

Special Issue

Parasitic Infections: Immunity, Vaccine and Drug Development

Message from the Guest Editors

Parasitic infections that affect humans and animals represent a major health problem. The genetic and biological complexity of protozoa, nematodes, trematodes, cestodes, and ectoparasites, some of which with elaborate life cycles, has compromised the development of new therapeutic and prophylactic tools. Furthermore, the sophisticated immune evasion mechanisms developed by many parasites and our lack of knowledge about the effective immune response capable of controlling some parasitic diseases and inducing high-quality immunological memory has delayed the development of effective vaccines. As many parasitic diseases are zoonotic, research involving the One Health approach is critical to increasing our ability to treat and prevent many of these diseases. This Special Issue aims to highlight the latest advances in parasitic infections, with a focus on parasitic immunity, vaccine development, and new drug discovery and development. We look forward to your contribution to this Special Issue.

Guest Editors

Prof. Dr. Maria Pereira

Escola Superior Agrária de Viseu (ESAV), Instituto Politécnico de Viseu (IPV), Viseu Portugal and Global Health and Tropical Medicine (GHTM), Instituto de Higiene e Medicina Tropical (IHMT), Universidade Nova de Lisboa (UNL), Lisboa, Portugal

Prof. Dr. Teresa Letra Mateus

1. CISAS - Center for Research and Development in Agrifood Systems and Sustainability, Escola Superior Agrária, Instituto Politécnico de Viana do Castelo, Rua Escola Industrial e Comercial de Nun'Álvares, 4900-347 Viana do Castelo, Portugal
2. Veterinary and Animal Research Centre (CECAV), UTAD, Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS) Quinta de Prados, 5000-801 Vila Real, Portugal
3. EpiUnit - Instituto de Saúde Pública da Universidade do Porto, Laboratory for Integrative and Translational Research in Population Health (ITR), Rua das Taipas, n° 135, 4050-091 Porto, Portugal

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

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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

Prof. Dr. Hinh Ly

Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, USA

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