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Genetics and the Canines: From Evolution to Conservation

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Message from the Guest Editors

Wolf conservation worldwide is at a crossroads: on one side, endangered populations still struggle to survive, whereas many others are expanding after centuries of decline, challenging our ability to promote a sustainable coexistence with human activities.

In this context, the steep advances in genetics and genomic approaches provide unprecedented support to effectively monitor populations, reconstruct the phylogeny of related species, subspecies and populations, map evolutionarily important genetic variants associated with adaptive variation, identify even subtle traces of hybridization with domestic dogs and better reconstruct the long history of domestication. In this Special Issue, we seek to gather the most up-to-date studies on the genetics and genomics of this focal species, from both an evolutionary and conservation point of view, by inviting a wide range of paper submissions, including research papers, short notes and reviews.



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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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