



Molecular Control of Growth Performance

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Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Interest is increasing regarding the molecular principle behind the complex interactions of signals on the molecular control of metabolic and musculo-skeletal growth processes. Concern is also increasing regarding metabolic aging acting on dysregulation of energy intake, increasing the risk of energy imbalance and micronutrient deficiencies.

This research topic will focus on positive or negative molecules able to interact with metabolism and growth in model organism or farmed species. Manuscripts (including original research, perspectives, mini-reviews, commentaries and opinion papers) addressing one or more of the following themes are invited:

Hormonal control of appetite (orexigenic and anorexigenic signals) central and/or peripheral control;

Hormonal control of metabolism and growth;

Glucose and insulin as potential mediators of impaired regulation of food intake;

Genetic alteration, metabolic aging, and stress affecting metabolism and growth;

The effects of nutritional factors (diet, feeding systems, additives, probiotics, prebiotics, micronutrients etc..) on metabolism and growth;

Studies of musculo-skeletal growth and anomalies using bio-molecular tools.





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Editor-in-Chief

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Message from the Editor-in-Chief

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