

SEM Council Members

Name:

Ignacio Belda

Council role:

Vocal

Employer or Institute:

Universidad Complutense de Madrid (UCM), Madrid

Title:

Assistant Professor



Main areas of study/work:

Microbial ecology. Microbial consortia of industrial interest.

Other information of interest:

Scientific expert of the Spanish Delegation (Spanish Ministry of Agriculture-MAPAMA) at the International Organization of Vine and Wine (OIV).

Founder and Coordinator of the Young Researchers Group of the Spanish Society for Microbiology.

Three main or most recent publications:

de Celis M, Duque J, Marquina D, Salvadó H, Serrano S, Arregui L, Santos A, Belda I, 2022. Niche differentiation drives microbial community assembly and succession in full-scale activated sludge bioreactors. *npj Biofilms and Microbiomes* 8:23. <https://doi.org/10.1038/s41522-022-00291-2>.

Ruiz J, de Celis M, Martín-Santamaría M, Benito-Vázquez I, Pontes A, Lanza VF, Sampaio JP, Santos A, Belda I. 2021. Global distribution of IRC7 alleles in *Saccharomyces cerevisiae* populations: a genomic and phenotypic survey within the wine clade. *Environmental Microbiology* 23:3182-3195. <https://doi.org/10.1111/1462-2920.15540>.

Ortiz-Álvarez R, Ortega-Arranz H, Ontiveros VJ, de Celis M, Ravarani C, Acedo A, Belda I. 2021. Network properties of local fungal communities reveal the anthropogenic disturbance consequences of farming practices in vineyard soils. *mSystems* 6:e00344-21. <https://doi.org/10.1128/mSystems.00344-21>.

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Keywords:

Community Ecology. Interspecies interactions. Wine yeasts metabolism.