



## Simposio Internacional: **Las levaduras como bancos de prueba en las Ciencias de la Vida**

*International Symposium: Yeasts as versatile testbeds for the Life Sciences*

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CV

### CONCHA GIL

Dr Concha Gil is Professor of Microbiology (<http://www.ucm.es/microbiologia2>), Head of the Proteomics Unit (<https://www.ucm.es/gyp/>) and Coordinator of the Research Facilities at Complutense University of Madrid.

She leads the group “**Host pathogen interaction; Human Proteome Project**” (<http://www.ucm.es/candida>). The main research lines in her group are related to proteomics of the *Candida*-host interaction to improve the knowledge on molecular mechanisms of host innate and acquired immune responses in candidiasis. The main objectives are to search novel biomarker and vaccine candidates for invasive candidiasis and to monitor the activation of signaling pathways in innate immune cells interacting with *Candida* cells. The group is also involved in the Human Proteome Project (HPP) where Spain is responsible for developing SRM methods to detect proteins encoded in chromosome 16 (chromosome-centric HPP, or C-HPP) and try, at the same time to integrate the acquired methodology with the biology/disease branch of the HPP, (B/D-HPP) by focusing towards the proteins involved in the defense against candidiasis and mycoses in general.

She belongs to ProteoREd (a Spanish network for the coordination and development of proteomics facilities) and to the Spanish Chromosome-16 HPP (Human Proteome Project) Consortium. CG has published over 100 articles in peer-reviewed journals and she has trained more than 20 masters / diploma & PhD students.