

## Special Issue

# Chromosomal Variations In Amphibians and Reptiles

### Message from the Guest Editors

Chromosome variations are important but still understudied drivers of biodiversity. Chromosome rearrangements (or macromutations) may precede or follow molecular differentiation, and they may either promote or be a result of processes of phylogenetic diversification. In either case, they can be treated as discrete markers in evolutionary, phylogenetic, and taxonomic studies, highlighting the occurrence of different evolutionary pathways. Amphibians and reptiles display distinct, peculiar genomic and karyological features and are promising study models to better understand different aspects of chromosomal variations in an evolutionary framework. The aim of this Special Issue is to publish original research articles and reviews on inter- and intraspecific chromosome variations in different amphibian and reptile taxa.

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### Guest Editors

Prof. Gaetano Odierna  
Dr. Marcello Mezzasalma  
Prof. Dr. Fabio M. Guarino

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### Deadline for manuscript submissions

closed (31 August 2021)



## Animals

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## About the Journal

### Message from the Editor-in-Chief

*Animals* is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

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  2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia
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