

Special Issue

Molecular Biology of Chagas Disease, Leishmaniasis, and West Nile Virus Vectors in the Old and New World

Message from the Guest Editor

This Special Issue will be supervised by Dr. Ildefonso Fernandez-Salas, assisted by our Topical Advisory Panel Members Dr. Eduardo A Rebollar-Tellez and Dr. Jesus A Davila-Barbosa. Despite impressive advances in science, infectious diseases transmitted by arthropods account for 17% of the global disease burden, particularly in developing countries. These diseases have been labeled as "neglected diseases", which has led health systems and budgets to overlook them in favor of chronic and degenerative illnesses. This Special Issue aims to draw attention to the molecular biology of other diseases caused by endemic and reemerging pathogens, such as American Trypanosomiasis (Chagas Disease), the protozoan Leishmania and its sandfly vectors (Phlebotominae), as well as the anticipated 2024 outbreak of West Nile Virus in several countries around the Mediterranean sea. We encourage papers that utilize molecular approaches, but we also value high-quality research in vector biology, ecology, genetics, and host–pathogen–vector interactions.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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