animals

IMPACT FACTOR 2.7 | Indexed in: PubMed | CITESCORE 5.2

an Open Access Journal by MDPI

Detection of Parasites Using Traditional and Advanced Molecular Techniques

Guest Editors:

Prof. Dr. Saeed El-Ashram
1. College of Life Science and Engineering, Foshan University, Foshan 528231, China
2. Faculty of Science, Kafrelsheikh University, Kafr El-Shaikh, Egypt

Dr. Abdulaziz Alouffi
Associate Professor, King Abdulaziz City for Science and Technology, Riyadh 12354, Saudi Arabia

Prof. Dr. Sobhy Elsayed Hassab El-Nabi
Faculty of Science, Menofia University, Shibeen El-Kom, Egypt

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.

Deadline for manuscript submissions:
closed (1 August 2023)

mdpi.com/si/156911

Special Issue

animals

IMPACT FACTOR 2.7 | Indexed in: PubMed | CITESCORE 5.2

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips
Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, WA 6102, Australia

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.

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)

Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
𝕏@Animals_MDPI