

## Special Issue

# Clinical Advances in Anaphylaxis and Mast Cell Disorders

### Message from the Guest Editor

Mast cells (MCs) are multifunctional, granulated, stationary cells that reside in almost all vascularized tissues. Upon activation, MCs degranulate and release a large array of mediators. Inappropriate release of these mediators may occur in a number of pathologic conditions and can cause a range of symptoms from mild to severe to life-threatening. Patients with MCAS often present with symptoms of anaphylaxis.

Furthermore, mastocytosis is a clonal disorder of MCs and may often present with anaphylaxis and MCAS. However, in some cases, even proliferative and accumulative features of MCs in mastocytosis can account for the symptoms and progression of this disease. In addition, a newly identified genetic trait, hereditary alpha-tryptasemia, may influence susceptibility to severe anaphylaxis. The aim of this Special Issue is to provide a comprehensive overview of the advances in the diagnosis and management of anaphylaxis and mast cell disorders. Therefore, we invite you to contribute original research articles, review articles, or shorter perspective articles focused on the latest developments in this intriguing field.

### Guest Editor

Dr. Theo Gülen

1. Department of Respiratory Medicine and Allergy, Karolinska University Hospital Huddinge, Stockholm, Sweden
2. Department of Medicine Solna, Division of Immunology and Allergy, Karolinska Institutet, Stockholm, Sweden

### Deadline for manuscript submissions

closed (30 April 2025)



## Journal of Clinical Medicine

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*Journal of Clinical Medicine*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jcm@mdpi.com](mailto:jcm@mdpi.com)

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