



In Vitro and In Vivo Methods to Monitor the Immune Response and Its Regulation Methods

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Message from the Guest Editors

For decades, science has been developing tools to monitor immune system responses. New techniques are helping researchers discover those mechanisms and find substances responsible for disease development. Several animal models, as specific and sensitive methods, serve as tools for finding new solutions in cell culture models, flow cytometry, mass spectrometry, microarray assays and many others that allow researchers to discover allergens molecular epitopes, mechanisms responsible for T and B cells activation, inducing the mechanisms involved in autoimmune diseases, cancer development and the reason for the current increase in obesity.

The intention of this Special Issue is to provide researchers with the opportunity to publish high-quality research from all over the world in one issue concerning in vitro and in vivo methods of immune system response monitoring and the mechanism to regulate this response.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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