

Coloides magnéticos para diagnóstico y tratamiento

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Salón de Actos - Ríoz y Pedraja

María del Puerto Morales is Professor at the Institute of Material Science in Madrid (ICMM/CSIC), Spain since 2018. She got her degree in Chemistry by the University of Salamanca in 1989 and her PhD in Material Science from the Madrid Autonomous University in 1993. From 1994 to 1996, she worked as a postdoctoral fellow at the School of Electronic Engineering and Computer Systems in the University of Wales (UK) and got her permanent position at the ICMM/CSIC in 2000.

Her research activities are focused on the area of nanotechnology, in particular in the synthesis and characterization of magnetic nanoparticles, including the mechanism of particle formation, surface modification and its performance in biomedical applications such as biomolecule separation, NMR imaging, drug delivery and hyperthermia, and also in catalysis and environmental remediation.

She has authored several book chapters (12), patents (6) and more than 290 articles ($h=64$, >16.000 citations) and has been the principal investigator from the CSIC in two European-funded research projects in the 7FP (Multifun and NanoMag). Nowadays, she is CSIC IP in MSCA-RISE-2020, NESTOR (2021-2024) and is participating in the FET-OPEN, HOTZYMES 2019-2021. She has also participated in other 30 national projects being PI in 8 and 2 industrial projects with Repsol in the last five years. She has participated in numerous conferences and presented more than 40 invited talks.

