



## Selected Papers from the 11th International Conference on the NME/NDPK/NM23/AWD Gene Family (NME 2019)

Guest Editor:

**Prof. Dr. Uwe Schlattner**

Laboratory of Fundamental and Applied Bioenergetics, University Grenoble Alpes, 38185 Grenoble, France

Deadline for manuscript submissions:

**closed (31 July 2020)**

### Message from the Guest Editor

Dear Colleagues,

Life is governed by a network of mass, energy and information transformations that require a large number of functional elements. With the evolution of increasingly complex multicellular organisms, some of these elements have taken over more than one task, leading to the appearance of multi-functional proteins. Many members of the NME gene/protein family have acquired in addition to their basic nucleoside diphosphate kinase (NDPK) activity important additional functions. These are crucial in bioenergetics, cell signaling, cancer & metastasis or development, and act not only on nucleotides but also on interacting proteins, membrane lipids or DNA in different cellular compartments. This special issue of IJMS will address the entire diversity of current NME research and allow first-hand insight into recent progress in the field.

Prof. Uwe Schlattner

*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. José L. Quiles

Department of Physiology,  
Institute of Nutrition and Food  
Technology “Jose Mataix”,  
Biomedical Research Center,  
University of Granada, Avda.  
Conocimiento s/n, 18100 Armilla,  
Granada, Spain

## Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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 and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

## Contact Us

---

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI