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Mast Cells in Immune Dysfunction and Allergic Diseases

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Deadline for manuscript submissions:

closed (16 June 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue deals with understanding the immune dysregulation in mast cells that leads to allergy and inflammation, understanding the disease pathogenesis, its clinical implications and treatment. We welcome both reviews and original research articles that cover these urgent issues in the field of mast cell biology.

We welcome articles addressing the following:

1. Understanding the immune dysregulation in IgE- and non-IgE-mediated mast cell activation.
2. Disease pathogenesis in allergy and asthma model.
3. Clinical implications of allergy and inflammation.
4. Advancements in immunotherapeutic interventions against asthma and allergy.
5. Transcriptomics and genomics approach to study mast cell dysregulation.

Dr. Saptarshi Roy

Dr. Chalati Chompunud Na Ayudhya

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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