

Special Issue

Conservation Genetics: From Host to Microbiome

Message from the Guest Editor

The animal microbiome (e.g., gut microbiome) plays an essential role in host health and development. An increasing number of studies have determined that animal conservation should also focus on conserving their symbiotic microbiome. For example, anthropogenic influence resulting in habitat loss and fragmentation has led to the loss of either host genetic diversity or symbiotic microbial diversity. Globalization and urbanization also profoundly affect host genetic diversity and symbiotic microbiome. Humans pass their microbiome into wildlife living in the city, and some of these bacteria are opportunistic pathogens. Recently, the conservation metagenome has pushed animal conservation forward by integrating the levels from host genetics and symbiotic microbiome. Thus, we invite you to submit your recent findings to this Topic on “Animal Conservation Genetics: From Host to Microbiome” in the form of original research or review articles and communications.

Guest Editor

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Deadline for manuscript submissions

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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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