

Special Issue

Tumor Vaccine Development, Immune-Based Therapies and Immune Markers

Message from the Guest Editors

The significance of immunotherapy in this field is increasing, and the importance of understanding the interaction between tumor cells and the immune system is dramatically growing. A deeper understanding of the multiple immunosuppressive mechanisms leading to tumor escape is paving the way for the development of an incredible number of new immunotherapies. Similarly, the enormous ongoing effort to identify reliable markers of response will enable personalized therapies. Finally, after many disappointing experiences in the past, greater knowledge of the tumor microenvironment and of the immune response mechanisms have improved the expectations which can be placed on anti-tumor vaccines. In combination with the other strategies, including chemotherapy, monoclonal antibodies, radiation therapy, and different immunotherapeutic approaches involving immune checkpoint inhibitor therapy, cancer vaccines will become soon an important new tool in fighting cancer.

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Deadline for manuscript submissions

closed (31 January 2024)



Vaccines

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Impact Factor 3.4
CiteScore 9.9
Indexed in PubMed



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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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