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Coronaviruses and Other Human Respiratory Viruses from “Regular” Circulating Agents to Emerging Pathogens and the One Health Concept

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Message from the Guest Editor

Dear Colleagues,

More than 200 different viruses can infect the human airway. Among them, several agents, such as RSV (respiratory syncytial virus), influenza, bocaviruses, metapneumovirus, rhinoviruses, enteroviruses, coronaviruses or adenoviruses circulate worldwide every year and are associated with a plethora of symptoms. In addition to the prevalent pathogens mentioned above that infect millions of individuals every year, viruses existing in an animal reservoir occasionally cross the species barrier and gain the ability to infect human beings. These zoonoses may lead epidemic or pandemic (SARS-CoV, MERS-CoV, Influenza, SARS-CoV2), which may have catastrophic repercussions usually correlating with more severe symptoms within the respiratory tract and sometimes with extra-respiratory tract manifestations and even death. In order to better understand the emergence of the latter viruses, the One Health concept (an integrative approach for the study of the interaction between humans, animals and the environment) is definitely helpful.

I would like to invite you to contribute your original research work to this special issue.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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