



Genomics and Epidemiology of Clinical Microorganisms

Guest Editors:

Dr. Addy Cecilia Helguera-Repetto

Departamento de
Inmunobioquímica, Instituto
Nacional de Perinatología Isidro
Espinosa de los Reyes, Mexico
City 11000, Mexico

Dr. Moises Leon-Juarez

Instituto Nacional de
Perinatología, Ciudad de México
11000, Mexico

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Message from the Guest Editors

Genomics and Epidemiology of Clinical Microorganisms play a pivotal role in advancing our understanding of infectious diseases, guiding clinical practice, and informing public health policies. By harnessing the power of genomic analysis and epidemiological insights, we can effectively combat infectious diseases and safeguard global health.

This special issue aims to explore how genomics and epidemiology intersect to understand the dynamics, evolution, and clinical impact of microorganisms. Topics covered include genomic characterization of pathogens, evolutionary dynamics, transmission dynamics and outbreak investigations, host-pathogen interactions, One Health perspectives, bioinformatics and computational tools, clinical implications and public health interventions, and emerging technologies and methodologies. By providing a platform for sharing research findings and insights, this issue aims to improve our understanding of infectious diseases and help us find better ways to prevent and control them.





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Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Toxicology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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