

Special Issue

Genetic Structure of World Animal Populations

Message from the Guest Editors

There are over 15,000 species of mammals and birds around the world. Although only a small percentage of animal species are considered farm animals, their numbers are much greater than those of animals living in the wild. The results of applied genetic-improvement programs (based on selection and crossbreeding) are many breeds, varieties, and commercial lines. Over the last decades, the advancing globalization of animal husbandry has led to a significant reduction in local populations, and consequently many species have been included in genetic resources conservation programs. However, new and often endangered populations are still being discovered, especially in developing countries. The genetic structure of livestock and wild animal populations will be the topic of a Special Issue of *Genes*. We invite you to submit review articles, original papers, and short communications on genetic variation within and between animal populations. We hope that this Special Issue will be a valuable compendium of knowledge concerning not only biodiversity but also modern methods of molecular and statistical data analysis.

Guest Editors

Prof. Dr. Tomasz Szwaczkowski

Department of Genetics and Animal Breeding, Poznan University of Life Sciences, Wolynska st. 33, 60-637 Poznan, Poland

Prof. Dr. Martino Cassandro

Department of Agronomy, Food, Natural Resources, Animals and Environment (DAFNAE), Università di Padova, Viale dell'Università 16, 35020 Legnaro, Italy

Deadline for manuscript submissions

closed (15 June 2022)

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Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

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About the Journal

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

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham,
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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