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Companion Animal Genetics and Genomics

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Deadline for manuscript
submissions:

closed (20 December 2023)

Message from the Guest Editor

Genes has devoted several Special Issues to cats, dogs and other companion animal species in the past. Companion animals are the beloved friends of humans and share the environment with their owners. Due to their close phylogenetic relationship with humans and their specific physiological characteristics, they often represent excellent models for human traits and diseases. The importance of genetic research on companion animals is recognized with this Special Issue.

This Special Issue will cover all aspects of companion animal genetics and genomics, including studies on domestication and breed development, genetic diversity, determinants of morphology and coat color, behavioral genetics and genetics of athletic performance, genetics of inherited diseases and cancer genetics. The ever advancing technological developments in sequencing and data analysis, together with large publicly available resource datasets, facilitate new approaches to tackle open questions. We are looking forward to receiving your exciting research manuscripts that will inform biology and (veterinary) medicine.



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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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