

Dr. Carlos Rodriguez-Abreu is the leader of the Colloid and Interface Chemistry team at the Institute for Advanced Chemistry of Catalonia, Spanish National Research Council (CSIC), also affiliated to the Networking Research Center for Biomedical Research (CIBER). He is also director of the Nanostructured liquid characterization unit at CIBER-NANBIOSIS. He received his PhD from the Yokohama National University (Japan) with a scholarship from the Ministry of Science and Education of Japan (Monbusho). He was a research fellow of the Japan Society for the Promotion of Science (JSPS) and visiting researcher at the National Institute of Material Science in Japan. After 7 years as a principal investigator at the International Iberian Nanotechnology Laboratory (Portugal), he joined CSIC in 2017. He is currently senior associate editor of the Journal of Surfactant and Detergents (American Oil Chemists' Society-Springer) and section editor of Current opinion in Colloid and Interface Science (Elsevier). The scientific and technological interests of Dr. Rodriguez-Abreu are focused on the molecular and colloidal self-assembly in soft matter as a vehicle for the bottom-up fabrication of nanomaterials. He is interested in nanostructured soft systems such as surfactants, polymers, micelles, gels, liquid crystals, foams, microemulsions and nanoemulsions that can find direct applications or be used as templates, structure directing agents or nanoreactors for the synthesis of nanoparticles, nanocomposites or nanoporous solids. Targeted applications and technology transfer are expected in the chemical, cosmetic and biomedical fields