



diversity

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Genetic Diversity of Domesticated and Natural Fish Populations: Patterns and Processes

Guest Editors:

Dr. Simon Blanchet

Station d'Ecologie Théorique et
Expérimentale, UPR 2021, Centre
National pour la Recherche
Scientifique et Université Paul
Sabatier, 09200 Moulis, France

Dr. Jérôme G Prunier

Station d'Ecologie Théorique et
Expérimentale, UPR 2021, Centre
National pour la Recherche
Scientifique et Université Paul
Sabatier, 09200 Moulis, France

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submissions:

closed (31 March 2023)

Message from the Guest Editors

The goal of this Special Issue is to reveal spatial and temporal patterns of genetic diversity in fish populations, but also to identify the processes that generate these patterns. We are open to a wide range of contributions from the fields of landscape genetics, phylogeography, phylogenetics or macrogenetics, covering landscape- to continental-scale studies, as well as contemporary to geological time scales. Studies focusing on patterns of both neutral and functional genetic diversity through the use of genomic, transcriptomic and/or epigenetic markers are particularly welcome since “-omic” tools now permit routinely and jointly inspecting both aspects of fish genetic diversity. Similarly, studies investigating processes underlying spatiotemporal patterns of fish genetic diversity through advanced statistics or simulations would be relevant contributions to this Special Issue. Beyond these objectives, our aim is to attract studies with strong applied perspectives since genetic diversity is at the heart of many empirical applications such as wildlife conservation, habitat restoration or management of aquaculture and fisheries.



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Special Issue



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Editor-in-Chief

Prof. Dr. Michael Wink

Institute of Pharmacy and
Molecular Biotechnology,
Heidelberg University, Im
Neuenheimer Feld 329, D-69120
Heidelberg, Germany

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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Contact Us

Diversity Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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