

## Special Issue

# Molecular Control of Growth Performance

### 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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### Guest Editors

Prof. Dr. Oliana Carnevali

Dr. Luisa Dalla Valle

Dr. Seyed Hossein Hoseinifar

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### Deadline for manuscript submissions

closed (30 June 2022)



## International Journal of Molecular Sciences

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## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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