

CV Profile (max. 2 pages length)

1 *Miriam Pascual Benito*

Research interests

Microbiology and Biotechnology applied to environment, food and healthcare.
Water cycle: management and treatments.

Education

PhD in Biotechnology (01/01/2016- 21/09/2020) - University of Barcelona
Master's Degree in Advanced Microbiology (01/10/2011- 15/09/2012) - University of Barcelona
Degree in Environmental Sciences (15/09/2007- 15/09/2011) - University of Barcelona

Experience

Predoctoral internship in University College Dublin (14/10/2019 – 13/12/2019).
Research assistant in University of Barcelona (01/10/2012 – 31/07/2015).

TECHNICAL SKILLS:

Microbiology: Aerobic and anaerobic cultures, biochemical fingerprinting, isolation techniques and growth of microorganisms in pure cultures, detection of microorganisms in different environmental matrices (water, soils, sediments, sludges, stools, etc.), optimization of culture media, optical and fluorescence microscopy, serotyping techniques, study of bacteriophages as indicators in water: detection and quantification.

Molecular biology: DNA and RNA extraction, Conventional PCR, Real-Time PCR, gel electrophoresis, cloning using plasmids, automated sequencing techniques, NGS, hybridization and enzyme digestion.

Contact information

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