

## SEM Council Members

### Name:

Ángel Domínguez

### Council Role:

President of the Biology of Pathogenic Microorganisms Group

### Employer or Institute:

University of Salamanca (USAL), Spain

### Title:

Full Professor of Microbiology

Head of the Experimental Models in Infectious Diseases Research Group at the USAL

Head of the Non-conventional Yeast Research Group at the Spanish National Research Council (CSIC)



### Main Areas of Study/Work:

Heterologous protein secretion. Fungal Genomics and Proteomic. Fungal dimorphism. Experimental models, *in vivo* and *ex vivo*, of *Candida albicans* infection.

### Other Interests:

Editorial Board of Research in Microbiology, FEMS Yeast Research, Open Mycology, Open Microbiology and Journal of Fungal and Yeast Research.

### Three Main or Most Recent Publications:

V Wood, R Gwilliam, M-A Rajandream, M Lyne, R Lyne, A Stewart, J Sgouros, N Peat, J Hayles, S Baker, *et al.* 2002. The genome sequence of *Schizosaccharomyces pombe*. *Nature* 415:871-880

S Brena, J Cabezas-Olcoz, MD Moragues, I Fernández de Larrinoa, A Domínguez, G Quindós, J Pontón. 2011. Fungicidal monoclonal antibody C7 interferes with iron acquisition in *Candida albicans*. *Antimicrobial Agents and Chemotherapy* 55:3156-3163

M Morin, JA Asturias, A Domínguez. 2012. Expression of Alt a 1 allergen from *Alternaria alternata* in the yeast *Yarrowia lipolytica*. *FEMS Microbiology Letters* 333:121-128

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### Keywords:

Non-conventional yeast. *Candida*. *Yarrowia*. Secretion. Heterologous protein production. Glycosylation. Fungal dimorphism. Chromatin. Genomics. Proteomic.