

SEM Council Members

Name:

Montserrat Llagostera

Council Role:

President of the Education and Communication in Microbiology Group

Employer or Institute:

Universitat Autònoma de Barcelona (UAB), Spain

Title:

Full Professor

Head of the Molecular Microbiology Research Group at the UAB

Main Areas of Study/Work:

DNA Repair. Bacterial resistance to antibiotics. Mechanisms of virulence. Vaccine and bacteriophages.



Other Interests:

Chair of the Genetics and Microbiology Department of the UAB.

Three Main or Most Recent Publications:

S Liébana, DA Spricigo, MP Cortés, J Barbé, M Llagostera, S Alegret, MI Pividori. 2013. Phagomagnetic separation and electrochemical magneto-genosensing of pathogenic bacteria. *Analytical Chemistry* 85:3079-3086

C Bardina, DA Spricigo, P Cortés, M Llagostera. 2012. Significance of the bacteriophage treatment schedule in reducing *Salmonella* colonization of poultry. *Applied and Environmental Microbiology* 78:6600-6607

P Cortés, V Blanc, A Mora, G Dahbi, JE Blanco, M Blanco, C López, A Andreu, F Navarro, MP Alonso, G Bou, J Blanco, M Llagostera. 2010. Isolation and characterization of potentially pathogenic antimicrobial-resistant *Escherichia coli* strains from chicken and pig farms in Spain. *Applied and Environmental Microbiology* 76:2799-2805

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Keywords:

Pathogenesis. Antibiotic resistance. Iron uptake. DNA repair. Phages.