

Special Issue

Hormones and Animal-Derived Compounds of Plants

Message from the Guest Editor

Dear colleagues☐ Hormones or other bioactive compounds are derived from plant biosynthetic pathways that can act locally (at the site of their synthesis) or transported to some other site within the plant body to mediate growth and development responses. In many plant species, various animal hormones occur and play a key role in the control of reproductive development. Animal hormones, e.g., androgens, estrogens, corticosteroids, and ecdysteroids, research to enhance plants' production and performance, have gained momentum. This Special Issue entitled "Hormones and Animal-Derived Compounds of Plants" welcomes original research articles that present: 1) all aspects of the hormonal regulation of growth, development, and senescence; 2) phytohormone signaling pathways under environmental stress; 3) functions of animal hormones in plants. I look forward to the novel and fascinating research outcomes. I also appreciate the submission of review articles that critically assess and discuss the current state of the art concerning the highlighted topics.

Guest Editor

Dr. Andrzej Bajguz

Department of Biology and Plant Ecology, Faculty of Biology, University of Białystok, Białystok, Poland

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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