



an Open Access Journal by MDPI

# Targeted Therapies: Perspectives of Chemical Synthesis and Molecular In Vivo Interactions

Guest Editors:

### Dr. Kalevi Kairemo

Department of Nuclear
Medicine, The University of Texas
MD Anderson Cancer Center,
Houston, TX 77030, USA
Department of Theragnostics,
Docrates Cancer Center, 00180
Helsinki, Finland

#### Dr. Pritam Sadhukhan

Department of Otolaryngology, Head and Neck Surgery, Johns Hopkins University School of Medicine, Baltimore, MD 21231, USA

Deadline for manuscript submissions: closed (15 December 2022)

### **Message from the Guest Editors**

Cellular different signaling varies hetween pathophysiological conditions including diabetes, cancer, drug induced toxicity or heavy metal toxicity. It may also vary greatly between cell and tissue types. In modern era of molecular pharmacology "Targeted therapy" is the emerging concept to combat different pathophysiological conditions. Recent research projects are focused on identification of novel signaling pathways or the elucidation of the altered signaling crosstalk underlying a pathophysiological state. Researches are also focused on development of novel therapeutic strategies with novel drug candidates or by repurposing an existing drug specifically targeting a cellular pathway. The outcome of these projects is allowing the translational scientists to develop novel combinatorial therapeutic approach for better efficacy with minimal side effects. This could be a effort promising for management of different pathophysiological state with underlying disease conditions

**Special**sue



mdpi.com/si/125023





an Open Access Journal by MDPI

# **Editor-in-Chief**

#### Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

## **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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

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

# **Contact Us**

International Journal of Molecular Sciences Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/ijms ijms@mdpi.com X@IJMS\_MDPI