

**Michele Di Lauro** is a post-doc at the University of Modena and Reggio Emilia since 2017, in the Organic Electronic Laboratory, under the supervision of Prof. Fabio Biscarini. During his Ph.D in Molecular and Regenerative Medicine (2014-2016) he explored the fabrication, the characterization and the study of the fundamental operational mechanisms of Organic Electronic devices at the interface with the biological environment. His research activity is currently centered on designing and developing Organic Electronic devices for the electro-ceutical treatment of pathological conditions affecting the central and peripheral nervous system, either post-surgical/post-traumatic or arising from neurodegenerative diseases (such as Parkinson's disease). Towards this aim he investigates the fundamental aspects of charge transport in organic (semi-)conductive materials at the interface with electrolytes and with the living matter (both in vivo and in vitro), he fabricates devices using unconventional processing techniques and characterizes the electrical device performances in laboratory and during clinical-oriented operation. He authored 17 peer-reviewed papers in scientific international journals and the "Organic Electronics" lemma of the Italian Encyclopedia "Treccani".