



Molecular Mechanisms and Treatment of Allergic Reactions

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Type I hypersensitivity is the most common form of allergy, comprising an IgE-mediated allergic reaction to a harmless substance, such as pollen, peanuts, and bee venom. In predisposed individuals, exposure to certain allergens results in the rapid onset of symptoms, and in extreme cases can be fatal. The prevalence of type I hypersensitivities has been increasing for decades, now affecting up to 40% of the population; thus, the need for advancements in treatment and a better understanding of the underlying mechanisms surrounding allergy development is crucial. This Special Issue focuses on the molecular mechanisms underlying type I hypersensitivity and developments in treatment options, contributing to an increased understanding of allergy and providing insights to guide future allergy treatment.

We warmly welcome submissions, including original investigations and review articles, on this topic.

Prof. Dr. Lucy C. Fairclough
Guest Editor





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Message from the Editor-in-Chief

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