



To Go Where Nature Leads: Focus on Palmitoylethanolamide and Related ALIAmides As Innovative Approach to Neuroinflammatory and Pain-Related Disease States in Honor of Doctor Francesco Della Valle

Guest Editors:

Prof. Dr. Salvatore Cuzzocrea

Department of Chemical,
Biological, Pharmaceutical and
Environmental Sciences,
University of Messina, Messina,
Italy

Dr. Rosalia Crupi

Department of Veterinary
Science, University of Messina,
98168 Messina, Italy

Deadline for manuscript
submissions:

closed (10 December 2022)

Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to contribute to this Special Issue entitled “To go where nature leads: focus on Palmitoylethanolamide and related ALIAmides as innovative approach to neuroinflammatory and pain-related disease states in honor of Doctor Francesco della Valle”. Palmitoylethanolamide (PEA) is an endocannabinoid-like lipid mediator and the parent molecule of ALIAmides (i.e., Autacoid Local Injury Antagonist amides). As with other naturally occurring ALIAmides and related endocannabinoids, PEA is naturally synthesized “on demand” in response to actual or potential injuries and serves as an early stop signal to counteract inflammation. Its action depends on multiple molecular targets belonging to the endocannabinoidome. This Special Issue aims to bring together cutting-edge articles on PEA and related ALIAmides in different in vitro or in vivo disease models and clinical settings in areas of neuroinflammatory and pain-related disorders.





an Open Access Journal by MDPI

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

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Biochemistry*)

Contact Us

Biomolecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biomolecules
biomolecules@mdpi.com
[X@Biomol_MDPI](https://twitter.com/Biomol_MDPI)