

SEM Council Members

Name:

María Ángeles de la Torre-Ruiz

Council role:

President of the Filamentous Fungi and Yeasts Group

Employer or Institute:

Institut de Recerca Biomedica (IRBLleida)

Universidad de Lleida

Title:

Full Professor



Main areas of study/work:

Aging. Cell signalling. Iron homeostasis. Autophagy.
Oxidative stress.

Other information of interest:

Vice Dean of the Faculty of Medicine of the University of Lleida
Principal Investigator of the research group "Cell Signaling in Yeast"
President of the Health Sciences Commission of the Madrid+d Foundation

Three main or most recent publications:

Pujol-Carrion N, de la Torre-Ruiz MA. 2017. Physical interaction between the MAPK Sit2 of the PKC1-MAPK pathway and Grx3/Grx4 glutaredoxins is required for the oxidative stress response in budding yeast: *Free Radical Biology and Medicine* 103:107-120. doi.org/10.1016/j.freeradbiomed.2016.12.023.

Romero AM, Ramos-Alonso L, Montellá-Manuel S, García-Martínez J, de la Torre-Ruiz MA, Pérez-Ortín JE, Martínez-Pastor MT, Puig S. 2019. A genome-wide transcriptional study reveals that iron deficiency inhibits the yeast TORC1 pathway. *Biochimica et Biophysica Acta (BBA) - Gene Regulatory Mechanisms* 1862:194414. doi.org/10.1016/J.BBAGRM.2019.194414

Mechoud MA, Pujol-Carrion N, Montella-Manuel S, de la Torre-Ruiz, MA. 2020. Interactions of GMP with human Glrx3 and with *Saccharomyces cerevisiae* Grx3 and Grx4 converge in the regulation of the Gcn2 pathway. *Applied and Environmental Microbiology* 86:e00221-20. doi.org/10.1128/AEM.00221-20

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Cell signaling. Stress. Autophagy. Yeast. Aging. Iron. Glutaredoxins.