

Domenica CONVERTINO - CV

Domenica Convertino is a Post-Doc at the Center for Nanotechnology Innovation (CNI) of the Italian Institute of Technology (IIT) in Pisa. She received her Master Degree in Biomedical Engineering from Politecnico di Torino in 2012 and joined the CNI as fellow in 2013, where she got experience in 2D materials synthesis (i.e. graphene and transition metal dichalcogenides), transfer and characterization (SEM, AFM, Raman). In 2020, she obtained her PhD degree in Biophysical Sciences from Scuola Normale Superiore with the thesis “Interfacing graphene with peripheral neurons: influence on neurite outgrowth and NGF axonal transport“. Her research focuses on the interactions of 2D materials and neural cells for peripheral nerve regeneration applications, by applying viability and differentiation assays, light and fluorescent microscopy, and structural and nano-resolved analysis.