



**Nombre:** María Moreno Guzmán

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**Posición y cargo:** Profesor Ayudante Doctor

**Grupo de Investigación:** Miembro del grupo de investigación Miniaturización y Nanotecnologías Analíticas (MINYNANOTECH).

**Docencia:** Grado en Farmacia, Doble Grado en Farmacia y Nutrición Humana y Dietética, Grado en Ciencias y Tecnología de los Alimentos.

**Área de Conocimiento:** Química Analítica

**Biography:** María Moreno got her PhD at the Complutense University of Madrid in 2013. Since December 2018, she is PhD Assistant Professor at the Complutense University of Madrid, Faculty of Pharmacy, Department of Chemistry in Pharmaceutical Sciences. As a result of her research career she has 26 publications in international journals, the co-authorship of a book chapter, 1 patent and 45 participations in national and international scientific congresses. Her main line of research is the development of electrochemical sensors based on nanomaterials such as graphene, carbon nanotubes, nanoparticles and metallic nanowires for the detection of compounds of food and clinical interest. Currently her research activity focuses on designing and building advanced sensor platforms integrable in miniaturized instrumentation for clinical applications, using new technology such as catalytic micromotors, in the Miniaturization and Analytical Nanotechnologies group (MINYNANOTECH) led by Prof. Alberto Escarpa in the University of Alcalá.

**Research Interest:** Sensor, electrochemistry, immunoassay, Micromotors, fluorescence microscopy, diagnostics neonate sepsis.