Special Issue on Animal Breeding and Genetics

Call for Papers

Animal breeding is a branch of animal science that addresses the evaluation of the genetic value (estimated breeding value, EBV) of livestock. Selecting for breeding animals with superior EBV in growth rate, egg, meat, milk, or wool production, or with other desirable traits has revolutionized livestock production throughout the world. The scientific theory of animal breeding incorporates population genetics, quantitative genetics and statistics.

Animal genetics studies heredity and variation chiefly in farm animals but also in domestic and wild animals. It is based on general genetic principles and concepts, and it mainly uses the hybrid, cytological, population, ontogenetic, mathematical statistical, and twin methods of general genetics.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Animal Breeding and Genetics**. Potential topics include, but are not limited to:

- Genetic traits and animal reproduction
- Livestock production and biotechnology
- Genetics and genomics study
- Animal diversity, variation and breeding
- Animal health technology
- Disease diagnostic and control
- Selection methods and genetics
- Genetically modified technology
- Statistical methods and models
- Breeding strategies for sustainable management
- Animal genetic resources

Authors should read over the journal's For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue** – *Animal Breeding and Genetics*" should be chosen during your submission.

According to the following timetable:

Submission Deadline	February 19th, 2021
Publication Date	April 2021

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

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