

## Devid Maniglio

Dr. Devid Maniglio is an Associate Professor of Industrial Bioengineering at the University of Trento, Department of Industrial Engineering, and a member of the BIOtech Research Center. He earned his degree in Physics from the University of Trento in 1999 and completed his Ph.D. in Materials Engineering at the same institution in 2003.

His research primarily focuses on tissue engineering and biofabrication. He is particularly interested in the treatment and processing of natural-origin biomaterials for scaffold fabrication, bioink formulation, and 3D tissue bioprinting. Additionally, he works on the synthesis of nano-biomimetic systems for molecular recognition.

Dr. Maniglio actively collaborates with national and international research groups, including many affiliated with the European Institute on Tissue Engineering and Regenerative Medicine. He has authored over 100 publications in international journals and is a frequent speaker and invited lecturer at both national and international conferences.

He currently leads several projects funded by the Italian Ministry for Universities and Research focusing on the modulation of the inflammatory response for promoting tissue regeneration, and the National Institute for Nuclear Physics (INFN-TIFPA), focusing on the design of 3D constructs for testing next generation radiopharmaceuticals.