Selecting the Genetics of Behavior, Cognition, and Intelligence in Domestic Animals

Guest Editor:

Dr. Francisco Javier Navas González

Genetics Department, Faculty of Veterinary Sciences, University of Córdoba, Rabanales University Campus, 14071 Córdoba, Spain

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Message from the Guest Editor

Genetic factors may play a significant role in both species-specific behaviors and behavioral and cognitive differences exhibited by individuals. Exploring the impacts of selection on domestic animal behavior can lead to the discovery of new functional niches and selection criteria for domestic species, which may end in a perfect symbiosis, after which both humans and animals could benefit.

This Special Issue focuses on studying the genetic background behind behavior functional traits, quantifying how these are inherited and evaluating the development of models controlling the factors conditioning the expression of certain behavior functional features as a comprehensive way to shed light into the genetic fraction involved in these often-unknown traits. Discussions of genetics and behavior may be useful to anyone interested in animal behavior, given the potential benefits that may be linked to the special psychological nature of domestic species as facilitators of learning processes and for the development of key life skills and confidence building for a wide spectrum of vulnerable people, or whose knowledge may lead to the improvement of welfare and animal care.

Special Issue

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips
1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

Message from the Editor-in-Chief

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