

Special Issue

Multiple Hosts of SARS-CoV-2

Message from the Guest Editors

Both human and non-human animal species are susceptible to SARS-CoV-2 infection, and multiple spillovers from humans to non-human animal hosts have been documented, including amongst companion animals, farmed animals, and captive and free-living wildlife. Recent findings of widespread SARS-CoV-2 infection in free-living white-tailed deer highlight an urgent need to address the many open questions relating to the role of various animal hosts in the natural ecology and evolution, pathogenesis, transmission dynamics, and host responses of SARS-CoV-2 in non-human animal hosts. We welcome original manuscripts, case reports, and targeted reviews relating to the ecology and evolution of SARS-CoV-2 in non-human animal hosts. Epidemiological and laboratory studies regarding reverse zoonoses, transmission dynamics at the animal-human interface, the SARS-CoV-2 surveillance of animal populations, and the identification of animal reservoirs are strongly encouraged. Manuscripts describing comparative and mechanistic studies relating to the SARS-CoV-2 pathogenesis, host innate and adaptive immune response, and virus adaptation in humans and animals are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)



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Editor-in-Chief

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