

Special Issue

Dendritic Cell Immunotherapies: An Opportunity in the Fight against Cancer and Beyond

Message from the Guest Editors

Dendritic cells (DCs) represent the sentinels of the immune system and play an important role to link innate and adaptive immune responses. They are the most efficient antigen-presenting cells (APCs) of the immune system, executing both conventional presentation and cross-presentation, thereby effectively eliciting CD4+ and CD8+ lymphocyte activity. We would like to encourage the submission to this Special Issue of recent advances in the development of novel DC-based vaccines for the treatment of cancers, autoimmune diseases, and chronic inflammatory diseases. Identification of new signaling pathways and molecular mechanisms relevant in DC maturation, polarization, and activation control (including post-transcriptional and post-translational mechanisms) is welcome. Adding new information on these subjects may lead to a better understanding of the handling of DCs to improve the design and the efficiency of new therapeutic and prophylactic vaccination strategies in different diseases.

Guest Editors

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Deadline for manuscript submissions

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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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