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Luigi Ambrosio is Emeritus Research Director of the Institute of Polymer, Composites & Biomaterials, National Research Council, Naples, Italy. Qualified Full Professor in Bioengineering and in Materials Science and Technology.

He received the doctoral degree in Chemical Engineering from University of Naples "Federico II".

Director of Institute of Composites and Biomedical Materials, National Research Council, Naples, Italy (2008-2012).

Acting Director of Molecular Design Department, National Research Council, Rome, Italy (2011-2012).

Director of Chemical Sciences & Materials Technology Department, National Research Council, Rome, Italy (2011-2017).

Director of Institute of Polymers, Composites and Biomaterials, National Research Council, Naples, Italy (Dec. 2018- Aug.2022).

President of the European Society of Biomaterials (2007-2013), Past President (2013-2017), Honorary Member (since 2018).

Member of the European Platform on Nanomedicine contributing to the definition of research strategy in regenerative medicine (2007 – 2012)

Member of the High-Level Group on Key Enabling Technologies, European Commission, contributing to the definition of Industrial Biotechnology and High Level of Education strategy (2010-2015).

Member of the International Advisor Board of Sichuan University and Co-Director of MPBRC, SCU-CNR Joint Research Centre. (2016-2020).

He is recipient of the "G. Winter Award" of the European Society for Biomaterials for the high worldwide contribution to the Biomaterials Science (March 2015).

Co-Chair of the Working group on "Advanced Materials, Nanomaterials and Biophysics", Italy-USA Joint Commission on Science and Technology Cooperation. (Since 2014).

He has been nominated *Fellow of American Institute for Medical and Biological Engineering* (2001), *Fellow of Biomaterials Science and Engineering* (2004) and Fellow of the European Alliance for Medical and Biomedical Engineering & Science (2018), *Fellow Member of the European Academy of Science* (2019) and *Fellow of the Romania Society for Biomaterials* (2024).

Editor-in-Chief of Journal of Materials Science: Materials in Medicine (2017-2025).

Publications include over 400 papers on international scientific journals and book, 27 patents, over 200 invited lectures and over 500 presentations at international and national conferences.