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Zoonotic Pathogen Infection and Host Defenses

Guest Editor:

Dr. Ming Zhou

College of Animal Science and
Technology College of Veterinary
Medicine, Huazhong Agricultural
University, Wuhan, China

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Message from the Guest Editor

Dear Colleagues,

Zoonotic pathogens live naturally in animals and can infect human cells, perhaps mutating slightly in the course of passage, which enables the pathogen to start a chain of infection through human hosts. Currently, there are many zoonotic pathogens that can infect humans and cause serious effects on human health. Thus, it is important to understand the interactions between zoonotic pathogens and hosts, which will lay a foundation for the prevention and control of zoonotic diseases.

In this Special Issue, we welcome reviews and original articles covering many aspects of the interactions between zoonotic pathogens and hosts. These include but are not limited to wild type pathogen isolation and evolutionary analysis, host defense mechanisms following zoonotic pathogen infection, roles of the microbiome during zoonotic pathogen infection, gene therapy for zoonosis, and vaccine development for zoonosis. We look forward to receiving your contributions.

Dr. Ming Zhou

Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The
University of Alabama at
Birmingham, 1825 University
Blvd, SHEL 814, Birmingham, AL
35294-2182, USA

Message from the Editor-in-Chief

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Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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