

Special Issue

Advances in Canine Genetics

Message from the Guest Editor

The centuries through which humans have shared our homes and livelihoods with dogs are written in their genomes. Our technological and analytical innovations allow us to reveal those long-held secrets that have tied our species together over time. Through the combined efforts of the global canine genetics research community, the domestic dog has been propelled to the forefront of scientific advancements in the areas of health, morphology, population genetics, domestication, and behavior. The continually improving accessibility to cutting-edge genetic technologies has opened the door for amazing discoveries that benefit both dogs and humans. This Special Issue on advances in canine genetics will explore the ways in which the domestic dog contributes to scientific discoveries. Broad topic areas include the genetic mapping of variants in disease and morphology, population genetics and demography of domestic and wild canids, the inheritance of complex phenotypes such as cancer and behavior, and bioinformatic applications and innovations.

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2022)

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Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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