

Special Issue

Eosinophilic Inflammation

Message from the Guest Editors

Dear colleagues, The focus of this Special Issue is eosinophilic inflammation such as allergic rhinitis, asthma, chronic rhinosinusitis with nasal polyp, esophagitis, gastroenteritis, and otitis media. Eosinophils are key contributors to Th2-associated pathologies such as allergic disorders. They also function as effectors in the innate immune response through the expression of Toll-like receptors. In the inflamed site, activated eosinophils exert their effects through cytotoxic mediators, comprising granules (EPO, MBP, ECP, and EDN), cytokines, chemokines, and lipid mediators, resulting in tissue damage. However, little is known about the mechanisms of pathogenesis by activated eosinophils. Here, we focus not only all clinical investigations involved in eosinophils-derived disorders but also basic on investigations *in vitro* and *in vivo* using animal models.

Guest Editors

Prof. Dr. Akira Kanda

Center of Laboratory Medicine, Kansai Medical University Hospital,
Hirakata, Osaka, Japan

Dr. David Dombrowicz

EGID, Inserm, CHU Lille, Institut Pasteur de Lille, U1011, University of
Lille, 59019 Lille, France

Deadline for manuscript submissions

closed (31 December 2020)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/25066

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

[mdpi.com/journal/
biomolecules](https://mdpi.com/journal/biomolecules)





Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



[mdpi.com/journal/
biomolecules](https://mdpi.com/journal/biomolecules)



About the Journal

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.

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

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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)