



Nombre: Inmaculada Aranaz Corral

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Posición y cargo: Profesor Contratado Doctor interino. Departamento de Química en Ciencias Farmacéuticas.

Grupo de Investigación: Miembro del Grupo de investigación y transferencia en biotecnología y materiales aplicados (**TRANSBIOMAT**)

Docencia: Grado en Farmacia, Doble Grado en Farmacia y Nutrición Humana y Dietética, Máster en Biomateriales.

Áreas de Conocimiento: Química Física; Ciencias Biomédicas y de la Salud, Química y Tecnología Química; Ciencia de Materiales

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Biography: Inmaculada Aranaz has a Degree in Chemistry (Biochemistry and Molecular Biology) and a PhD in Science at Universidad Complutense de Madrid (UCM), under the supervision of Professor Angeles Heras. During her postdoctoral training (2007-2015), she has been a member of the Bioinspired Materials Group at Materials Science Institute of Madrid (CSIC), Polymers Funcionalization Group at Science and Technology Institute (CSIC), where she held a JAE-DOC grant, and Professor Abhay Pandit Group at National University of Ireland.

In 2016, She joined the School of Pharmacy of the UCM as a postdoctoral researcher. She is currently a lecturer in Physical Chemistry at Chemistry in Pharmaceutical Sciences Department (Tenure Track). She teaches in the pharmacy degree, nutrition and pharmacy degree and in the Master in Biomaterials. She is a member of the TRANSBIOMAT research group, author of more than 35 articles in renowned journals, 3 patents, and 5 book chapters. She has participated in more than 15 research projects financed by both public (CAM, National and EU projects) and private (PETRI, CENIT, art 11, art 83 LOU, DSM-Deretil, Rovi Laboratories, Company in Top 50 Forbes List) Institutions. She actively participates in outreach activities and she is a member of Erasmus + project Climate change: Science, ethics and Society.

Research Interest: polysaccharides isolation, polymer synthesis, polymer modification and characterization, chitosan, polymeric materials (hydrogels, particulate systems, polyelectrolyte complexes ...), hybrid materials, drug delivery systems, semi-solid topic formulations, biocatalysis, green chemistry, circular economy.