

SEM Council Members

Name:

Antonio G. Pisabarro

Council role:

President of the Industrial Microbiology and Microbial Biotechnology Group

Employer or Institute:

Public University of Navarre (UPNA), Spain

Title:

Full Professor



Main areas of study/work:

Genetics and genomics of basidiomycetes. Strain selection and breeding. Production of secondary metabolites.

Other information of interest:

Director of the Genetics, Genomics, and Microbiology Group at UPNA.
Director of the Multidisciplinary Research Institute in Applied Biology (IMAB) at UPNA.

Three main or most recent publications:

Chuina Tomazeli E, Alfaro M, Zambonelli A, Garde E, Pérez G, Jiménez I, Ramírez L, Salman H, Pisabarro AG. 2023. Transcriptome metabolic characterization of *Tuber borchii* SP1 - A new Spanish strain for in vitro studies of the Bianchetto truffle. *International Journal of Molecular Sciences* 24:10981.
<https://doi.org/10.3390/ijms241310981>.

Durán-Sequeda D, Suspes D., Maestre E, Alfaro M, Pérez G, Ramírez L, Pisabarro AG, Sierra R. 2022. Effect of nutritional factors and copper on the regulation of laccase enzyme production in *Pleurotus ostreatus*. *Journal of Fungi* 8:7.
<https://doi.org/10.3390/jof8010007>.

Pérez G, López-Moya F, Chuina E, Ibañez-Vea M, Garde E, López-Llorca LV, Pisabarro AG, Ramírez L. 2021. Strain degeneration in *Pleurotus ostreatus*: A genotype dependent oxidative stress process which triggers oxidative stress, cellular detoxifying and cell wall reshaping genes. *Journal of Fungi* 7:862.
<https://doi.org/10.3390/jof7100862>.

Contact details:

Telephone: +34-948169130

E-mail: gpisabarro@unavarra.es

Keywords:

Basidiomycetes. Genomic and transcriptomic analysis. Genetic breeding. Secondary metabolites.