



animals



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Rodents and Rodent-Borne Diseases: Epidemiology, Ecology, and Public Health

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Message from the Guest Editors

Dear Colleagues,

Rodents, the most abundant and diversified mammalian order, pose a significant threat to the health of humans, livestock, and wildlife because they are hosts for a wide range of pathogens and, in some cases, constitute essential reservoir hosts for life-threatening zoonoses.

Considering the intensification of human expansion into the natural environment and the number of infections caused by zoonotic pathogens, predicting disease outbreaks early and quickly is crucial for combatting such infections. The latest WHO guidelines point to an urgent need to develop and target effective preventive measures that require detailed knowledge of the ecology and epizootiology of the host, potential hosts, and zoonotic vectors of pathogens.

Identifying the wild animal species most likely to serve or already serving as reservoirs for zoonoses and the regions where new outbreaks are likely to occur is an essential step towards a preventive approach to minimizing zoonoses' risks in humans.

We are honored to serve as Guest Editors, and we invite you to share your recent findings through this *Animals* Special Issue.



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Special Issue



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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: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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