CROATIAN SOCIETY OF PLANT BIOLOGISTS
HRVATSKO DRUŠTVO ZA BILJNU BIOLOGIJU
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HDBB SYMPOSIUM 2026 with international participation

December 3 – 4, 2026

Library of Croatian Academy of Arts and Sciences
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PROGRAMME

	Thursday, December 3
12:00-12:30	Registration
12:30-12:40	Opening
	Predavanja
12:45-13:15	**François Héricourt**, *Univ. Orléans, INRAE UMR 1328, France* Characterization of membrane histidine kinases involved in poplar osmosensing: toward application in plant drought tolerance
13:20-13:50	**Smiljana Goreta Ban,** *Institute of Agriculture and Tourism, Poreč, Croatia* Untangling Croatian shallot diversity: integrating phenotypic, phytochemical and genetic evidence
13:55-14:10	**Snježana Jurić,** *Independent Researcher, Zagreb, Croatia* Dissecting florigen interactions with chloroplast membranes and the thylakoid formation1 protein using nanobodies
14:15-15:00	**Coffee break**
15:00-15:30	**Gašper Šolinc,** *National Institute of Chemistry, Ljubljana, Slovenia* Cryo-electron microscopy and the out-of-place structure of bryoporin
15:35-15:50	**Biljana Balen,** *University of Zagreb Faculty of Science, Croatia* The effects of interactions between silver nanoparticles and microplastics on oxidative stress in *Allium cepa* roots
	Kratka priopćenja
16:00-16:05	**Matea Kuljanić,** *University of Zagreb Faculty of Science, Croatia* Development of a modular CRISPR/Cas9 system for plant genome editing
16:10-16:15	**Anna Suwińska** Post-transcriptional silencing of PhCNX1 disrupts polarized growth of Petunia pollen tubes
16:20-16:25	**Marta Frlin**, *University of Zagreb Faculty of Science, Croatia* Exogenous ferulic acid restores glutathione levels and alters phenolic profile in broccoli microgreens subjected to flooding
16:30-16:35	**Selma Mlinarić,** *Josip Juraj Strossmayer University of Osijek, Croatia* Interspecific metabolite transfer modulates the driving forces for photosynthesis in radish microgreens
16:40-16:45	**Iva Kokotović**, *University of Zagreb Faculty of Science, Croatia* Physiological responses of aquatic moss to wastewater and warming

	Friday, December 4
9:00-9:15	Registration
	Predavanja
9:15-9:45	**Gabriela Kalčíková,** *University of Ljubljana, Faculty of Chemistry and Chemical Technology, Slovenia* Plants against plastics: exploring phytoremediation of microplastic pollution
9:50-10:20	**Mirna Ćurković-Perica,** *University of Zagreb Faculty of Science, Croatia* In search of hypovirulence
10:25-10:40	**Kristina Majsec,** *Ruđer Bošković Institute, Zagreb, Croatia* Aliphatic glucosinolate metabolism is the main distinctive feature between leafy kale (*Brassica oleracea* var. *acephala*) and its wild relative (*B. incana*)
10:45-11:30	**Coffee break**
11:30-11:45	**Nataša Bauer,** *University of Zagreb Faculty of Science, Croatia* Alternative BPM2 isoforms as modulators of target protein localization and function
11:50-12:05	**Mateja Jagić,** *University of Zagreb Faculty of Science, Croatia* When ubiquitination meets DNA methylation: a novel regulatory role for BPM1
12:10-12:25	**Nalika Damayanthi,** *Tea Research Institute, Sri Lanka* Evaluating the role of silicon in enhancing drought stress tolerance in tea (*Camellia sinensis*)
12:30-12:45	**Bogumił Łosiewicz** Growth unaffected, electron transport altered: effects of paracetamol, tramadol and their mixture on *Lemna minor* L.
	Kratka priopćenja
12:50-12:55	**Diellza Kastrati,** *Hungarian University of Agriculture and Life Sciences* Genetic resistance to tomato brown rugose fruit virus in wild *Solanum peruvianum*
13:00-13:05	**Karlo Miškec,** *University of Zagreb Faculty of Science, Croatia* Phytochemical responses of onion (*Allium cepa* L.) roots to individual and combined silver nanoparticle and microplastic exposure
13:10-13:15	**Dorian Loknar,** *University of Zagreb Faculty of Science, Croatia* Effects of combined exposure to silver nanoparticles and microplastics on the plasmid DNA protective capacity of *Allium cepa* root extracts
13:20-13:25	**Dona Vuković,** *University of Zagreb Faculty of Science, Croatia* The effect of microplastics on the toxicity of silver nanoparticles stabilized with PVP- and CTAB in *Chlorella vulgaris*: oxidative stress and ultrastructural alterations