

SEM Council Members

Name:

Óscar Zaragoza

Council role:

President of the Biology of Pathogenic Microorganisms Group

Employer or Institute:

National Centre for Microbiology, *Instituto de Salud Carlos III*

Title:

Scientific Investigator



Main areas of study/work:

Adaptation mechanisms of pathogenic yeasts to the host.
Antifungal action mechanism. New therapies.

Three main or most recent publications:

de Oliveira HC, Monteiro MC, Rossi SA, Pemán J, Ruiz-Gaitán A, Mendes-Giannini MJS, Mellado E, Zaragoza Ó. 2019. Identification of off-patent compounds that present antifungal activity against the emerging fungal pathogen *Candida auris*. *Frontiers in Cellular and Infection Microbiology*. Apr 2;9:83. doi.org/10.3389/fcimb.2019.00083.

Trevijano-Contador N, de Oliveira HC, García-Rodas R, Rossi SA, Llorente I, Zaballos Á, Janbon G, Ariño J, Zaragoza Ó. 2018. *Cryptococcus neoformans* can form titan-like cells *in vitro* in response to multiple signals. *PLoS Pathogens* May 18;14(5):e1007007. doi.org/10.1371/journal.ppat.1007007.

Rueda C, Puig-Asensio M, Guinea J, Almirante B, Cuenca-Estrella M, Zaragoza Ó; CANDIPOP Project from GEIH-GEMICOMED (SEIMC) and REIPI. 2017. Evaluation of the possible influence of trailing and paradoxical effects on the clinical outcome of patients with candidemia. *Clinical Microbiology and Infection* Jan;23(1):49.e1-49.e8. doi.org/10.1016/j.cmi.2016.09.016.

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Biomedicine. Microbiology. Medical Mycology. Pathogenic yeasts. *Candida*. *Cryptococcus*. Antifungals.