

**MÁSTER EN BIOMATERIALES. CURSO 2021-22**  
**BIOMATERIALES PARA LA LIBERACIÓN CONTROLADA DE**  
**FÁRMACOS**

**CONFERENCIA DR. JESÚS MARTÍNEZ DE LA FUENTE**

**Instituto de Nanociencia y Nanomateriales de Aragón**

**“Nanopartículas como actuadores para terapia y diagnóstico”**

***Lunes, 21 de febrero de 2022 - Hora: 15:30***

***Presencial: Sala de Grados - Colegio Oficial de Farmacéuticos***  
***(Aula pendiente de confirmación).***



**Prof. Dr. Jesús Martínez de la Fuente**

Permanent Researcher at the Instituto de Nanociencia y  
Materiales de Aragón (INMA)-CSIC/Universidad de Zaragoza  
(Spain)

Prof. Jesús Martínez de la Fuente (Barakaldo, 1975) created his own research group (BIONANOSURF Group) at the Univ of Zaragoza in 2007, becoming internationally recognized in nanomaterials and biofunctionalization. The multidisciplinary nature of the group facilitates research and development in numerous areas, including biosensors, gene therapy, magnetism, photochemistry, surface chemistry and molecular metal oxides, among others. He has extensive experience in the synthesis and characterization of novel nanomaterials and their biofunctionalization for the use and development of the next generation of nanobiosensors and nanotherapeutics. In 2009, he founded the spin-off Nanoimmunotech SL. He has also been a pioneer in the application of gold nanoparticles in gene therapy and he has developed a methodology for the use of gold nanoparticles functionalized with carbohydrates (glyconanoparticles) for the study of biological processes (embryogenesis, cancer, inflammation, etc.). He has been PI of research projects with a total budget of more than 6 M€. 75% of this budget is derived from European projects (1 ERANET (Coord); 1 ERC-StG (Coord), 1 ERC-POC (Coord), 7 MSCA-IOF/IEF/IF (Coord), 1 ENMII, 1 TRANSCANII (Coord), 1 FP7, 3 H2020-NMBP); 10% comes from collaborations with companies (CASEN-FLEET, ORPHAN DRUG-RECORDATI, MECWINS, NB, NIT, PROTEOMIKA, BSH, VIRBAC); and the remaining 15% comes from research projects of national calls. In 2010 he was awarded the Aragón Investiga prize "Young Researchers". In 2013 he was awarded by the Shanghai Administration with the 1000 Talent Plan program to be a visiting professor at the Jiao Tong University of Shanghai. Since 2014, he is a permanent researcher at the Instituto de Nanociencia y Materiales de Aragón-CSIC.