



HMG Proteins in Development and Disease

Guest Editors:

Dr. Riccardo Sgarra

Department of Life Sciences,
University of Trieste, 34127
Trieste, Italy

Dr. Sabrina Battista

Istituto per l'Endocrinologia e
l'Oncologia Sperimentale "G.
Salvatore" (IEOS), CNR, 80131
Naples, Italy

**Prof. Dr. Manfioletti
Guidalberto**

Department of Life Sciences,
University of Trieste, 34127
Trieste, Italy

Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editors

Dear Colleagues,

The High Mobility Group (HMG) proteins are chromatin architectural proteins subdivided into three distinct superfamilies: HMGA, HMGB, and HMGN. Each of them has specific and unusual relaxed interaction properties. These properties make them relevant hubs in the cellular network; indeed, they have been demonstrated to be key factors in different processes. As a consequence, HMG deregulations and misexpression lead to the development of several diseases/pathologies such as cancer, inflammation, and metabolic-related disorders. Moreover, during the last decades HMG have been demonstrated to have also extra nuclear functions, and indeed they have been found to be present in the cytoplasm and to be secreted/released in the extracellular environment. These peculiarities have significantly enlarged their already huge impact on cellular biology.

This Special Issue of IJMS will focus on the role HMG proteins play in development and disease. Articles submitted can either be original works regarding HMG functional/structural insight or full reviews.

Dr. Riccardo Sgarra

Dr. Sabrina Battista

Prof. G. Manfioletti

Guest Editors





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