



Eosinophilic Inflammation

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)

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.





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, CAPlus / SciFinder, and other databases.

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

Contact Us

Biomolecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biomolecules
biomolecules@mdpi.com
X@Biomol_MDPI