

Special Issue

Bioactive and Uremic Toxins in Chronic Kidney Disease

Message from the Guest Editors

Chronic kidney disease (CKD) is a significant clinical and public health problem because it is associated with an increased risk of CKD-associated complications, hospitalization, and death. The prevalence of CKD continues to expand worldwide, and the morbidity and health care costs associated with CKD impacts health care costs across the globe. While much effort has gone into understanding the pathogenesis of CKD, progress on therapeutic options to prevent, or attenuate, the progression of renal dysfunction has been much slower. Dietary contents and their metabolites are known to be closely related to CKD progression. Accumulation of uremic retention solutes has been observed in patients with CKD and these retained solutes, called uremic toxins, contribute to uremic syndrome. Nowadays a great interest regards the diet and the nutrition in CKD and evidences suggest the positive role of these aspects in managing these patients. The aim of this Special Issue is to provide an updated point of view about the uremic toxins control and the bioactive, as natural nutraceuticals and dietary supplements, useful for CKD patients.

Guest Editors

Dr. Stefania Marzocco

Prof. Dr. Pietro Campiglia

Dr. Biagio Raffaele Di Iorio

Prof. Dr. August Heidland

Deadline for manuscript submissions

closed (30 September 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/18228

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

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.

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

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)