



Salicylic Acid Signalling in Plants 2022

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Salicylic acid (SA) is ubiquitously distributed in the whole plant kingdom. The basal level of SA differs widely among species. It is generally present either in the free state or in the form of glycosylated, methylated, glucose ester, or amino acid conjugates. In plants, SA can be synthesized via two distinct and compartmentalized enzymatic pathways, both requiring the primary metabolite chorismate. L-phenylalanine, derived from chorismate, can be converted into SA via the precursors free benzoic acid, benzoyl glucose, or ortho-hydroxy-cinnamic acid, depending on the plant species. Chorismate can also be converted into SA via isochorismate.

Papers submitted to this Special Issue must report high-novelty results and/or new models on the mode of action of SA in plants. The molecular mechanism(s) of SA-related signaling processes, new results of the synthesis of SA, and the role of other related molecules (precursors, conjugated forms, etc.) are also of interest. Research articles and review papers are also welcome.

Prof. Dr. Tibor Janda
Guest Editor





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Message from the Editor-in-Chief

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