

## SEM Council Members

### Name:

Ana Martín-González

### Council Role:

President of the Protistology Group

### Employer or Institute:

Department of Microbiology-III. Faculty of Biology. Complutense University of Madrid (UCM), Madrid, Spain.

### Title:

Associate Professor in Microbiology. Co-head of the Microbial Stress and Environmental Pollution UCM-Research Group.



### Main Areas of Study/Work:

Microbial stress and heavy metals. Apoptosis. Oxidative stress. Amber Paleomicrobiology.

### Three Main or Most Recent Publications:

JC Gutiérrez, F Amaro, A Martín-González. 2009. From heavy metal-binders to biosensors: Ciliate metallothioneins discussed. *BioEssays* 31:805-816

JC Gutiérrez, F Amaro, S Díaz, P de Francisco, LL Cubas, A. Martín-González. 2011. Ciliate metallothioneins: unique microbial eukaryotic heavy-metal-binder molecules. *Journal of Biological Inorganic Chemistry* 16:1025-1034

F Amaro, AP Turkewitz, A Martín-González, JC Gutiérrez. 2011. Whole-cell biosensors for detection of heavy metal ions in environmental samples based on metallothionein promoters from *Tetrahymena thermophila*. *Microbial Biotechnology* 4:513-522

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### Keywords:

Microbial Stress. Heavy metals. Apoptosis. Microbial fossils.