



Lectins: From Basic Science to Application for Glycobiology, Cell Biology, and Medicine

Guest Editors:

Dr. Tomohisa Ogawa

Lab. of Enzymology, Graduate School of Agricultural Science, Tohoku University, 468-1 AzaAoba Aramaki, Aoba-ku, Sendai 980-8572, Japan

Dr. Hiroaki Tateno

Department of Life Science and Biotechnology, National Institute of Advanced Industrial Science and Technology (AIST), Central 2, 1-1-1 Umezono, Tsukuba, Ibaraki 305-8568, Japan

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Message from the Guest Editors

Dear Colleagues,

It is our great pleasure to inform you that a Special Issue on “Lectins: From Basic Science to Application for Glycobiology, Cell Biology, and Medicine” will be published in the journal *Molecules*. Lectins are carbohydrate-binding proteins, which recognize the specific carbohydrate structures expressed on cells and mediate various physiological and pathological phenomenon through cell-cell and host-pathogen communications. Lectins are useful as research tools for glycomic analysis, and cell identification/separation. They were also demonstrated to be applied as cargo to deliver drugs inside cells, such as stem cells and tumor cells.

In this Special Issue, we focused on lectins from basics to applications for glycobiology, cell biology, and medicine.





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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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