

Special Issue

Vaccination or Infection and the Role of T Cells—the Response to Cancer, Autoimmunity or Inflammatory Diseases

Message from the Guest Editor

The roles of T cells in cancer, autoimmune, and inflammatory diseases represent an area of rapidly advancing research, providing crucial insights into immune regulation and disease development. T cells play a key role in regulating immune responses and orchestrating immune reactions through their various subpopulations and adaptable functions. In cancer, T cells can promote anti-tumor immunity, but they can also contribute to tumor immune evasion and resistance to immunotherapy. In autoimmune and inflammatory diseases, imbalanced T-cell responses can lead to persistent inflammation and tissue damage. Understanding the mechanisms behind T-cell function and dysfunction is critical for developing targeted therapies that regulate T-cell activity, offering promising approaches for treating a range of diseases. For this Special Issue, we request original research, reviews, and studies that deepen our understanding of T-cell biology, their roles in disease, and innovative therapeutic strategies targeting T cells.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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