

# STUDENT CONFERENCE: ORAL PRESENTATIONS

PROGRAMME OF 15TH STUDENT' CONFERENCE OF THE CZECH SOCIETY OF EXPERIMENTAL PLANT BIOLOGY,

## PLANT BIOLOGY CS 2019

ČESKÉ BUDĚJOVICE AUGUST 25-26, 2019

### SUNDAY, AUGUST 25

#### SESSION No. 2, 9, 11, 14

TIME	SPEAKER	TOPIC	HALL	ID
12:15-12:30	K. KOLÁŘOVÁ	NAP1 DELETION SUPPRESSES FAS1 MUTANT PHENOTYPE AND ENHANCES GENOME STABILITY	B2	2.-O-6 S
12:30-12:45	T. KONEČNÝ	ROLE OF PRC2 IN EMBRYO DEVELOPMENT IN ARABIDOPSIS THALIANA	B2	9.-O-6 S
12:45-13:00	I. PETŘÍK	A NEW APPROACHES FOR PHYTOHORMONE ISOLATION FROM PLANT TISSUES	B2	11.-O-5 S
13:00-13:15	J. HRDLIČKA	QUANTIFICATION OF KARRIKINS USING UHPLC-MS/MS	B2	11.-O-6 S
13:15-13:30	B. KLODOVÁ	SEARCHING FOR INTERACTION PREFERENCES BETWEEN NASCENT POLYPEPTIDE ASSOCIATED COMPLEX ALPHA AND BETA SUBUNITS AND REVEALING GENES INFLUENCED BY THE KNOCK DOWN OF BOTH BETA SUBUNITS IN ARABIDOPSIS THALIANA FLOWER BUDS	B2	14.-O-7 S

#### SESSION No. 10, 13

14:15-14:30	D. STEHLÍK	EFFECT OF LEPTOSPHAERIA MACULANS HEXOSE TRANSPORTER ON VIRULENCE TOWARDS BRASSICA NAPUS	B2	10.-O-6 S
14:30-14:45	H. LEONTOVYČOVÁ	CAN ACTIN DEPOLYMERIZATION LEAD TO INCREASED PLANT RESISTANCE?	B2	10.-O-7 S
14:45-15:00	V. BALAKHONOVA	CYTOKININ/ETHYLENE CROSSTALK DURING ARABIDOPSIS DE-ETIOLATION	B2	13.-O-5 S
15:00-15:15	K. ŠÍPOŠOVÁ	EFFECTS OF AUXIN ON THE PLANT GROWTH AND THE CELL WALL ROOT ARCHITECTURE IN MAIZE (ZEA MAYS L.)	B2	13.-O-6 S
15:15-15:30	Z. KUČEROVÁ	UNIQUE ACTIVITY OF CYTOKININ ARABINOSIDES	B2	13.-O-7 S

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## SESSION No. 1, 3

16:15-16:30	B. ASKANBAYEVA	AMPHISTOMY LEVEL IS LINKED TO LEAF TRANSVERSAL CO <sub>2</sub> GRADIENT IN <i>ARAUCARIA BIDWILLII</i>	B2	1.-O-6 S
16:30-16:45	E. NEUWIRTHOVÁ	PHENOLOGICAL STUDY OF LEAF BIOCHEMICAL, STRUCTURAL AND OPTICAL PROPERTIES IN DECIDUOUS TREE SPECIES DURING THE VEGETATIVE SEASON IN ESTONIA	B2	1.-O-7 S
16:45-17:00	L. MARYŠKA	IMPACT OF GOLD NANOPARTICLES ON PLANTS AND THEIR PHYTOPATHOGENS	B2	1.-O-8 S
17:00-17:15	M. N. ARIF	MECHANISMS OF PHOTOPROTECTION IN PHOTOSYNTHESIS OF WINTER WHEAT	B2	3.-O-7 S
17:15-17:30	M. CANONICO	MICRODOMAINS OF PIGMENT-PROTEINS IN THYLAKOIDS DURING HIGH-LIGHT STRESS IN <i>SYNECHOCYSTIS SP. PCC 6803</i> - PHYSIOLOGY AND PROTEINS ORGANIZATION	B2	3.-O-8 S

## POSTER SESSION

18:00-20:00 POSTER SESSION

## MONDAY, AUGUST 26

### SESSION No. 7

<i>TIME</i>	<i>SPEAKER</i>	<i>TOPIC</i>	<i>HALL</i>	<i>ID</i>
9:00-9:15	D. KOSTOLÁNI	DIFFERENT RESPONSES OF TWO <i>SORGHUM BICOLOR</i> CULTIVARS TO DROUGHT STRESS	B2	7.-O-6 S
9:15-9:30	L. SVOBODNÍKOVÁ	TOBACCO BY-2 CELL SUSPENSION AS A MODEL FOR ASSESSMENT OF PHARMACEUTICALS PHYTOTOXICITY	B2	7.-O-7 S
9:30-9:45	L. DEMECSOVÁ	POSSIBLE ROLE OF NITRIC OXIDE IN THE BARLEY ROOT RESPONSE TO CADMIUM STRESS	B2	7.-O-8 S
9:45-10:00	L. HUNT	LOCALIZATION OF PHENOLIC COMPOUNDS IN <i>HORDEUM VULGARE</i> LEAF TISSUE IN RESPONSE TO CLIMATE CHANGE FACTORS	B2	7.-O-9 S
10:00-10:15	Ľ. HOLUBOVÁ	INTERACTION OF NON-THERMAL PLASMA AND <i>ZEA MAYS L.</i> SEEDS	B2	7.-O-10 S

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## SESSION No. 4, 12, 18, 20

11:00-11:15	M. ŠUSTR	INVOLVEMENT OF POTASSIUM TRANSPORTER KUP9 IN ROOT SYSTEM DEVELOPMENT	B2	4.-O-6 S
11:15-11:30	J. JAKŠOVÁ	TASTE FOR PROTEIN: CHEMICAL SIGNAL FROM PREY ACTIVATES JASMONATE SIGNALLING IN THE CARNIVOROUS PLANT VENUS FLYTRAP (DIONAEA MUSCIPULA ELLIS)	B2	12.-O-5 S
11:30-11:45	M. MARTINČOVÁ	INTERACTION OF AHL GENES AND THEIR EFFECT ON ROOT SYSTEM DEVELOPMENT	B2	18.-O-5 S
11:45-12:00	R. SHETTY	EVALUATION OF PHYTOTOXICITY OF ANTIMONY (Sb) AND ARSENIC (As) ON ARUNDO DONAX L.	B2	20.-O-8 S

14:00-16:00 WORKSHOP ON PHENOTYPING SHOWGROUND „ZEMĚ ŽIVITELKA“ IN CZECH !

## CLOSING REMARKS

18:30-19:30	CLOSING REMARKS AND STUDENTS' POSTER AND PRESENTATIONS AWARDS	B2
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