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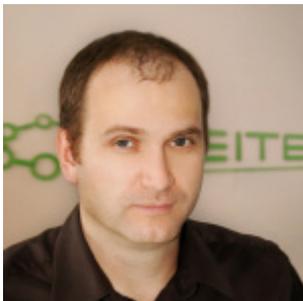
Hormonal regulation of plant development - omics and systems biology approaches

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Anotace:

Cytokinins (CKs) belong to the group of principal regulators of plant growth. In the past years, tremendous progress was achieved allowing identification of CK signaling pathway and the target genes. Several recent evidences show that CK action and signaling is tightly interconnected with the action of other plant growth regulators and external stimuli, leading to rather complex regulatory network. I will introduce results of our recent studies showing the importance of employing -omics and systems biology approaches for our understanding to complex regulatory pathways involved in the hormonal control of plant development.



Www: <http://www.ceitec.eu/programs/genomics-and-proteomics-of-plant-systems/functional-genomics-and-proteomics-of-plants/>



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