

## 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

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### Guest Editor

Dr. José Manuel Pérez De La Lastra  
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### Deadline for manuscript submissions

closed (31 December 2022)



## Vaccines

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Impact Factor 3.4  
CiteScore 9.9  
Indexed in PubMed



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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.

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### Editor-in-Chief

Prof. Dr. Ger Rijkers

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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / 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 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).