

SEM Council Members

Name:

Marta Martin

Council role:

Treasurer

Employer or Institute:

Facultad de Ciencias. Universidad Autónoma de Madrid

Title:

Full Professor



Main areas of study/work:

Plant microbiology. Beneficial interactions. Plant growth promotion. Bioremediation.

Three main or most recent publications:

Blanco-Romero E, Garrido-Sanz D, Durán D, Rybtke M, Tolker-Nielsen T, Redondo-Nieto M, Rivilla R, Martín M. 2024. Role of extracellular matrix components in biofilm formation and adaptation of *Pseudomonas ogarae* F113 to the rhizosphere environment. *Frontiers in Microbiology* 15:1341728. <https://doi.org/10.3389/fmicb.2024.1341728>

Durán D, Vázquez-Arias D, Blanco-Romero E, Garrido-Sanz D, Redondo-Nieto M, Rivilla R, Martín M. 2023. An orphan VrgG auxiliary module related to the Type VI secretion systems from *Pseudomonas ogarae* F113 mediates bacterial killing. *Genes* 14:1979. <https://doi.org/10.3390/genes14111979>

Blanco-Romero E, Garrido-Sanz D, Durán D, Rivilla R, Redondo-Nieto M, Martín M. 2022. Regulation of extracellular matrix components by AmrZ is mediated by c-di-GMP in *Pseudomonas ogarae* F113. *Scientific Reports* 12:11914. <https://doi.org/10.1038/s41598-022-16162-x>

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Keywords:

Plant microbiology. Rhizosphere. Pseudomonads. PGPR. di-GMPc. Environmental microbiology.