



Charles University in Prague
Faculty of Science
Department of Experimental Plant Biology



Presentations of Students of Ph.D. Study in Plant Anatomy and Physiology, Faculty of Science, Charles University in Prague

Monday **23. 5. 2016** in seminar room of the Department of Exp. Plant Biol., Viničná 5, Praha 2, 2nd floor, room number 213

9:00 9:05	Introduction		
	Student (year)	Title of project	Supervisor (Consultant)
9:05 9:25	Mgr. Denisa Rácová (1.)	Role of mycorrhizal and endophytic fungi in decomposition of plant roots	prof. RNDr. Jana Albrechtová, Ph.D. (Mgr. Petr Kohout)
9:25 9:45	Mgr. Roman Skokan (2.)	Evolution of auxin homeostasis mechanisms	Jan Petrášek (Karel Müller)
9:45 10:05	Mgr. Adéla Růžičková (1.)	Trafficking of sRNAs in plants impacted by genetic background and mode of sRNA formation	RNDr. Lukáš Fischer, Ph.D. (Mgr. Dimitrij Tyč)
10:05 10:25	Mgr. Josef Šonka (2.)	Heterotrimeric G-protein signalling in plants	RNDr. Miroslav Srba, Ph.D. (RNDr. Lukáš Fischer, Ph.D.)
	10:25 - 10:40 BREAK		
10:40 11:00	Mgr. Judith Garcia Gonzalez (2.)	Expression analysis of the ARP2/3 complex in plants	Kateřina Schwarzerová
11:00 11:20	Mgr. Zuzana Kubínová (6.)	Studium of changes of structural characteristics of photosynthetic apparatus of selected wood species under the effect of elevated CO ₂ and different irradiance	prof. RNDr. Jana Albrechtová, Ph.D. (RNDr. Lucie Kubínová, CSc., Mgr. Zuzana Lhotáková, Ph.D.)
11:20 11:40	Mgr. Stanislav Vosolsobě (6.)	Characterisation of tobacco DREPP protein family	Kateřina Schwarzerová (Jan Petrášek)
	11:40 - 11:50 BREAK		
11:50 12:10	Hana Ševčíková (7.)	Potato tuberization - the position of carbohydrate metabolism in the regulatory network	Helena Lipavská
12:10 12:30	Milan Urban (7.)	The physiological and proteomic characteristics of winter oilseed rape upon abiotic stress	Pavel Vítámvás