

SEM Council Members

Name:

Alicia Prieto

Council role:

Secretary

Employer or Institute:

Centro de Investigaciones Biológicas, Consejo Superior de Investigaciones Científicas (CIB-CSIC), Madrid, Spain

Title:

Staff Scientist



Main areas of study/work:

Hydrolytic enzymes from fungi. Enzymes immobilization. Biofuels and bioproducts from biomass. Polysaccharides.

Three main or most recent publications

de Eugenio LI, Méndez-Líter JA, Nieto-Domínguez M, Alonso L, Gil-Muñoz J, Barriuso J, Prieto A, Martínez MJ. 2017. Differential β -glucosidase expression as a function of carbon source availability in *Talaromyces amestolkiae*: a genomic and proteomic approach. *Biotechnology for Biofuels* 10:161. doi.org/10.1186/s13068-017-0844-7.

Hakalin NLS, Molina-Gutiérrez M, Prieto A, Martínez MJ. 2018. Optimization of lipase-catalyzed synthesis of β -sitostanol esters by response surface methodology. *Food Chemistry* 261:139-148. doi.org/10.1016/j.foodchem.2018.04.031.

Llamas-Arriba MG, Pérez-Ramos A, Puertas AI, López P, Dueñas MT, Prieto A. 2018. Characterization of *Pediococcus ethanolidurans* CUPV141: A β -D-glucan- and heteropolysaccharide-producing bacterium. *Frontiers in Microbiology* 9:2041. doi.org/10.3389/fmicb.2018.02041.

Contact details:

Telephone: +34-918373112

E-mail: aliprieto@cib.csic.es

Keywords: Biotechnology. Fungi. Lipases. Cellulases and hemicellulases. Biomass valorization. Biofuels.