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Feline Genetics

Guest Editor:

Prof. Leslie A. Lyons

Veterinary Medicine & Surgery,
College of Veterinary Medicine,
University of Missouri, Columbia,
MO, USA

Deadline for manuscript
submissions:

closed (30 November 2018)

Message from the Guest Editor

The domestic cat is a valued companion animal and an important biomedical model for human disease. Comparative genetics and genomic analyses supports the use of the cat to decipher physiological pathways and processes, not only for health studies, but also to understand domestication and evolution of mammalian species. The cat has had a symbiotic relationship with humans for nearly 10,000 years, migrating to remote regions of the world with humans. The population dynamics and migrations of the cat provides insight to human migration patterns and has established unique populations for the study of natural and artificial selections on the cat genome. Genome and genetic resources have evolved to support the application of Precision Medicine in cats, which should improve both feline and human health. This Special Issue will present the current genetic resources for the domestic cat and its roles in disease and genomic studies.



mdpi.com/si/15957

Special Issue



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Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The
University of Alabama at
Birmingham, 1825 University
Blvd, SHEL 814, Birmingham, AL
35294-2182, USA

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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Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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