

SEM Council Members

Name:

Montserrat Llagostera

Council role:

Vocal

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 information of interest:

Secretary of the Genetics and Microbiology Department of the UAB.

Three main or most recent publications:

Otero J, García-Rodríguez A, Cano-Sarabia M, Maspoch D, Marcos R, Cortés P, Llagostera M. 2019. Biodistribution of liposome-encapsulated bacteriophages and their transcytosis during oral phage therapy. *Frontiers in Microbiology* Apr 4;10:689. doi.org/10.3389/fmicb.2019.00689.

Colom J, Cano-Sarabia M, Otero J, Cortés P, Maspoch D, Llagostera M. 2015. Liposome-encapsulated bacteriophages for enhanced oral phage therapy against *Salmonella* spp. *Applied and Environmental Microbiology* 81:4481-4489. doi.org/10.1128/AEM.00812-15.

Bardina C, Spricigo DA, Cortés P, Llagostera M. 2012. Significance of the bacteriophage treatment schedule in reducing *Salmonella* colonization of poultry. *Applied and Environmental Microbiology* 78:6600-6607. doi.org/10.1128/AEM.01257-12.

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Keywords:

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