

SEM Council Members

Name:

Gonzalo Doroteo García de Fernando

Council role:

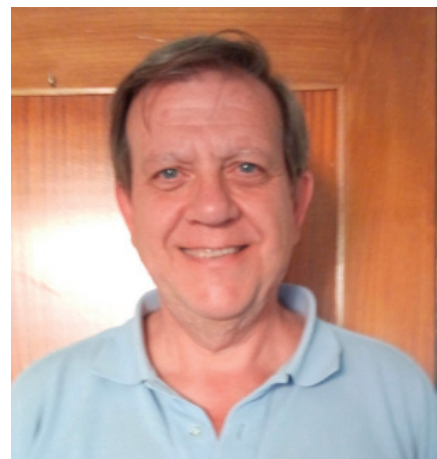
President of the Food Microbiology Group

Employer or institute:

Universidad Complutense de Madrid (UCM), Spain

Title:

Full Professor



Main areas of study/work:

Food technology. Predictive microbiology. Microbial variability (inactivation, lag phase and growth).

Other information of interest:

Co-Head of the Food Technology of Animal Origin (TECNOLALIMA) Research Group of the UCM.

Head of the Food Technology Department of the Veterinary Science Faculty of the UCM.

Three main or most recent publications:

Aguirre JS, García de Fernando GD, Hierro E, Hospital XF, Espinosa I, Fernández M. 2018. Characterization of damage on *Listeria innocua* surviving to pulsed light: effect on growth, DNA and proteome. *International Journal of Food Microbiology* 284:63-72. doi.org/10.1016/j.ijfoodmicro.2018.07.002.

Aguirre JS, García de Fernando GD, Hierro E, Xavier F, Hospital XF, Ordóñez JA, Fernández M. 2015. Estimation of the growth kinetic parameters of *Bacillus cereus* spores as affected by pulsed light treatment. *International Journal of Food Microbiology* 202:20-26. doi.org/10.1016/j.ijfoodmicro.2015.02.020.

Aguirre JS, Pin C, Rodríguez MR, García de Fernando GD. 2009. Analysis of the variability in the number of viable bacteria after mild heat treatment of food. *Applied and Environmental Microbiology* 75:6992-6997. doi.org/10.1128/AEM.00452-09.

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Keywords:

Food technology. Predictive microbiology. Microbial variability.