

Luca Scorrano earned his MD and PhD from the University of Padua, Italy. From 2000 to 2003, he was an HFSP postdoctoral fellow in Stan Korsmeyer's lab at Harvard Medical School. In 2003, he became an Assistant Scientist at the Dulbecco-Telethon Institute. He served as a Full Professor at the University of Geneva Medical School (2006–2013) before returning to Padua as a Professor of Biochemistry. From 2014 to 2020, he was Scientific Director of the Veneto Institute of Molecular Medicine. Luca discovered the cristae remodeling pathway, advancing mitochondrial dynamics research. His lab revealed mechanisms of cristae remodeling, mitochondrial fusion, and fission, and their roles in bioenergetics, angiogenesis, heart biology, adipocyte differentiation, infection, and cancer. He identified Mfn2 and its splicing variants as the first molecular tether between mitochondria and endoplasmic reticulum. An EMBO and Academia Europaea member, he received awards including the ISHR 2024 Research Achievement Award.