Special Issue

Detection of Parasites Using Traditional and Advanced Molecular Techniques

Message from the Guest Editors

The global death toll from parasitic diseases has been reduced, partly due to the widespread use of molecular tests in the diagnosis, therapy, and epidemiological research of these illnesses. Techniques, such as optical microscopy, are employed in the laboratory for the morphological identification of parasites, which is the standard practice in parasitology. The inconsistency in detecting these parasite forms may reduce the sensitivity of such approaches. To overcome these obstacles, molecular techniques are used to identify parasites that cause parasitic illnesses. The utility of molecular techniques in epidemiological studies is particularly striking because studies of this nature involve the genetic diversity of populations, their susceptibility to infection and the possibility of mutation, the geographical spread of parasite illnesses, and their association with hosts and clinical manifestations.

Guest Editors

Prof. Dr. Saeed El-Ashram
Dr. Abdulaziz Alouffi
Prof. Dr. Sobhy Elsayed Hassab El-Nabi

Deadline for manuscript submissions

closed (1 August 2023)

Animals

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/156911

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

mdpi.com/journal/animals

Animals

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed

mdpi.com/journal/animals

About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips
1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

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, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)

MDPI