

Special Issue

The Innate Immune Defense of Animals Living in Pathogenic Environments

Message from the Guest Editor

This special issue is dedicated to the molecules involved in the innate immune defenses of animals living in pathogenic environments. Studies on host defense in wild animals living in their naturally pathogenic environments can significantly improve our understanding of innate immune mechanisms. This study could offer unexplored opportunities to identify molecules with a potential to reduce both the need for antibiotics and the emergence of multidrug-resistant microorganisms. Topics:

- Defensins and host defense peptides
- Pathogen associated immunostimulants
- Sensors and pattern recognition molecules
- Soluble mediators
- Germ line-encoded receptors
- Complement components
- Cell-surface pattern recognition receptors
- Inflammatory chemokines, interferons and other secreted factors
- Innate cells and molecular pathways
- Acute-phase proteins, proteases, and other less-categorized molecules

Guest Editor

Dr. José Manuel Pérez De La Lastra

Biotechnology of Macromolecules, Instituto de Productos Naturales y Agrobiología, CSIC, 28006 Madrid, Spain

Deadline for manuscript submissions

closed (31 December 2022)



Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 9.9
Indexed in PubMed



mdpi.com/si/89390

Vaccines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
vaccines@mdpi.com

[mdpi.com/journal/
vaccines](https://mdpi.com/journal/vaccines)





Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 9.9
Indexed in PubMed



[mdpi.com/journal/
vaccines](https://mdpi.com/journal/vaccines)



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

Prof. Dr. Ralph A. Tripp

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Medicine, Research and Experimental) /
CiteScore - Q1 (Pharmacology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.6 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).