



Welcome to:
10 quadrillion
microorganisms!



7th Theodor Escherich Symposium 2020 online webinar

Graz, AUSTRIA, October 21-23rd, Host: TU Graz

Program: Wednesday, 21st October 2020

Session 1: Environmental Microbiome

Chair: Birgit Wassermann

15:00 (10 min) Opening and welcome note
Gabriele Berg, Graz University of Technology, Austria

Invited Speakers

15:10 (40 min) “Microbiome studies: a tool or trap in food safety management systems?”
Lise Korsten, University of Pretoria, South Africa

15:50 (40 min) “Taming the plant microbiome for a sustainable agriculture”
Joanna Salles, University of Groningen, Netherlands

Coffee break: 10 min

Selected Contributions

16:40 (20 min) “Climate warming plays a larger role than plant genotype in shaping the seasonal dynamics of foliar fungal communities on oak”
Maria Faticov, Stockholm University, Sweden

17:00 (20 min) “Exploring microbial communities associated with vegetables and leafy greens to enhance crop health in Sub-Saharan Africa”
Adrian Wolfgang, Graz University of Technology, Austria

17:20 (20 min) “Radial expansion facilitates the maintenance of double antibiotic resistances”
Jernej Juric, Graz University of Technology, Austria

17:40 (20 min) Open Discussion

Program: Thursday, 22nd October 2020

Session 2: Human Microbiome

Chair: Peter Kusstatscher

Invited Speakers

15:00 (40 min) “Modulating the human microbiota”
Michael Schloter, Helmholtz Zentrum München, Germany

15:40 (30 min) “Archaea and humans”
Christine Moissl-Eichinger, Medical University of Graz, Austria

Coffee break: 10 min

Selected Contributions

16:20 (20 min) “The unique gastrointestinal microbiome of high CH₄ emitters”
Christina Kumpitsch, Medical University of Graz, Austria

16:40 (20 min) “The human gut archaeome at a new level of detail”
Alexander Mahnert, Medical University of Graz, Austria

17:00 (20 min) “Gut microbiome dysbiosis and sarcopenia in liver cirrhosis”
Benard Ochieng Aliwa, Medical University of Graz, Austria

17:20 (20 min) “Identification of new associations between psoriatic arthritis and the gut microbiota, a phenomic study.”
Jesus Miguens Blanco, Imperial College London, United Kingdom

17:40 (20 min) Open Discussion

Program: Friday, 23rd October 2020

Session 3: The Exposome

Chair: Ahmed Abdelfattah

Invited Speakers

- 13:00 (40 min) “Early life exposure affecting infant gut microbiota”
Merete Eggesbø, Norwegian Institute of Public Health, Norway
- 13:40 (40 min) “The environmental microbiome as essential exposome?”
Wisnu Wicaksono, Graz University of Technology, Austria

Coffee break: 10 min

Selected Contributions

- 14:40 (20 min) “Illuminating the mucus-degrading community in the human gut:
Is it Tetris or a jigsaw puzzle?”
Franziska Bauchinger, University of Vienna, Austria
- 15:00 (20 min) “Is the indoor microbiome a potential source for human-associated
microbes?”
Marcus Blohs, Medical University of Graz, Austria
- 15:20 (20 min) “Interplay of hospital microbiome and resistome”
Stefanie Duller, Medical University of Graz, Austria
- 15:40 (20 min) Open Discussion
- 16:00 Awards for best contributed talk and closing remarks
Gabriele Berg & the committee