DESCRIPTION

*Biosafety and Health* is an open access, peer-reviewed journal sponsored by the Chinese Medical Association, managed by National Institute for Viral Disease Control and Prevention, Chinese Center for Disease Control and Prevention (China CDC). This journal aims to publish original research findings and thoughts in any aspect connected with public health and biosafety. Topics include but are not limited to: Identification and characterization of biological threats; Origin, transmission, and evolution of biological agents; Surveillance, risk assessment, and early-warning; Prevention, diagnosis, and therapeutics; Synthetic biotechnology, genome editing, and other new biotechniques; Policies and standards.

Biosafety and Health is published quarterly in English language. Article types include Original Research, Reviews, Perspectives, Correspondence, Case Report, News and Views, Highlights, Comments and policy forum, etc.

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Animal model, infectious disease/virology, immunology

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In vivo evaluation of vaccine candidates and immunotherapeutics in a biosafety level 4 facility for protection against high biocontainment viruses (Ebola, Nipah, Rift Valley and CCHF)

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Virus Genomics and Evolution, Bioinformatics

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Microbiology, microecology

Mosquito-borne Flavivirus, virus engineering, emerging infectious diseases.

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Biosafety, biocontainment, laboratory biosecurity, biorisk, sustainable laboratories for developing countries, laboratory acquired infection, risk assessment, competency in biosafety.

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Molecular mechanism of pathogen infection and regulation by the host, and the interaction between receptors and ligands during immune response.

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Biological safety, and health disparities.

**Philippe Stroot**, Xibios Biosafety Consulting, Turnhout, Belgium
Applied Biosafety and connected fields and topics

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Research on HIV, polio, and measles.

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Diagnosis and surveillance of HCoVs and other emerging viral diseases in China, R&D of vaccines against viral diseases (Influenza, HBV, Poxvirus and HCoVs).

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Improving the sciences in the field of biosafety and biocontainment practices for all biosafety levels; Evaluating decontamination and inactivation methods in applied applications; Integration of novel technological system into laboratory and health care environments to augment quality and safety outcomes; Improving the science of applied risk assessments

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Research on the virology and hepatology.

**Dayan Wang**, National Institute for Viral Disease Control and Prevention, Beijing, China
The antigenicity, genetic characteristics and drug resistance of human seasonal influenza virus and human infection with zoonotic influenza viruses

**Haoyi Wang**, Institute of Zoology Chinese Academy of Sciences, Chaoyang, Beijing, China
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Multidisciplinary research, especially in molecular epidemiology, genomics, functional genomics (omics), and environmental health; Research on applying new genomic/omics technologies to population-based studies of complex diseases.

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INTRODUCTION

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