

My (almost) 20 years of Cytokinin Research

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Abstract:

Plant hormones cytokinins are derivatives of adenine with an isoprenoid side chain. They affect virtually all aspects of plant physiology and thus knowledge of their metabolism, as well as signalling is crucial for understanding how plant develops and responses to various environmental cues with potential application in agriculture. I will present my previous research on cytokinins. I utilised methods of protein chemistry, analytical chemistry, molecular biology and genetics to discover novel cytokinin metabolites and unravel the metabolism of cytokinins