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Coat Color Genetics

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Deadline for manuscript
submissions:

closed (19 June 2020)

Message from the Guest Editor

Ancient DNA studies showed that coat color variation was one of the traits selected following the domestication of many animals. Color traits also led the way in classical genetic studies because they are desirable, the phenotypes are often easily measured, and many genetic variants exist. As a result of the pleiotropic effects of color genes and the ease with which they can be scored, color genetics is a valuable tool for research in areas of neurology, obesity, immune response, developmental patterning, and gene regulation, to name but a few. Though it was one of the first genetic traits ever studied, coat color continues to yield novel discoveries and a fresh understanding of fundamental principles in mammalian biology. This Special Issue on coat color genetics is dedicated to the most recent developments in mammalian pigmentation.



mdpi.com/si/36405

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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