

Special Issue

Behavioral and Cognitive Genomics in Animals

Message from the Guest Editor

This issue aims to explore the genomic influences on behavioral and cognitive traits exhibited by different vertebrate species, providing insights into their evolutionary origins, mechanisms, and functions. Understanding the genetic basis of behavior and cognition has long been a goal in biology. Vertebrates offer a diverse range of species and complex behavioral repertoires, making them an ideal platform for investigating the links between genes, the brain, and behavior. Recent advancements in genomics technologies and comparative analyses present unprecedented opportunities to delve into the molecular and functional aspects of behavioral and cognitive variation. This special issue covers a wide scope of topics within comparative and functional genomics of behavioral and cognitive phenotypes in vertebrates. We invite original research articles, reviews, and methodological papers that shed light on the genetic and genomic factors contributing to behavioral and cognitive diversity across species.

Guest Editor

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Deadline for manuscript submissions

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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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