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Plant Hormone Functions in Metabolism and Development

Guest Editors:

Prof. Dr. Chizuko Yamamuro

Fujian Agriculture and Forestry University-University of California, Riverside, Joint Center for Horticultural Biology and Metabolomics, Haixia Institute of Science and Technology, Fujian Agriculture and Forestry University, Fuzhou 350002, China

Prof. Dr. Masahiko Furutani

College of Life Sciences, Fujian Agriculture and Forestry University, Fuzhou 350002, China

Deadline for manuscript submissions:

closed (24 June 2022)

Message from the Guest Editors

Dear Colleagues,

Plant hormones, alone or in combination with other plant hormones, coordinate biological process in plants. Biochemical and physiological studies have since identified bioactive small molecules that regulate plant growth and development as “plant hormones”. The last few decades have witnessed huge progress in understanding the molecular basis of hormone action by genetic analyses using the model plant *Arabidopsis thaliana*, such as in biosynthesis, signaling pathways, and transport systems. Progress in this research has led to a new chapter of understanding the role of plant hormones in controlling their unique morphology, with novel roles in specialized growth and development in the wide range of various plant species on Earth.

We propose that plant hormone research has great potential to be developed into a key research area that provide connections between different major research fields, such as metabolism, development, and biodiversity and evolution.

For this Special Issue, we are seeking research and review papers about plant hormone research.

Prof. Dr. Chizuko Yamamuro
Prof. Dr. Masahiko Furutani
Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in
Biomedicine (IRB Barcelona), The
Barcelona Institute of Science
and Technology, 08028
Barcelona, Spain

Message from the Editor-in-Chief

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Life Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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