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Evolution, Development, and Diversification of Vertebrates

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Deadline for manuscript submissions:

closed (30 June 2021)

Message from the Guest Editor

It is our pleasure to announce the launch of a new Special Issue in the journal *Diversity* titled “Evolution, Development, and Diversification of Vertebrates”, which is currently seeking submissions.

Extant vertebrates are represented by >70,000 recognized species whose morphological disparity ranges from the elongate and jawless hagfish to arboreal chameleons and bats, whose modified forelimbs have allowed them to travel by powered flight. While deep evolutionary time separates the major lineages of vertebrates, an ancestral genetic toolkit is both shared and continues to be differentially modified to give rise to an extraordinary array of phenotypes. In this Special Issue, we will present recent advances in our understanding of vertebrate phylogeny, the origin and modification of key features shared across vertebrates, and highlight EvoDevo research integrating classic and non-model systems that contribute to our understanding of how vertebrate body plan diversity arises through changes at various biological hierarchical levels.



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Special Issue



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Message from the Editor-in-Chief

Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

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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