







an Open Access Journal by MDPI

Development of Epitope-Based Peptide Vaccine

Guest Editors:

Prof. Dr. Maria Tempesta

Department of Veterinary Medicine, University Aldo Moro of Bari, Sp Casamassima Km 3, Valenzano, 70010 Bari, Italy

Dr. Heba Alzan

Department of Veterinary Microbiology and Pathology, Washington State University, Pullman, WA 99164-7040, USA

Deadline for manuscript submissions:

closed (31 May 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the development of epitopebased peptide vaccines Identification immunodominant B- and T-cell epitopes is crucial to induce protective responses in the host upon vaccination. Moreover. immunoinformatics-based approaches. depending on in silico prediction of potential epitopes, may significantly reduce the time required to screen peptide libraries to discover immunodominant epitopes. Here, we are trying to shed light on the importance of epitope-based peptide vaccine strategies as alternative approaches, which may help to improve vaccine efficacy.

This Special Issue of *Vaccines* aims to cover topics relevant to epitope-based peptide vaccine design. We are pleased to invite you to submit an original research or review article discussing this topic. We are looking forward to publishing your interesting inputs and original insights in this field of research

Prof. Dr. Maria Tempesta Dr. Heba Alzan *Guest Editors*







IMPACT FACTOR 7.8





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 <u>article processing charges (APC)</u> paid by authors or their institutions.

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

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

Contact Us