

Catalina Biglione got her BSc (Hons.) in Chemistry in (2012) and her PhD in Chemistry (2017) at the National University of Córdoba (UNC) in Argentina. at UNC under the supervision of Prof. M. C. Strumia (2017). His PhD research, awarded with the best Argentinean thesis in polymer sciences, focused on the synthesis and characterization of different thermoresponsive magnetic nanogels for nanomedicine.

After her PhD (2017-2021), she worked as a postdoctoral researcher at the Free University of Berlin (Germany) to develop different nanomaterials for bio applications such as controlled drug release and theranostic. Since March 2021, she joined the Advanced Porous Materials Unit at IMDEA Energia (Móstoles-Madrid, Spain. In 2022, she was awarded the prestigious Marie Skłodowska-Curie Postdoctoral Fellowship. Her research interests of comprise the synthesis of new porous materials with applications in fields of health, environment and energy.

Dr. Biglione has been involved in the design of stimuli-responsive hybrid materials for more than 10 years, acquiring excellent skills in the field of nanoparticles, metal-organic networks and composites, addressing their synthesis and functionalization. Complementarily, Dr. Biglione has a strong background in organic chemistry.

Catalina has been involved in several national and international research projects and in an R&D contract with industry. She has co-supervised PhD, MSc, MSc, BSc students and internships. She has also participated in several congresses and conferences as well as in teaching and dissemination activities.