



an Open Access Journal by MDPI

Hypoxia

Guest Editors:

Dr. Eoin Cummins

School of Medicine, UCD, Dublin,
Ireland

Dr. Carsten C. Scholz

Institute of Physiology, University
of Zurich, Zurich, Switzerland

Deadline for manuscript
submissions:

closed (15 February 2018)

Message from the Guest Editors

Dear Colleagues,

The field of hypoxia research has exploded in recent years as the importance of oxygen-sensing pathways have been implicated in physiology and disease. Much is understood in relation to the hypoxia inducible factors (HIFs) and the hydroxylase enzymes that regulate them. However, there are many areas that remain to be fully elucidated in relation to how hypoxia-dependent signalling cross talks with metabolism, cancer development and progression, inflammation and inflammatory disease. This series of reviews will focus on highlighting new emerging areas within the field of oxygen sensing and signaling, and integrating this knowledge with what is already established in the field.

Dr. Eoin Cummins

Dr. Carsten C. Scholz

Guest Editors



mdpi.com/si/10312



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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*, *PMC*, *CAPLus / SciFinder*, and other databases.

Journal Rank: JCR - Q2 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](https://twitter.com/Biomed_MDPI)