links to Host Lipid Metabolism Among Middle Eastern Populations
Mohammad T. Al Bataineh, Khalifa University, United Arab Emirates

Persistent Intestinal Dysbiosis After SARS-CoV-2 Infection in Brazilian Patients
Gislane Lelis Vilela De Oliveira, Sao Paulo State University, Brazil

Alteration of the Gut Microbiota Following SARS-CoV-2 Infection Correlates with Disease Severity in Experimental Models of Covid-19
Corinne Granette, Institut Pasteur de Lille, France

Use of a Hypocaloric, Low-Carbohydrate Diet in Covid
Victor Martinez, CESCAM, Mexico

H. Pylori: A Pathogen or A Member of the Microbiome?
Aleksandr Igorevich Burmistrov, A.I. Yevdokimov Moscow State University of Medicine and Dentistry, Russia

Altered Gut Microbiota and Endocannabinoid System Tone in Vitamin D Deficiency-Mediated Chronic Pain
Francesca Guida, University of Campania, Italy

Recent Evidence for Benefit-Risk Analysis of Raw and Pasteurized Milks
Peg Coleman, SUNY ESF/Coleman Scientific Consulting, USA

Salivary Microbiome Composition in Qatari Subjects with Increased Risk of Cardiovascular Disease
Selvasankar Murugesan, Sidra Medicine, Qatar

The Role of Nutritional Status as An Epigenetic Modulator in Type 1 Diabetes in Pediatric Population of Qatar
Amira Kohil, Sidra Medicine, Qatar

The Correlation Between Microbiota and Asthma
I-Jen Wang, Taipei Hospital, Ministry of Health and Welfare; National Yang-Ming University; China Medical University, Taiwan

In Situ Modulation of the Gut Microbiome and Microbial Metabolites for Improved Systemic Antitumour Immunity
Kai Han, University of Michigan, USA

Fasting and Fasting Mimetics Modulate Gi-Microbiota and its Metabolites, Corresponding with the Expression of Sirts, Epigenetic Methylation and Telomers
Alexander G. Haslberger, University of Vienna, Austria

Maternal Exposure to Glyphosate Induces Alterations in Gut Microbiota Composition in Mice Associated with Anxiety and Depression-Like Behaviors
Lisa Buchenauer, Helmholtz Centre for Environmental Research Leipzig, Germany

Postbiotic Metabolite - Urolithin A as a Lead Molecule for Atopic Dermatitis
Sebastian Granica, Medical University of Warsaw, Poland

Synthetic Derivatives of Urolithin A Increase CACO-2 Monolayer Integrity, Impede Intestinal Glucuronidation, and Suppress TNF Alpha Production in THP-1 Derived Macrophages
Maciej Korczak, Medical University of Warsaw, Poland

A Systematic Review on the Latest Development of Probiotics Intervention as Prevention and Therapy for Covid-19 Infection
Learn-Han Lee, Monash University Malaysia, Malaysia

Exploring Gut Microbiota Composition of Disease Severity in Auto-Inflammatory Disease
Idil Yet, Hacettepe University, Institute of Health Sciences, Turkey

Betulinic Acid Derived Compound PB-01 Inhibits Commensal Growth to Modulate the Gut Microbiome
Ho Pan Sham, Pan-Biome Pharmaceuticals, Canada

Feeding with Sustainably Sourdough Bread has the Potential to Promote the Healthy Microbiota Metabolism at the Colon Level
Alessio Da Ros, Free University of Bolzano, Italy

5:00 pm – 7:00 pm Paris time

Interactive Live Discussion & Networking of Day 1

Dedicated to Questions & Networking with All Speakers

End of the First Day

Clinical Studies & Innovations & Animal Microbiota

Welcome note

09:00 am: **Keynote Speech**



Reconstruction of Ancient Microbial Genomes from the Human Gut
Aleksandar Kostic, Harvard Medical School, USA

Session 5: Targeting Microbiota Dysbiosis: Strategies to Manipulate the Microbiome & Microbiota

09:30 am
Recorded



Fecal Microbiota and Metabolite Profiles in IBD and IBS
Lena Öhman, University of Gothenburg, Sweden

09:55 am
Recorded



An Ecological Framework to Understand the Efficacy of Fecal Microbiota Transplantation
Yang-Yu Liu, Harvard Medical School & Brigham and Women's Hospital, USA

10:20 am

Coffee Break

10:30 am
Recorded



Evaluation of the Effect of Storage Methods on Fecal, Saliva, and Skin Microbiome Composition
Se Jin Song, Center for Microbiome Innovation, Jacobs School of Engineering, USA

10:55 am
Live



Gut Microbiota & Antibiotics
Maria Cecilia Giron, University of Padova, Italy

11:20 am
Recorded



The Microbiome as a Bridge Linking Antibiotics and Intestinal Function
Valentina Caputi, University of Arkansas, USA

11:45 am
Recorded



Microbial Endocrinology as a Framework for Understanding the Avian Microbiome in a Post-Antibiotic World
Joshua Lyte, USDA Agricultural Research Service, USA

12:10 pm

Lunch Break

Session 6: Microbiota Innovation, Challenges & Sprints

12:25 pm
Recorded



Linking Lactic Acid Bacteria from Food with the Gut Microbiome
Edoardo Pasoli, University of Naples Federico II, Department of Agricultural Sciences, Italy

12:50 pm
Recorded



Critical Evaluation of Faecal Microbiome Preservation using Metagenomic Analysis
Alena Pribyl, Microba Life Sciences, Australia

01:15 pm



Role of Microbiota in Cardiometabolic Health: Strategies
Noel T. Mueller, Johns Hopkins University Bloomberg School of Public Health, USA



Exosomes and Microbiota: Recent Advances and Perspectives
Duncan Ross, Biomedical Center Speyer, Germany

01:40 pm



Rainer Mutschler, Biomedical Center Speyer, Germany

Session 7: Targeting Animal Microbiota Symposium

02:05 pm
Recorded



Fecal Microbiota Transplantation in Dogs and Cats
Frederic Gaschen, Louisiana State University School of Veterinary Medicine, USA

02:30 pm
Live



Eubiotic Potential of Tannins in Piglets' Nutrition
Jakub Piwowarski, Medical University of Warsaw, Poland

02:55 pm



Real-Time Monitoring of Ruminal Microbiota Reveals Their Roles in Dairy Goats During Subacute Ruminal Acidosis
Shengru Wu, Northwest A&F University, China

03:20 pm
Recorded



The Horse Gut Microbiome Responds in a Highly Individualized Manner to Forage Lignification
Andres Gomez, University of Minnesota-Twin Cities, USA

03:45 pm
Recorded



Honeybees Microbiome: Recent Advances and Perspective on Compartmentalization in the Adult Gut
Daniele Daffonchio, King Abdullah University, Saudi Arabia

04:10 pm – 06:00 pm

Short Oral Presentations of Day 2

Gut Microbiome Predicts Clinically Important Improvement in Patients with Rheumatoid Arthritis
Jaeyun Sung, Mayo Clinic, USA

Gut Microbiome Composition is Associated with Age and Memory Performance in Pet Dogs
Soufiane Bel Rhali, Eötvös Loránd University, Hungary

Encapsulation of Microorganisms for Oral Delivery of Fecal Microbiota Transplantation
Adele Rakotonirina, University of Geneva, Switzerland

Modulation of the Intestinal Microbiota by Probiotic Fermented Milk with Fruit Pulps
Ana Lucia B. Penna, São Paulo State University, Brazil

Assessment of Species Richness of the Gut Microbiota in Adults with Functional Constipation Supplemented with a Prebiotic Formulation
Rene Erhardt, The University of Queensland, Australia

Biotransformation of the Constituents of Medicinal Plants Used in the Urinary Tract Infections by Human and Pig Gut Microbiota
Dominik Popowski, Medical University of Warsaw, Poland

Spray Coating of *Lactobacillus rhamnosus* with Methacrylic Polymers for Local Application
Karola Lima-Engelmann, Saarland University, Germany

Potential Effect of Diet on Microbiome and Epigenetic Modifications on the Cardiovascular Risk Factors in Qatari Obese Population
Arun Prasath Lakshmanan, Sidra Medicine, Qatar

Impact of Diet and Gut Dysbiosis on Women During Pregnancy and Delivery
Shaikha Alabduljabbar, Sidra Medicine, Qatar

Probiotic Supplementation and Micronutrient Status in Healthy Subjects: A Systematic Review of Clinical Trials
Ahmad Saedisomeolia, McGill University, Canada

Targeting Skiome Project: Challenges in Data-Driven Approaches
Giulia Agostinetti, University of Milano-Bicocca, Italy

06:00 pm – 08:00 pm

Poster Presentations

Selection of Psychobiotic Microorganisms and Development of a Dietary Supplement with Potential Effect on Mental Health
Melania Casertano, University of Naples Federico II, Italy

Effects of Methylmercury Intoxication on Gut Microbiota, Intestinal Barrier, and Oxidative Stress in C57BL/6J Mice Fed a High-Fat Diet
Synara Cavalcante Lopes, Federal University of Ceara, Brazil

Flavonoid Biotransformation – A Method for Obtaining Compounds Positively Affecting the Intestinal Microbiome
Monika Dymarska, Wrocław University of Environmental and Life Sciences – Poland

Insect Meal as Alternative to Traditional Protein Source in *Sparus aurata* Diet
Dimitri Fabrikov, University of Almería, Spain

Identification of Biofilm Associated Amyloids from the Gut Microbiota and Evaluation of its Role in Neurodegeneration
Ariadna Fernández-Calvet, Agrobiotechnology Institute (CSIC-Gobierno de Navarra), Spain

Research on Natural Products Applied in Anxiety and Mood Disorders with Regard to Gut Microbiota
Aleksandra Gorczyńska, Medical University of Warsaw, Poland

Gut-Derived Indole-3-Propionic Acid May Modulate the Mitochondrial Organization in Hepatic Stellate Cells
Mariana Ilha, University of Eastern Finland, Finland

Gut Microbiota Composition and Short-Chain Fatty Acids in Patients with HIV and HIV/HCV Co-Infection
Thananya Jinato, Chulalongkorn University, Thailand

Anti-Inflammatory Activity of Linden Flower Extract Metabolites
Aleksandra Kruk, Medical University of Warsaw, Poland

Honeys of Unrelated Botanical and Geographical Origin Have a Different Impact on the Gut Microbiota of Healthy Mice
Andrea Laconi, University of Padua, Italy

Gut Microbiota-Mediated Glucagon-Like Peptide-1 Modulates Locomotor Activity via Vagal-Dependent Pathway
Tzu-Ting Lai, National Cheng Kung University, Taiwan

The Benefit of Yeast Probiotic in Gut Modulation: A Systematic Review
Vengadesh Letchumanan, Monash University Malaysia, Malaysia

The Impact of Early-Life Antibiotic Exposure on the Behaviors and Gut Microbiota in Mice
Yuan Yuan Lin, Cheng Kung University, Taiwan

Bacterial Fermentation Products in the Brain Mediate Social Novelty through the Neurons in BNST
Chia-Wei Liou, National Cheng Kung University, Taiwan

Targeting the Microbiota-Gut-Brain Axis in Alzheimer's Disease for New Possible Biomarkers
Jonas Mingaila, Vilnius University, Lithuania

Gut Microbiota Predicts the Progression of Early Parkinson's Disease
Hiroshi Nishiwaki, Nagoya University, Japan

Dysbiosis and Intestinal Hiperpermeability in Hashimoto Thyroiditis
Leticia Pacifico, Universidade Estadual Paulista, Brazil

Bean Pods of *Phaseolus vulgaris* as A Support for UTI Therapy – Study of Anti-Adhesive Activity, Intestinal Permeability, and Gut Microbiota Biotransformation In Vitro
Karolina Anna Pawlowska, Warszawski Uniwersytet Medyczny, Poland

Variations of the Cutaneous Facial Microbiome Depending on Endogenous and Exogenous Factors
Clémence Robert, Complife Italia, Italy

Dietary Supplementation with Spray-Dried Porcine Plasma Has Prebiotic Effects on Gut Microbiota in Senescent Mice
Cristina Rosell-Cardona, Universitat de Barcelona, Spain

Colonic SCFA-Producing Pathways Leans Towards a More Efficient Synthesis During Iron Deficiency Anaemia
Ana Soriano Lerma, University of Granada, Spain

Identification and Quantification of the Microbiome in Colorectal Cancer Metastases
Philippe Stevens, Université Catholique de Louvain, Belgium

The Probiotic Yeast *Saccharomyces boulardii* CNCM I-745 Prevents Invasion of Vaginal Epithelial Cells by *Candida Albicans* and *Gardnerella vaginalis*
Philippe Tixador, Biocodex, France

Dysbiosis of the Gut Microbiota and Decreased Fecal Short-Chain Fatty Acid Levels in Patients with Ulcerative Colitis: A Hospital-Based Case-Control Study
Ryodai Yamamura, Hokkaido University, Japan

5:00 pm – 7:00 pm Paris time

*Concluding Remarks by Peter Konturek, Teaching Hospital of the
University of Jena, Germany*

Interactive Live Discussion & Networking of Day 2

Dedicated to Questions & Networking with All Speakers

Scientific & Innovations Awards

End of Targeting Microbiota 2021