

CV Antonio Turco

Antonio Turco is a dynamic young researcher with a steadily growing trajectory in multidisciplinary research involving advanced nanotechnology and carbon-based nanomaterials. His expertise spans several strategic areas, including biomedical applications, environmental remediation, and electrochemical sensing. Dr. Turco has consistently delivered innovative results that advance the state of the art, as demonstrated by his role as first and/or corresponding author in numerous high-impact scientific publications.

He is currently involved as Principal Investigator and co-investigator in several national and industrial research projects focused on the development and application of carbon nanomaterials and nanocomposites for sensing technologies, environmental solutions, and lab-on-chip platforms. He is also actively engaged in projects dedicated to neural tissue regeneration and the development of (multi)electrode systems for neural stimulation and recording. These roles reflect his strong commitment to scientific excellence and translational research at the interface of materials science, bioengineering, and nanotechnology.