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Diptera in Aquatic and Semiaquatic Environments: Diversity and Adaptations

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Message from the Guest Editors

Dear Colleagues,

Diptera is one of the most diverse animal groups in terms of both the number of species and ecological traits. Diptera are the most successful insects in colonizing aquatic environments and one of the most ecologically important components of aquatic and semiaquatic communities and ecosystems. Larvae in many tens of Diptera families inhabit standing and running waters, their shorelines and other wet semiaquatic habitats. Representatives of Diptera provide numerous amazing examples of adaptations to various aquatic and semiaquatic environments, including many extreme habitats. On the other hand, the diversity, life histories and adaptations are still poorly known for most dipterans associated with aquatic environments and various semiaquatic habitats. This Special Issue, "Diptera in Aquatic and Semiaquatic Environments: Diversity and Adaptations", aims to provide an opportunity to publish high-quality original papers and reviews on the diversity, taxonomy, ecology and multilevel adaptations of Diptera associated with aquatic and semiaquatic environments.

Dr. Andrey Przhiboro

Dr. Valeria Lencioni

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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