

SEM Council Members

Name:

Magdalena Martínez-Cañamero

Council role:

Editor-in-Chief SEM@foro

Employer or Institute:

Universidad de Jaén

Title:

Full Professor

Main areas of study/work:

Effect of olive oil on the intestinal microbiota and its relationship with the physiology of the host.

Microbial Ecology in Food and the Environment.

Teaching, popularization and citizen science in the field of Microbiology.



Other information of interest:

Member of the American Society for Microbiology (ASM)

Member of the Spanish Society of Microbiota, Probiotics and Prebiotics (SEMIPYP).

Three main or most recent publications:

Andújar-Tenorio N, Prieto I, Cobo A, Martínez-Rodríguez AM, Hidalgo M, Segarra AB, Ramírez, M, Gálvez A, Martínez-Cañamero M. 2022. High fat diets induce early changes in gut microbiota that may serve as markers of ulterior altered physiological and biochemical parameters related to metabolic syndrome. Effect of virgin olive oil in comparison to butter. *PLoS One* 17(8):e0271634. <https://doi.org/10.1371/journal.pone.0271634>.

Sánchez B, Cobo A, Hidalgo M, Martínez-Rodríguez AM, Prieto I, Gálvez A, Martínez-Cañamero M. 2020. Prevalence of an intestinal ST40 *Enterococcus faecalis* over other *E. faecalis* strains in the gut environment of mice fed different high fat diets. *International Journal of Molecular Sciences* 21(12):4330. <https://doi.org/10.3390/ijms21124330>.

Prieto I, Hidalgo M, Segarra AB, Martínez-Rodríguez AM, Cobo A, Ramírez M, Abriouel H, Gálvez A, Martínez-Cañamero M. 2018. Influence of a diet enriched with virgin olive oil or butter on mouse gut microbiota and its correlation to physiological and biochemical parameters related to metabolic syndrome. *PLoS One* 13(1):e0190368. <https://doi.org/10.1371/journal.pone.0190368>.

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