



Molecular Basis of Glioblastoma

Guest Editors:

Prof. Dr. Madan M. Kwatra

Department of Anesthesiology,
Duke University School of
Medicine, Durham, NC, USA

Prof. Glenn J. Lesser

Wake Forest Baptist Medical
Center, Winston Salem, NC, USA

Deadline for manuscript
submissions:

closed (30 March 2021)

Message from the Guest Editors

The Cancer Genome Atlas (TCGA) has molecularly characterized a growing number of glioblastoma (GBM) samples and revealed that GBM is an extremely heterogeneous cancer. In this Special Issue, we will review the various subtypes of GBM and how these can be targeted. We will focus on four major areas: (1) EGFR heterogeneity; (2) NF1 abnormalities and mesenchymal signaling pathways; (3) PDGFRA and IDH1 mutations; (4) novel approaches for the treatment of GBM. This Special Issue will explore the molecular diversity of GBM and elucidate the research that needs to be undertaken to transform glioblastoma therapy.

Prof. Madan M. Kwatra

Prof. Glenn J. Lesser

Guest Editors





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