



## Biomarkers of Autoimmune Chronic Spontaneous Urticaria

Guest Editors:

**Prof. Dr. Elias Toubi**

The Proteomic and Clinical Flow Cytometry Unit, Bnai-Zion Medical Center, The Rappaport Faculty of Medicine, Technion, Haifa 31048, Israel

**Prof. Dr. Zahava Vadasz**

Bnai Zion Medical Center, Haifa 3339419, Israel

Deadline for manuscript submissions:

**closed (31 October 2023)**

### Message from the Guest Editors

Dear Colleagues,

Biomarkers: An unmet need for the assessment of chronic spontaneous urticaria

Chronic spontaneous urticaria (CSU) is a devastating disease during which patients suffer from transient itchy wheals in association with episodes of angioedema, which are present in 40% of cases, or angioedema alone, in around 10% of cases. CSU is frequently a long-lasting disorder and is associated with comorbidities such as fatigue, sleeplessness and anxiety, leading to an insufficient quality of life. Auto-reactive T cells and autoimmunity in general are primary factors in the pathogenesis of CSU. The response to treatment (both standard and omalizumab) is unpredictable in most cases, and the ability to predict this is important. Finally, patients frequently ask questions concerning how long the suffering will last, and whether it will come back at some stage once it has gone. The above questions require the usage of possible biomarkers aiming to predict one or more of the above raised issues. In this Special Issue, we aim to focus on biomarkers in the serum and skin of patients with CSU in an attempt to better define the pathogenesis, prognosis and response to treatment.





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 and Molecular Biology) / CiteScore - Q1 (Inorganic 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