



## New Trends in Use of Animal Models in Vaccine Development

Guest Editors:

**Dr. Ana Faustino**

**Prof. Dr. Paula Oliveira**

**Dr. Ana Cláudia Coelho**

**Catarina Jota Baptista**

Deadline for manuscript  
submissions:

**31 May 2024**

### Message from the Guest Editors

Dear Colleagues,

The use of animal models in distinct areas of medical research offers undeniable benefits and contributes to the fast and effective development of different treatments and diagnostic tools, which has led to remarkable improvements in the global health of humans and animals. Their use in vaccine development is not an exception.

We are pleased to invite you to share your work and data on new approaches regarding the use of animal models and comparative medicine in vaccine development. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Different species of animal models;
- Types of animal models used in vaccine research;
- Animal models in emerging infectious disease research;
- Alternatives to the use of animal models in vaccine development;
- Current strategies and methodologies in the development of vaccines using animal models in both human and veterinary medicine.

Dr. Ana Faustino

Dr. Paula A. Oliveira

Dr. Ana Cláudia Coelho

*Guest Editors*

Catarina Jota Baptista

*Guest Editor Assistant*





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**, **CAPLus / 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](http://www.mdpi.com)

[mdpi.com/journal/vaccines](http://mdpi.com/journal/vaccines)  
[vaccines@mdpi.com](mailto:vaccines@mdpi.com)