



**Nombre:** Marta Pacheco Jerez

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**Posición y cargo:** Profesor Ayudante Doctor

**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

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### **Biography:**

Marta Pacheco Jerez (Lucena, Córdoba 1993) graduated in Biotechnology from the University of Cádiz in 2015. Afterward, she completed her Master's studies in Therapeutic Targets in Cell Signaling, Research, and Development at the University of Alcalá and carried out research practices in the National Center of Biotechnology (CNB-CSIC). In September 2021, she finished her Doctoral Thesis in Chemistry in the research group of the Prof. Alberto Escarpa, Miniaturization and Analytical Nanotechnologies (MINYNANOTECH) at the University of Alcalá under the supervision of Prof. Alberto Escarpa and Dr. Beatriz Jurado. Her Ph.D. topic was related to the synthesis of Janus micromotors with (photo)-catalytic and magnetic motion for biomedical, analytical, and environmental applications. In 2020 she carried out a research stay at the University of Chemistry and Technology in Prague (Czech Republic) at the Advanced Functional Nanorobots Center led by Prof. Martin Pumera. In 2022, she joined at the R&D department of a pharmaceutical company, Cloverty (Arganda del Rey, Madrid), performing the functions of development and validation of analytical methods. Recently, in December 2022, she has joined at the Complutense University of Madrid, as Assistant Professor in the department of Chemistry in Pharmaceutical Sciences of the Faculty of Pharmacy in the area of knowledge of Analytical Chemistry.

**Research Interest:** Miniaturization and analytical nanotechnologies, fluorescence and electrochemical (bio)sensor, nanomaterials, (photo)catalytic and magnetic micromotors.