

## SEM Council Members

### Name:

José Berenguer

### Council Role:

Editor-in-chief of International Microbiology

### Employer of Institute:

*Centro de Biología Molecular Severo Ochoa (CBMSO)*,  
Autonomous University of Madrid (UAM) - Spanish National  
Research Council (CSIC), Spain

### Title:

Full Professor

Director of *Instituto Universitario de Biología* at the UAM

Head of the Biotechnology and Genetics of Extreme  
Thermophiles Research Group at the CBMSO, Madrid

### Principales áreas de Trabajo:

Molecular Microbiology. Bacterial physiology. Genetics.



### Three Main or Most Recent Publications:

LL Torres, A Cantero, M del Valle, A Marina, F López-Gallego, JM Guisán, J Berenguer, A Hidalgo. 2013. Engineering the substrate specificity of a thermophilic penicillin acylase from *Thermus thermophilus*. *Applied and Environmental Microbiology* 79:1555-1562

LL Torres, ER Ferreras, A Cantero, A Hidalgo, J Berenguer. 2012. Functional expression of a penicillin acylase from the extreme thermophile *Thermus thermophilus* HB27 in *Escherichia coli*. *Microbial Cell Factories* 11:105

F Acosta, ER Ferreras, J Berenguer. 2012. The beta-barrel assembly machinery (BAM) is required for the assembly of a primitive S-layer protein in the ancient outer membrane of *Thermus thermophilus*. *Extremophiles* 16:853-861

### Contact details:

Telephone: +34-911964498 Fax: +34911964420

E-mail: [jberenguer@cbm.uam.es](mailto:jberenguer@cbm.uam.es)

### Keywords:

Thermophilic microorganisms. Bacterial physiology. Bacterial genetics. Respiration. Biotechnology.