

SEM Council Members

Name:

José Berenguer

Council Role:

Editor-in-chief of International Microbiology

Employer of Institute:

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

Title:

Full Professor

Main areas of study/work:

Thermophiles. Molecular microbiology. Bacterial physiology.
Genetics.

Other information of interest:

Group leader of the "Biotechnology and Genetics of Extreme
Thermophiles" Research Group at the CBMSO, Madrid.

Three main or most recent publications:

Chahlafi Z, Alvarez L, Cava F, Berenguer J. 2018. The role of conserved proteins DrpA and DrpB in nitrate respiration of *Thermus thermophilus*. *Environmental Microbiology* 20:3851-3861. doi.org/10.1111/1462-2920.14400.

Blesa A, Baquedano I, Quintáns NG, Mata CP, Castón JR, Berenguer J. 2017. The transjugation machinery of *Thermus thermophilus*: Identification of TdtA, an ATPase involved in DNA donation. *PLoS Genetics* 13:e1006669. doi.org/10.1371/journal.pgen.1006669.

Swarts DC, Jore MM, Westra ER, Zhu Y, Janssen JH, Snijders AP, Wang Y, Patel DJ, Berenguer J, Brouns SJJ, van der Oost J. 2014. DNA-guided DNA interference by a prokaryotic Argonaute. *Nature* 507: 258-261. doi.org/10.1038/nature12971.

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Keywords:

Thermophilic microorganisms. Bacterial physiology. Bacterial genetics. Respiration.
Biotechnology. Nucleic acids interference.

