

Special Issue

Continuous Efforts in Understanding and Mitigating Foodborne Viruses

Message from the Guest Editors

Foodborne viruses such as human noroviruses, rotaviruses, hepatitis A virus, hepatitis E virus etc. continue to threaten public health worldwide. Despite of the recent breakthroughs, there are still large discrepancies over multiple aspects of foodborne viruses to be investigated. For the detection of foodborne viruses, the sensitivity stays as a challenge for molecular methods when food matrix is involved. Moreover, it is hard to distinguish the infectious and inactive viruses only based on molecular methods. The difficulty of virus cultivation always poses questions on public health indication of the virus detection results. For the mitigation of foodborne viruses, due to general high persistence of non-enveloped viruses, most of non-heat treatments maintaining organoleptic and nutritional properties of foods have rather limited effects over foodborne viruses. Many efforts therefore shall be dedicated in prevention of virus occurrence in food chains. This special issue intends to update our continuous efforts in understanding and mitigating foodborne viruses from farm to fork. We will specifically welcome studies with novel study methods in their investigations.

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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.

Editor-in-Chief

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