

## 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.

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### Guest Editors

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

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### Deadline for manuscript submissions

closed (1 August 2023)



## Animals

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### 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.

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### Editor-in-Chief

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2. Former Foundation Professor of Animal Welfare, University of  
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