



Symposium

Novel Anaerobes 2017

10th November, 2017

University of Minho, Braga, Portugal

This symposium is an international forum for discussion and knowledge transfer in environmental biotechnology and microbiology, with a special focus on anaerobic processes, in pursue of a sustainable bio-based economy.

Key topics, including the use of biological systems for the remediation of contaminated environments, isolation and characterisation of novel microorganisms with biotechnological potential, and microbial interactions in complex communities, will be addressed for advancing fundamental and applied knowledge.

This event will serve as a basis for collaborative platforms between the different players. Presentations by young researchers will be privileged through a call for abstract.

Programme

9:30 - 10:00	Registration
10:00 - 10:10	Fons Stams, Wageningen University, The Netherlands and Madalena Alves, University of Minho, Portugal Opening session

Session I

Chairperson: Diana Sousa

10:10 - 10:50	PLENARY 1: Harold Drake, University of Bayreuth, Germany Functional interaction of anaerobic communities that mediate the emission of greenhouse gases
10:50 - 11:10	Caroline Plugge, Wageningen University & Research, The Netherlands Novel insights in syntrophic metabolism
11:10 - 11:40	Coffee break / Poster session
11:40 - 12:00	Inês Cardoso Pereira, Universidade Nova de Lisboa, Portugal Exploring sulfate reducers for formate/hydrogen interconversion and bioremediation
12:00 - 12:20	Andreia Salvador, University of Minho, Portugal Carbon materials improve the activity of methanogenic cultures
12:20 - 12:40	Ana Júlia Cavaleiro, University of Minho, Portugal Anaerobic microbial communities for recovering value from waste lipids
12:40 - 14:30	Lunch

Session II

Chairperson: Ana Júlia Cavaleiro

14:30 - 15:10	PLENARY 2: Fons Stams, Wageningen University & Research, The Netherlands Hunting for novel anaerobes for biotechnology
15:10 - 15:30	Diana Sousa, Wageningen University & Research, The Netherlands Synthetic communities in syngas conversion
15:30 - 15:50	Marta Carballa, University of Santiago de Compostela, Spain Management of anaerobic microbiomes for optimal process performance
15:50 - 16:10	Alette Langenhoff, Wageningen University & Research, The Netherlands Anaerobic degradation of pharmaceuticals
16:10 - 16:40	Coffee break / Poster session
16:40 - 16:55	Mónica Martins, ITQB Nova, Portugal Anaerobic removal of pharmaceuticals using biogenic platinum nanoparticles
16:55 - 17:10	Anna Duber, Poznan University of Technology, Poland The microbiome structure in mixed culture fermentation for caproic acid production from cheese whey
17:10 - 17:25	Hugo Ribeiro, CIIMAR - Interdisciplinary Centre of Marine and Environmental Research, Portugal Potential involvement of dissimilatory nitrate reduction pathways in polycyclic aromatic hydrocarbon degradation
17:25 - 17:40	Daan M. van Vliet, Wageningen University & Research, The Netherlands Enrichment and isolation of novel polysaccharide-degrading anaerobes from abyssal Black Sea sediments

Closing session

17:40 - 17:50	Ana Júlia Cavaleiro, University of Minho, Portugal Final conclusions
17:50	End of sessions and drinks

Organizing committee:

Ana Júlia Cavaleiro (Chair, University of Minho, Portugal)

Madalena Alves (University of Minho, Portugal)

Alcina Pereira (University of Minho, Portugal)

Fons Stams (Wageningen University & Research, The Netherlands)

Diana Sousa (Wageningen University & Research, The Netherlands)

REGISTRATION

Registration form:

https://docs.google.com/forms/d/e/1FAIpQLScWUx5yBjYL8FCamSiPbGn4PX2qN4yOvBaVsyMcOsV6mMV9hA/viewform?usp=sf_link

Normal - 30 €

Students - 15 €

Payment information

TecMinho

NIPC: 502 585 757

NIB (Banking Account Number) for Bank Transfer Payment: 0033 0000 0022 1470 0130 5

Contacts and Information

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