

Special Issue

Nanomedicine & Immunotherapy: The Grail for Cancer Treatment?

Message from the Guest Editors

Cancer continues to represent a significant socio-economic and health problem worldwide. Despite the advances in diagnosis and treatment, most patients do not respond to or become resistant to conventional treatments or relapse. The advent of immunotherapy has encouraged patient-targeted treatment. However, some gaps in knowledge remain, namely cancer immune editing/exhaustion issues and adverse immunotoxicity events. Therefore, combining conventional therapies with nanomedicine has gained ground in the scientific community. Nanomedicine explores the potential of applying nanotechnology to medicine via triggering the release of cargos, such as imaging and therapeutic agents, for cancer-patient-personalized diagnosis, treatment, and monitoring. Consequently, merging immunotherapy and nanomedicine may constitute a direction for improving cancer diagnosis and treatment, focusing on cancer cells and the surrounding tumor microenvironment. Hence, cordially invite researchers to submit original research or review manuscripts that present up-to-date data on immunotherapy and nanomedicine applications for cancer prevention and management.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2024)



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About the Journal

Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

Editor-in-Chief

Prof. Dr. Ger Rijkers

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