

## SEM Council Members

### Name:

Inmaculada Llamas

### Council role:

Vicepresident

### Employer or Institute:

Universidad de Granada (UGR), Spain

### Title:

Full Professor

### Main areas of study/work:

Halophilic Microorganisms: Biodiversity and biotechnological applications. Bacterial communication and its inhibition in aquaculture and agriculture pathogens.



### Other information of interest:

Commission of the Academic Teaching of the Master in Research and Advances in Microbiology. University of Granada

Commission of the Academic Teaching of the Fundamental and Systems Biology Doctoral Program. University of Granada.

Founding partner of the spin off "Xtrem Biotech" S.L. (<http://www.xtrembiotech.com/>).

### Three main or most recent publications:

Reina JC, Pérez P, Llamas I. 2022. Quorum quenching strains isolated from the microbiota of sea anemones and holothurians attenuate *Vibrio coralliilyticus* virulence factors and reduce mortality in *Artemia salina*. *Microorganisms* 10(3):631. <https://doi.org/10.3390/microorganisms10030631>.

Reina JC, Romero M, Salto R, Cámara M, Llamas I. 2021. AhaP, a quorum quenching acylase from *Psychrobacter* sp. M9-54-1 that attenuates *Pseudomonas aeruginosa* and *Vibrio coralliilyticus* virulence. *Marine Drugs* 19(1):16. <https://doi.org/10.3390/md19010016>.

Rodríguez M, Torres M, Blanco L, Béjar V, Sampedro I, Llamas I. 2020. Plant growth-promoting activity and quorum quenching-mediated biocontrol of bacterial phytopathogens by *Pseudomonas segetis* strain P6. *Scientific Reports* 10:4121. <https://doi.org/10.1038/s41598-020-61084-1>.

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### Keywords:

Halophilic Microorganisms. Exopolysaccharides. Quorum sensing. Quorum quenching.