

**PROGRAMA DE DOCTORADO EN
BIOQUÍMICA Y BIOLOGÍA MOLECULAR
UNIVERSIDAD DE ZARAGOZA**

CONFERENCIA

**Is the iron homeostasis under the control of
an iron-sulfur cluster? Artefact or reality?**

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Día: jueves, 23 de junio de 2022

Hora: 10 hora

Lugar: Sala de Grados. Facultad de Ciencias

Algunas publicaciones recientes:

- Safer-by-design biocides made of tri-thiol bridged silver nanoparticle assemblies.
Marchioni et al. *Nanoscale Horiz.* 2020 Mar 1;5(3):507-513.
- The pathogen *Pseudomonas aeruginosa* optimizes the production of the siderophore pyochelin upon environmental challenges.
Cunrath et al. *Metalomics.* 2020 Dec 23;12(12):2108-2120.
- The role of cysteine and sulfide in the interplay between microbial Hg(ii) uptake and sulfur metabolism.
Thomas et al. *Metalomics.* 2019 Jul 17;11(7):1219-1229.
- Non-specific interference of cobalt with siderophore-dependent iron uptake pathways.
Carballido-López et al. *Metalomics.* 2019 Nov 1;11(11):1937-1951
- New insights into the tetrameric family of the Fur metalloregulators.
Nader et al. *Biometals.* 2019 Jun;32(3):501-519.
- Structural and functional studies of the metalloregulator Fur identify a promoter-binding mechanism and its role in *Francisella tularensis* virulence.
Pérard J et al. *Commun Biol.* 2018 Jul 17;1:93. eCollection 2018.