

POSTER PARTY II (28th June, 18.00-19.45)

Diversity of Halophiles

Short communication #1:

Sánchez-Martínez R: Exploring the virus-host interactions in extreme environments: the pseudolysogeny in *Salinibacter ruber*

Short communication #2:

García-Roldán A: *Natronomonas aquatica* sp. nov., a new species isolated from a Spanish saltern

Short communication #3:

Sánchez-Porro C: Undescribed *Aquibacillus* diversity in hypersaline soils of the Odiel Natural Park (Huelva, Spain)

Short communication #4:

Straková D: Taxogenomic analysis of two new species from hypersaline soils

Short communication #5:

Azpiazu-Muniozguen M: Distribution of prokaryotic communities in Añana Salt Valley by 16S rRNA gene sequencing

Short communication #6:

Oumer OJ: Prokaryotic and eukaryotic microbial diversity of three African Rift valley soda lakes determined by amplicon metagenomics

Short communication #7:

Hernández-Soto LM: Taxonomic and functional analysis of a halophilic community from a Mexican lake, via a metagenomic and genomic strategy

Short communication #8:

Lülf RH: The microbiota of salty fermented lupine seeds

Short communication #9:

Georgiev NFK: Signaling kinases of *Methanosarcina acetivorans* - Biochemical analyses give insight into evolution and function

Short communication #10:

Martin C: Great Salt Lake: Microbial diversity at Rozel Point Tar Seeps

The Environmental Dimension

Short communication #11:

Nate HK: A survey of shoreline soil microbiomes at Great Salt Lake, Utah

Short communication #12:

Gridan IM: The Candidate Phyla Radiation: an unexpected inhabitant in meromictic hypersaline lakes

Short communication #13:

Nadal-Moreno F: Comparison of microbial communities of salted hides by 16S rRNA. Bacterial antagonists as biocontrol agents

Short communication #14:

Sanz JL: Methanogenesis in a polyextreme environment

Short communication #15:

Martínez JM: Microbial ecology of Salar de Uyuni. A model of the effects of chaotropy

Short communication #16:

Martínez-Martínez G: Potential ways of bioremediation of Deep eutectic solvents using the haloarchaeon *Haloferax mediterranei*

Short communication #17:

Álvarez A: Tolerance and adaptation to Cu, Mn, and Zn of *Bacillus megaterium* and *Rhodotorula mucilaginosa*

Short communication #18:

Martinez-Koury P: Great Salt Lake: Halophile consortia entombed in gypsum clay Inclusions