

Special Issue

Biology, Genetics and Evolution of Mosquitoes

Message from the Guest Editors

The research literature on mosquitoes over the past two decades has increasingly placed this group of insects at the forefront of contemporary thinking within the broad discipline of evolutionary genetics. Deep insights into the molecular genetics of mosquito have been realized by laboratories exploring ways to disrupt their host-seeking behaviors. Exploration of mosquito/pathogen and mosquito/host coevolution is being illuminated by research on mosquito immune and salivary protein-encoding genes. The field of speciation biology is actively under study by mosquito research community who are taking advantage of the vast amount of whole-genome sequencing data available for an increasing number of mosquito species. Advances in next-generation sequencing technology have helped to make studies with large number of individual field-collected mosquitoes feasible, resulting in advances within the field of population genomics. In this Special Issue, we aim to select a number of papers authored by leaders in the field of mosquito biology and evolution.

Guest Editors

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Prof. Dr. Frederic Simard

Prof. Dr. Gregory C. Lanzaro

Deadline for manuscript submissions

closed (27 October 2023)



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Message from the Editor-in-Chief

Editor-in-Chief

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