

Special Issue

Vector-Borne Infections: From Ecology to Vector-Microbe-Host Interactions

Message from the Guest Editors

Dear colleagues, Many viral, bacterial, and parasitic infectious disease agents have been found to be transmitted directly from person to person, or from animals to humans by insect vectors. Besides causing hundreds of millions of cases of disease in humans and animals each year, insects also play a significant role in the dissemination of these organisms as well as important traits (e.g., virulence and drug resistance genes) in different ecological niches, including water bodies, in/near hospitals and animal farms, and food production facilities. In addition, some factors, such as climate change, and societal changes, such as agricultural practices and deforestation, significantly influence the distribution of the vector and the emergence/resurgence of vector-borne diseases. Nevertheless, little is known about them despite their great importance. We welcome manuscripts (original research papers, reviews, and meta-analyses) that provide insights into vector-borne diseases and their role in the emergence/spread of drug resistance and the influence of environmental factors for the Special Issue.

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Message from the Editor-in-Chief

Editor-in-Chief

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