

# Special Issue

## Plant Isoprenoids

### Message from the Guest Editors

Isoprenoids called also terpenoids, are constituents of all living cells, but they are especially abundant in plant tissues. They constitute the most structurally (>50,000 compounds) and functionally diverse class of plant natural products, including both essential primary metabolites and a broad range of secondary metabolites - also termed 'specialized' to underline their vital functions in plant cells, e.g. as stress-responsive compounds, attractants, repellents, modulators of allelopathic interactions, etc. The profile of plant isoprenoids (the 'terpenome') is species- but also cell-type specific. Moreover, some isoprenoids are produced constitutively while the synthesis of others is induced in response to environmental cues. To maintain the required cellular balance of particular isoprenoids a precise and strictly regulated metabolic network exists. Last but not least, numerous applications of plant isoprenoids make them the most commercially exploited group of plant-derived natural products. This Special Issue aims to present the latest achievements in the field of studies on metabolic routes and elucidations of function of plant isoprenoids.

### Guest Editors

Prof. Dr. Ewa Swiezewska

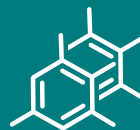
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### Deadline for manuscript submissions

closed (30 September 2019)



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