



Immunological Pathogenesis and Treatment in Acute Medicine and Critical Care

Guest Editors:

Dr. Christian Zanza

Ospedale Alba-Bra Onlus,
Department of Emergency
Medicine, Anesthesia and Critical
Care Medicine, Michele and
Pietro Ferrero Hospital, 12060
Verduno (CN), Italy

Dr. Yaroslava Longhitano

Department of Anesthesia and
Critical Care, AON SS. Antonio
and Biagio and Cesare Arrigo
University Hospital, Alessandria,
Italy

Dr. Gabriele Savioli

Department of Emergency
Medicine, Foundation Policlinico
San Matteo University Hospital,
27100 Pavia, Italy

Deadline for manuscript
submissions:

closed (30 June 2023)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ralph A. Tripp

Department of Infectious
Diseases, College of Veterinary
Medicine, University of Georgia,
Athens, GA 30602-7387, USA

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.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

High Visibility: indexed within **Scopus**, **SCIE (Web of Science)**, **PubMed**, **PMC**, **Embase**, **CAPus / SciFinder**, and **other databases**.

Journal Rank: JCR - Q1 (*Immunology*) / CiteScore - Q1 (*Pharmacology (medical)*)

Contact Us

Vaccines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/vaccines
vaccines@mdpi.com