

Special Issue

Molecular Mechanisms of Infectious Pathogen Adaptation, Emergence, and Re-emergence

Message from the Guest Editors

Pathogen emergence is a complex phenomenon due to multiple factors, like genetic adaptations, selective pressure by the human host, and antibiotic or antiviral pressure. Among re-emerging respiratory pathogens, tuberculosis (TB) is one of the leading causes of death by infection. Rising rates of TB antibiotic resistance have been recorded around the world, making these bacteria immune to anti-TB drugs. TB can persist in many infected individuals in a latent state for many years and can be reactivated to cause disease. This Special Issue offers an open access platform that aims to bring together a collection of research articles, reviews, and perspectives to address various aspects of pathogen emergence and re-emergence and the development of therapeutic tools against difficult pathogens.

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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