

Special Issue

Genomics Application in Sheep and Goat Rearing

Message from the Guest Editor

In recent years, with the development of genomics sequencing technology, the most important biological processes of sheep and goats are gradually being elucidated. Not only has this revealed their genetic diversity, population structure, and evolution, as well as the main functional genes via genomic data and bioinformatics technologies, but it has also uncovered the genetic basis for some important traits, such as high reproductive capacity, meat and milk production, the quality of cashmere and wool, as well as discovering potential biomarkers. Based on above, this Special Issue invites research articles, reviews, and short communications that include, but are not limited to, the following: genetics analysis and improvements in breeding the important traits of sheep and goats, molecular function dissection, gene regulation mechanisms, gene family evolution, expression regulation networks, and other studies of sheep and goats using high-throughput data.

Guest Editor

Dr. Zhibin Ji

College of Animal Science and Technology, Shandong Agricultural University, Tai'an 271000, China

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

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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