

SEM Council Members

Name:

Inmaculada Llamas

Council role:

Editor-in-Chief *NoticiaSEM*

Employer or Institute:

Universidad de Granada (UGR), Spain

Title:

Associate 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:

Torres M, Reina JC, Fuentes-Monteverde JC, Fernández G, Rodríguez J, Jiménez, C, Llamas I. 2018. AHL-lactonase expression in three marine emerging pathogenic *Vibrio* spp. reduces virulence and mortality in brine shrimp (*Artemia salina*) and Manila clam (*Venerupis philippinarum*). *PLoS ONE* 13(4):e0195176. doi.org/10.1371/journal.pone.0195176.

Torres M, Uroz S, Salto R, Fauchery L, Quesada E, Llamas I. 2017. HqiA, a novel quorum-quenching enzyme which expands the AHL lactonase family. *Scientific Reports* 7:943. doi.org/10.1038/s41598-017-01176-7.

Torres M, Rubio-Portillo E, Antón J, Ramos-Esplá AA, Quesada E, Llamas I. 2016. Selection of the N-acylhomoserine lactone-degrading bacterium *Alteromonas stellipolaris* PQQ-42 and of its potential for biocontrol in agricultura. *Frontiers in Microbiology* 7:646. doi.org/10.3389/fmicb.2016.00646.

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Halophilic Microorganisms. Exopolysaccharides. Quorum sensing. Quorum quenching.



