

Special Issue

Immunological Pathogenesis and Treatment in Acute Medicine and Critical Care

Message from the Guest Editors

Acute illnesses usually affect a specific part of the body and respond to treatment. Chronic diseases often involve multiple parts of the body, do not fully respond to treatment, and symptoms persist for an extended period of time. In the process of disease occurrence and treatment, the human immune system plays an important role. It recognizes invaders and protects the body from disease. Thus, immune system dysfunction can cause autoimmune diseases, inflammatory diseases, and cancer. Immune deficiency occurs when immune system activity falls below normal levels, leading to relapses and life-threatening infections. This Special Issue encourages contributors to explore the relationship between acute and chronic human diseases and immunology. Understanding these mechanisms can aid in the discovery, prevention and treatment of diseases from an immunological perspective. We welcome original research papers, as well as critiques and opinion papers. Special clinical cases may also be included.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).