

The conference will focus on the following themes:

- I. Anthropogenic pressure as a driver of microbial ecosystems
- II. Food microbes facing the challenges of healthy human nutrition (co-organized with INRA)
- III. Re-assembled and driven microbial communities of complex ecosystems
- IV. Breakthroughs in unraveling the microbial consortia using pan-omics
- V. Biogeography of microbial consortia
- VI. Towards the exploration of new niches as reservoirs of microbial diversity

Scientific Committee

Peter Bron Nizo *Food Research (NL)*
Gianluigi Cardinali *University of Perugia (IT)*
Sergio Casella *University of Padova (IT)*
Stéphane Chailou *INRA – Jouy en Josas (FR)*
Don A. Cowan *University of Pretoria (ZA)*
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Daniele Daffonchio *KAUST King Abdullah University of Science and Technology (SA)*
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Philippe Lemanceau *INRA – Dijon (FR)*
Sylvie Lortal *INRA – Rennes (FR)*
Kim Milferstedt *INRA – Narbonne (FR)*
David A. Mills *University of California (USA)*
Fabio Minervini *University of Bari (IT)*
Douwe Molenaar *Vrije Universiteit Amsterdam (NL)*
Claire Nedellec *INRA – Jouy en Josas (FR)*
Erasmus Neviani *University of Parma (IT)*
Kiran Raosahab Patil *European Molecular Biology Laboratory (DE)*
George Tsiamis *University of Patras (GR)*


Organizing Committee

Maria Calasso *University of Bari (IT)*
Luca Cocolin *University of Turin (IT)*
Daniele Daffonchio *KAUST (SA)*
Maria De Angelis *University of Bari (IT)*
Barbara De Ruggieri *University of Bari (IT)*
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Marco Gobetti *University of Bolzano (IT)*
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Erasmus Neviani *University of Parma (IT)*
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✉ Contacts

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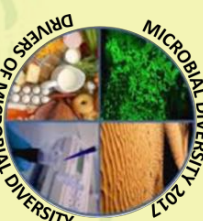
 Abstract submission: June 15

 Early bird registration: June 30

Second announcement



Italian Society of Agro-Food and Environmental Microbiology
Società Italiana di Microbiologia Agraria, Alimentare e Ambientale
is organizing the



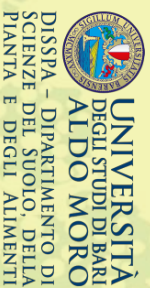
4th International Conference on
Microbial Diversity:

DRIVERS OF MICROBIAL DIVERSITY 2017

Bari (ITALY)

Lecture hall
Department of Soil, Plant and Food Sciences
University of Bari Aldo Moro

with the patronage of



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Tuesday 24 October afternoon
Wednesday 25 October all day
Thursday 26 October morning

Tuesday 24 October

- 13:15 – 13:40 Welcome and registration
- 13:40 – 14:25 Keynote lecture: “*Mammals, milk and microbes – The role of milk in the establishment and function of the gut microbiome*” **David A. Mills**, University of California (Davis, USA)
- 14:25 – 16:10 Session I: Anthropogenic pressure as a driver of microbial ecosystems**
- 14:25 – 14:55 Plenary lecture: “*Abiotic and biotic drivers of microbial community structure and function in hot and cold desert soils*” **Don A. Cowan**, University of Pretoria (SOUTH AFRICA)
- 14:55 – 16:10 Selected lectures (5)
- 16:10 – 16:40 Coffee break
- 16:40 – 18:00 Poster session / Special session I: Young researchers’ presentations (parallel)
- 16:40 – 18:00 Selected lectures (8)

Wednesday 25 October

- 08:30 – 11:30 Session II: Food microbes facing the challenges of healthy human nutrition (co-organized with INRA)**
- 08:30 – 09:00 Plenary lecture: “*Employing strain diversity and genomics for better food and health*” **Peter Bron**, Nizo Food Research (Ede, THE NETHERLANDS)
- 09:00 – 10:15 Selected lectures (5)
- 10:15 – 10:45 Coffee break
- 10:45 – 11:30 Keynote lecture: “*Mining functional diversity in metagenome*” **Douwe Molenaar**, Vrije Universiteit Amsterdam (THE NETHERLANDS)
- 11:30 – 13:15 Session III: Re-assembled and driven microbial communities of complex ecosystems**
- 11:30 – 12:00 Plenary lecture: “*Optimizing performance of bioprocesses through ecological engineering*” **Kim Milferstedt**, INRA (Narbonne, FRANCE)
- 12:00 – 13:15 Selected lectures (5)
- 13:15 – 14:30 Lunch
- 14:45 – 18:30 Session IV: Breakthroughs in unraveling the microbial consortia using pan-omics**
- 14:45 – 15:15 Plenary lecture: “*Unraveling the secrets of microbial life using omic technologies*” **George Tsiamis**, University of Patras (GREECE)
- 15:15 – 16:30 Selected lectures (5)
- 16:30 – 17:00 Coffee break
- 17:00 – 18:30 Poster session / Special session II: Young researchers’ presentations (parallel)
- 17:00 – 18:30 Selected lectures (9)

Thursday 26 October

- 8:30 – 11:30 Session V: Biogeography of microbial consortia**
- 08:30 – 09:00 Plenary lecture: “*Inter-species dependencies as drivers of microbial co-occurrence*” **Kiran Raosahab Patil**, European Molecular Biology Laboratory (Heidelberg, GERMANY)
- 09:00 – 10:15 Selected lectures (5)
- 10:15 – 10:45 Coffee break
- 10:45 – 11:30 Keynote lecture: “*Biogeography of soil microbial consortia*” **Philippe Lemanceau**, INRA (Dijon, FRANCE)
- 11:30 – 13:15 Session VI: Towards the exploration of new niches as reservoirs of microbial diversity**
- 11:30 – 12:00 Plenary lecture: “*Text-mining and ontologies: new approaches to knowledge discovery of microbial diversity*” **Claire Nedellec**, INRA (Jouy en Josas, FRANCE)
- 12:00 – 13:15 Selected lectures (5)
- 13:15 – 14:15 Lunch
- 14:30 – 15:00 Farewell – End of the conference**

Conference rationale and general purpose. Following the success of the 3rd International Conference on Microbial Diversity: 2015 – “The Challenge of Complexity”, SIMTREA is pleased to launch the fourth edition of the conference, entitled “Drivers of Microbial Diversity”. The International Conferences on Microbial Diversity are becoming a consolidated biennial event bringing together agricultural, environmental and food microbiology researchers and professionals from all over the world. Drivers of microbiota establishment and composition in different ecosystems, the focus of the 2017 Conference, are key factors in the vast and fascinating field of microbial diversity.