

SEM Council Members

Name:

Antonio Ventosa

Council Role:

President of SEM

Employer or Institute:

Department of Microbiology and Parasitology, Faculty of Pharmacy, University of Sevilla, Spain

Title:

Full Professor

Main areas of study/work:

Extremophiles. Halophiles. Biodiversity. Biotechnology. Systematics of Bacteria and Archaea. Metagenomics. Comparative Genomics and Taxogenomics.



Other information of interest:

Member of the American Academy of Microbiology and European Academy of Microbiology. Editor of *Internacional Journal of Systematic and Evolutionary Microbiology (IJSEM)*. Member of the Editorial Board of *International Microbiology*, *Frontiers in Microbiology*, *Extremophiles*, *Microorganisms*, *Genes and Archaea*. Member of the International Committee on Systematics of Prokaryotes (ICSP). Member of the *Academia Iberoamericana de Farmacia and Real Academia de Medicina y Cirugía de Cádiz*. Prizes: *Premio Jaime Ferrán de la SEM* (1992), *FAMA de la Universidad de Sevilla* (2008) and *Bergey's Award 2010* (Bergey's Manual Trust).

Three main or most recent publications:

Ventosa A, Nieto JJ, Oren A. 1998. Biology of moderately halophilic aerobic bacteria. *Microbiology and Molecular Biology Reviews* 62:504-544.

Ventosa A, de la Haba RR, Sánchez-Porro C, Papke RT. 2015. Microbial diversity of hypersaline environments: a metagenomic approach. *Current Opinion in Microbiology* 25:80-87. doi.org/10.1016/j.mib.2015.05.002.

Vera-Gargallo B, Chowdhury TR, Brown J, Fansler SJ, Durán-Viseras A, Sánchez-Porro C, Bailey VL, Jansson JK, Ventosa A. 2019. Spatial distribution of prokaryotic communities in hypersaline soils. *Scientific Reports* 9:1769. doi.org/10.1038/s41598-018-38339-z.

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Keywords:

Extremophiles. Halophiles. Taxonomy. Biodiversity. Biotechnology. Hypersaline environments.