

## Special Issue

# Key Cells in the Pathogenesis, Diagnosis and Treatment of Allergies

### Message from the Guest Editor

Immunoglobulin E (IgE)-associated allergies are important immunologically mediated hypersensitivity diseases. Currently, more than 30% of the world's population experiences allergies, including a broad spectrum of symptoms in different organs. Various cells belonging to the adaptive and innate immune cells orchestrate allergic inflammation and contribute to the pathogenesis of allergies. In addition to the measurement of allergen-specific IgE antibodies, there are several cell-based diagnostic tests for allergies. Furthermore, a variety of therapeutic strategies are currently being developed that target cells involved in allergic inflammation. Which therapeutic strategy will be the most effective and economical for the treatment and prevention of allergies in the future is an open question. This Special Issue is dedicated the role of immune cells in the pathogenesis, diagnosis, treatment and prevention of allergies.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2024)



## Cells

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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