

Special Issue

Advances in Molecular Biology of Action of Auxins

Message from the Guest Editors

The plant hormone auxin acts as a general coordinator of plant growth and development by controlling numerous developmental processes as apical dominance, embryo development, vascular patterning or abscission. The polar auxin transport machinery mediates differences in auxin distribution within tissues, and cellular auxin responses occur depending on changes in cellular auxin levels. The majority of cellular responses is represented by modulation of the expression of wide range of genes that consequently influence development. In this Special issue, we will focus on auxin and its fundamental action on plant growth and development. We encourage researchers to submit recent studies unravelling novel aspects of auxin transport, metabolism, perception, and signaling.

Guest Editors

Prof. Dr. Steffen Vanneste

Department of Plant Biotechnology and Bioinformatics, Ghent University, 9000 Ghent, Belgium
VIB Center for Plant Systems Biology, VIB, 9000 Ghent, Belgium

Dr. Peter Grones

VIB-Ugent Center for Plant Systems Biology, Ghent University, 9000 Ghent, Belgium; Technologiepark-Zwijnaarde 71, 9052 Ghent, Belgium

Deadline for manuscript submissions

closed (31 January 2020)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/26590

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

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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