

## Special Issue

# Advances in Molecular Genetics in Domestic Animals

### Message from the Guest Editors

The development of molecular genetics in recent decades has had a significant impact on the adaptation of animal production to a number of big challenges. There are needs for the sustainable production of animal food, increasing the quality of animal products, improving the welfare of domestic animals, automatization (robotization) of conventional production technologies, reducing the negative impact of animal production on the environment. The development of new methodological (analytical) methods of molecular genetics provides a powerful "tool" for numerous aspects of the adaptation and development of animal production. Advanced molecular genetics enables direct and complete understanding of phylogenetic processes within and between breeds, the improvement of selection efficiency, direct and indirect selection for preferred genotypes and traits, elimination (suppression) of certain genetic diseases, improvement of breeds fitness and resistance traits, and much more. This Special Issue focuses on the advances in molecular genetics in domestic animals, the development and application of new analytical and methodological approaches in the field and more.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 December 2022)



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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### Editor-in-Chief

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