



B Lymphocytes (B Cells) and Derived Antibodies

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Message from the Guest Editors

B lymphocytes, commonly termed "B cells", generate antibodies that are a key feature of the body's defense against infectious diseases and other illnesses, but in autoimmune dyscrasias can produce antibodies against self-components (autoantibodies) that participate in tissue destruction. Thus, proper activation and modulation of B cell activity is critical to the generation of correctly targeted and appropriately sized responses.

This special Issue will strive to present all facets of B cells with a focus on B cells development, B cells activation and antibody production, B cells respond to external signals, B cells functions influenced by age and disease, antibody repertoire, and vaccine development. The goal of this issue is to provide readers a comprehensive insight into the increasingly important role of B cells and antibody in both clinical and research laboratories. We are inviting original research articles, reviews, mini-reviews, and methods discussing the multifaceted roles of B cells and antibodies.





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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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