International Society of Microbiota

Scientific Agenda

Targeting Microbiota 2019
Towards Clinical Revolution

October 10 - 11, 2019
Park Inn Hotel - Krakow, Poland

www.microbiota-site.com
On behalf of the International Society of Microbiota, we are pleased to inform you that the 7th World Congress on Targeting Microbiota will be organized in Park Inn Hotel - Krakow, Poland, on October 10 - 11, 2019.

During those days, a lot of oral and poster presentations will be introduced and will cover many hot topics:

- **Microbiota 2019 : Recent Advances & Perspectives**
- **Microbiota Metabolites and Metabolome: Challenges & Perspectives**
- **Challenges of microbiota-host cross-talk understanding and intestinal microbiome signaling to extraintestinal organs**
- **Microbiota & medicine of tomorrow: Development of effective therapeutic strategies to manipulate the gut microbiota**
- **New Session dedicated to Built Environment Microbiome**
- **Special Workshop dedicated to Skin microbiota 2019: From basics to applied cosmetics and skin care**
  - The first part - Skin Microbiota: Recent advances and perspectives
  - The second part - Strategies to modulate and affect skin microbiota in health and diseases

I do believe that this would be the best future strategy for the 7th World Congress of Targeting Microbiota in 2019: strong communication between basic, pre-clinical scientists and clinicians.

**Microbiota & Medicine of Tomorrow: The Revolution**

The Microbiota and microbiome are transforming deeply our understanding of Medicine of tomorrow. It is really a revolution which allows us to rethink and redesign our strategies about the way we will prevent and treat many diseases and pathologies.

Among the strategic questions which will be debated:

- How can all big data generated by microbiota sequencing or the metabolome be used?
- Can we speak about Artificial Intelligence and microbiota medicine?
- What is the credibility of tests, devices probiotics the market?

I hope to meet you at the next meeting to capture moments of conviviality and scientific inspirations and to study the various aspects of the microbiota with the best scientists we have in the world.

Krakow is a unique place for visitors and offers the most convenient and pleasant settings for international congresses, and has the oldest and largest academic centers in Poland. The city is famous for its historical old town (UNESCO World Heritage Site) along with the Wawel castle and the city’s Kazimierz district. Krakow can be easily reached by plane, train or car.

Looking forward to seeing you soon,

Our warmest regards.

Prof. Peter C. Konturek - President of ISM
Teaching Hospital of the University of Jena, Germany
7th World Congress on Targeting Microbiota
October 10-11, 2019 - Park Inn Hotel, Krakow, Poland

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Reminder Key Dates: Submit your abstract for:
Oral Presentation before September 12, 2019
Poster Presentation before September 28, 2019

Day 1 – Wednesday, October 9, 2019
17h00 – 18h00  Registration – Badges & Material Providing

Day 2 – Thursday, October 10, 2019
7h45   Welcoming & registration of attendees
8h50   Introduction note by the President of ISM Targeting Microbiota 2019, Prof. Peter Konturek

Session 1: Microbiota 2019: Recent Advances & Challenges

9h00   Metabolic and Metagenomic Consequences of E. coli Infections
       Matteo Serino, Inserm and Digestive Health Research Institute, France

9h20   Brain-Gut-Microbiota Axis in Alzheimer’s Disease
       Agata Mulak, Wroclaw Medical University, Poland

9h40   Risk for Diabetes and Cardiovascular Diseases in the Qatari population: Can the salivary microbiome predict it?
       Souhaila Al Khodor, Sidra Medical and Research Center, Qatar

10h00  Carcinogenic Microbiota of Oral Cavity
       Tomasz M. Karpiński, Poznań University of Medical Sciences, Poland

10h20  Short oral presentation (7 minutes for presentation + 3 min for questions)

10h40   Coffee Break, Network & Poster Session
11h10 Microbiota Dysbiosis is Associated with HPV-Induced Cervical Carcinogenesis
Wojciech Kwasniewski, Medical University of Lublin, Poland

11h30 The Impact of Lactobacillus, Bifidobacterium, E.Coli and Lactoferrin on the Phenomenon of Translocation in the Low-Birth-Weight Preterm Neonates
Magdalena Strus, Jagiellonian University Medical College, Poland

Short oral presentations (7 minutes for presentation + 3 min for questions)

Morphology of Blood Microbiota Accessed by Light and Electron Microscopy
Stefan Panaiotov, National Center of Infectious and Parasitic Diseases, Bulgaria

12h30 Lunch Break, Network & Poster Session

Session 2: Microbiota Metabolites and Metabolome: Challenges & Perspectives

14h00 Gut Bacterial Metabolites as Markers and Mediators of Cardiovascular Aging
Marcin Ufnal, Medical University of Warsaw, Poland

14h20 Microbiota and Metabolomics: Effects of Bariatrics Surgery
Paulina Samczuk, Medical University of Białystok, Poland

14h40 Short oral presentations (7 minutes for presentation + 3 min for questions)

15h30 Coffee Break, Network & Poster Session

16h30 Major Talks related to Session 1 and 2

18h15 End of the day

20h00 Targeting Microbiota Dinner

Day 3 – Friday, October 11, 2019

8h25 Opening of the second day

Session 3 - Workshop: Skin microbiota 2019: From basics to applied cosmetics and skin care

8h30 General Introduction of the session
Dialogue between the Skin and the Microbiota: The Immune System is Under Control
Chantal Pichon, French National Centre for Scientific Research, France

09h00 Intestinal Barrier, Gut Microbiota and Psoriasis
Mariusz Sikora, Medical University of Warsaw, Poland

09h20 Skin Microbiota: Recent Advances and Perspectives
Strategies to Modulate and Affect Skin Microbiota in Health and Diseases?
Florence Abdallah, University Paris-Sud, France

10h30 Coffee Break, Network & Poster Session

Session 4: Session on Built Environment Microbiome

11h15 General Introduction of the session
Special Session on Built Environment Microbiome
Markus Egert, Furtwangen University, Germany

11h45 International Space Station and Hospital Environments: Composition and Function of Microbiomes in Confined Built Environments
Christine Moissl-Eichinger, Medical University Graz, Austria
Modulating the Microbiota of the Hospital Environment by Probiotic Cleaning: Impact on Infections and Antimicrobial Resistance

Elisabetta Caselli, University of Ferrara, Italy

Lunch Break, Network & Poster Session

Session 5: Microbiota & medicine of tomorrow:
Development of effective therapeutic strategies to manipulate the gut microbiota

Gut Microbiota and Graft-versus-host Disease in Patients after Bone Marrow Transplantation: FMT as a prevention or treatment?

Jaroslaw Bilinski, Medical University of Warsaw, Poland

MicroRNA in Host-Microbiome Interaction and Probiotics

Elena M Comelli, University of Toronto, Canada

Hyaluronan, A New Neuroimmune Modulator of the Microbiota-Immune-Gut-Axis

Cristina Giaroni, University of Insubria, Italy

Psychotropic Drugs and Microbiota - Important and Little Known Interaction

Igor Loniewski, Pomeranian Medical University, Poland

Short oral presentations

Fermented Milk by Lactobacillus Delbrueckii Cidca133, Carrying the Vaccinal Plasmid Pexu:Hps65 Ammeliorates Intestinal Mucositis in Murine Model

Mariana Martins Drumond, Federal Center for Technological Education of Minas Gerais, Brazil

Coffee Break, Network & Poster Session

Short oral presentation: Submit your innovations

Round Table Discussion: The Scientific Committee will discuss two topics:

1) The future of Microbiota Medicine
2) The future of Microbiota Investments

Peter Bak from Back Bay Life Science Advisors, USA will provide his vision and recommendations: Corporate Development in the Microbe Space: Has Investment Outpaced Science?

Concluding remarks

Targeting Microbiota 2019 Scientific & Innovation Awards

End of Targeting Microbiota 2019

SUBMIT YOUR QUESTIONS

Before September 15, 2019 and WIN…

Despite the wealth of data typically presented, many questions of the participants remain unanswered, and for many scientists, even those who have been considered as keynote speakers, there is only limited opportunity to interact with colleagues. To facilitate the scientific discussion and make the conference more interactive, the scientific committee has decided to include a round table discussions that address hot topics, challenges and pressing questions to various areas of Microbiota medicine and research.

All questions will be answered and the most pertinent and critical questions will be awarded with the free registration at the Next Microbiota 2020.

All participants are invited to participate in these discussions by sending their questions and thoughts before the meeting by the September 15, 2019 to microbiota@microbiota-site.com