

Special Issue

Serological and Molecular Epidemiology in Animals

Message from the Guest Editors

Containment of zoonotic infections in humans is dependent on surveillance and infection control measures of livestock and wildlife. The laboratory diagnosis is the pivot of control and eradication programs. Serological tests are used to detect the number of affected animals within a large population, and on a second level, it will be necessary to confirm the disease by isolating and identifying the agent. Classical microbiological identification of strains provides valuable information but does not permit epidemiological trace-back infections to their sources or to prevent its expansion.

Serological and molecular epidemiology in animals is concerned with the diagnosis and epidemiology, prevention, and control of infections in the animal population. It includes microbial (bacterial, fungal, viral) diseases of animals, including wild animals for their interrelation with farmed animals. In the light of these premises, we invite researchers to provide their contributions in the form of review articles or original research articles.

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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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