

Special Issue

Recent Advances in α -Synuclein Neurobiology in Health and Disease

Message from the Guest Editors

This Special Issue aims to integrate the current knowledge regarding the physiological function of alpha-Synuclein and the mechanisms underlying its loss of function, in an attempt to pinpoint novel neuroprotective and ameliorative therapies to confront both the initiation and progression of disease processes. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- alpha-Synuclein physiological function: Focus at the synapse
- alpha-Synuclein strain heterogeneity and aggregation
- Interrelationship of α -Synuclein with protein degradation pathways
- In vitro and in vivo models of alpha-Synucleinopathy
- alpha-Synuclein in the extracellular space
- Therapeutic strategies targeting intracellular and extracellular alpha-Synuclein
- alpha-Synuclein in the periphery

We look forward to receiving your contributions.

Guest Editors

Dr. Maria Xilouri

Dr. Evangelia Emmanouilidou

Dr. Alexia Polissidis

Deadline for manuscript submissions

closed (15 March 2022)



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Biomolecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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