

Family name: BERTOLI; First name: ALESSANDRO
Place and date of birth: Genova, July 28th, 1967; Nationality: ITALIAN

1994: Degree in Physics, University of Genova, Italy
2000: PhD in Biochemistry and Biophysics, University of Padova, Italy
2000-2002: Post-doctoral Fellow, Dept. of Neuroscience, Pharmacological Research Institute “Mario Negri”, Milano, Italy.
2002-2022: Assistant Professor in Biochemistry, Dept. of Biological Chemistry and Dept. of Biomedical Sciences, University of Padova
2022-present. Associate Professor in Biochemistry, Dept. of Biomedical Sciences, University of Padova

Major scientific activities. Molecular and cellular mechanisms of different neurodegenerative and neuromuscular disorders (mainly, prion diseases and amyotrophic lateral sclerosis) by means of in vitro (primary and immortalized cell cultures) and in vivo (rodent models of disease). More recently: study of rare metabolic genetic diseases in cell models

Expert in many biochemical and cell biology issues (e.g., protein biochemistry, intra- and inter-cellular communication, cell Ca²⁺ homeostasis, mitochondrial biology and bioenergetics).