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Genome-Wide Associations for Growth Traits in Livestock Species

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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on gathering a compendium of genome-wide association studies (GWAS) related to growth traits in livestock. Growth traits are very important for production and are the first to be selected in many species. They show moderate-to-high heritability and potential for genetic gain. GWAS results show that growth traits follow the infinitesimal model, with a few genes making small contributions to expression. However, the main associated regions vary according to the species, trait, breed, population and methodologies applied. Thus, this Special Issue aims to shed light on these not fully understood questions in order to further our understanding of the biological expression of growth traits and to evaluate them.

Deadline for manuscript
submissions:

closed (20 February 2023)



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Special Issue



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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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