



Allergy and Immunology Research

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Message from the Guest Editor

Allergy or hypersensitivity is a medical discipline that studies diseases caused by hypersensitivity of the immune system. The underlying mechanism involves antigens, high and low affinity FCεRI, FCεRII, FCγRI, FCγTII receptors, basophils, masts cells, and other interrelated and interacting inflammatory cells including eosinophils, T-lymphocytes, dendritic cells, and macrophages.

Immunology, on the other hand, studies diseases which affect not only the immune system but also other diseases where immune reactions play a part in the pathology and clinical features. Immunodeficiency, autoimmunity, and hypersensitivities are the three broad categories where many diseases are caused by disorders of the immune system.

This Special Issue aims to collect recent research on the mechanisms and pathophysiology of all the above diseases, which will aid in applying new prevention and treatment modalities on allergic and other immune-related disorders.





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Editor-in-Chief

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Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

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