

Lorena Diéguez joined INL in 2014 as a Staff Researcher and is, since 2018, the leader of the Medical Devices research group. Her research is mainly devoted to Translational Medical Research in close collaboration with hospitals and focuses on the development of tools and solutions based on microfluidics, biosensors and nanotechnology towards early diagnosis and better understanding of diseases. She is also very interested in translating her technology from the lab to the clinic and is co-founder and CEO of the spin-off company RUBYnanomed in the field of liquid biopsy. Currently, she is also the Chair of the Working Group in Medical Devices at the ETPN (European Technology Platform in Nanomedicine).

She obtained her Bachelors in Physics with a Major in Optoelectronics at the University of Santiago de Compostela in 2005, then completed her Masters in Nanotechnology at the University of Barcelona (UB) in 2007 and her PhD in Biosensors at the UB, the Institute for Bioengineering of Catalonia and the ETH Zürich. Her postdoc at the University of South Australia (2010-2013) was devoted to the study of rare cells from biological samples using microfluidics.