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Phylogeny and Genomics of Reptiles

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Message from the Guest Editor

Research on the phylogeny and genomics of reptiles is currently developing at an extremely rapid pace. The obtained results are radically changing the existing understanding of the system of reptiles and have led to a revision in classification. They have also revealed critical conflicts between the results of morphological and molecular analysis, which has led to lengthy discussions.

This Special Issue will highlight advances in knowledge on the phylogenetic relationships and their taxonomic implications as well as the conservation genetics of recent reptiles: Squamates (lizards, snakes and amphisbaenians) and Testudines. Squamates are the key study group of terrestrial vertebrates; in the integrative studies of squamates, those within the molecular genetics field are of special value, providing a base for the interpretation of morphological, ecological and behavioral traits. Researchers are invited to provide contributions in the form of articles and short communications detailing recent and new discoveries in this field and toward finding new directions of investigation for phylogenetic and molecular studies.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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