

SEM Council Members

Name:

José A. Gil

Council role:

President of the Industrial Microbiology and Microbial Biotechnology Group

Employer or Institute:

Universidad de León, Spain

Title:

Full Professor



Main areas of study/work:

Cell division in actinomycetes. Antibiotics biosynthesis.
Bacterial heavy metal resistance.

Other information of interest:

Director of the *Corynebacteria* Molecular Biology Group.

Three main or most recent publications:

Fiuza M, Letek M, Leiba J, Villadangos AF, Vaquera J, Zanella-Cléon I, Mateos LM, Molle V, Gil JA. 2010. Phosphorylation of a novel cytoskeletal protein (RsmP) regulates rod-shape morphology in *Corynebacterium glutamicum*. *Journal of Biological Chemistry* 285:29387-29397. doi.org/10.1074/jbc.M110.154427.

Villadangos AF, Ordóñez E, Pedre B, Messens J, Gil JA, Mateos LM. 2014. Engineered coryneform bacteria as a bio-tool for arsenic remediation. *Applied Microbiology and Biotechnology* 98:10143-10152. doi.org/10.1007/s00253-014-6055-2.

Mateos LM, Villadangos AF, de la Rubia AG, Mourenza A, Marcos-Pascual L, Letek M, Pedre B, Messens J, Gil JA. 2017. The arsenic detoxification system in *Corynebacteria*: Basis and application for bioremediation and redox control. *Advances in Applied Microbiology* 99:103-137. doi.org/10.1016/bs.aambs.2017.01.001.

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Streptomyces. Antibiotics. Cell Division. Arsenic Resistance. Redox.