



Alpha-Synuclein in Neurodegeneration

Guest Editors:

Dr. Dean L. Pountney

School of Pharmacy and Medical
Sciences, Griffith University,
Southport, QLD 4222, Australia

Prof. Dr. Vladimir N. Uversky

Department of Molecular
Medicine, USF Health Byrd
Alzheimer's Research Institute,
Morsani College of Medicine,
University of South Florida, 12901
Bruce B. Downs Blvd, MDC07,
Tampa, FL 33612, USA

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Message from the Guest Editors

α -Synuclein plays a pivotal role in the development of multiple neurodegenerative diseases that are known collectively as synucleinopathies and include Parkinson's disease, dementia with Lewy bodies, and multiple system atrophy. For many years, research has focused on the formation of intracellular aggregates of protein as the principal causative link to neurodegeneration. Recent studies have revealed many diverse intra- and extracellular neurotoxic interactions, encompassing imbalance in proteostatic systems, metal ion dyshomeostasis, liquid–liquid phase separation, secretory pathway, and mitochondrial dynamics. In this Special Issue, we hope that investigators will join together in exploring and integrating the current knowledge to stimulate future inquiry towards the end of disease mitigation.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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