



**Charles University**  
**Faculty of Science**  
**Department of Experimental Plant Biology**



**Presentations of students of the Ph.D. Study in  
 Plant Anatomy and Physiology,  
 Faculty of Science, Charles University**

**Friday, 3<sup>rd</sup> May 2019**

**Seminar room KFR, 2nd floor, Viničná 5, Prague 2**

	<b>Student (year in 2018/19)</b>	<b>Title of project (Název projektu)</b>	<b>Supervisor, (Consultant)</b>
<b>9:00</b> 9:20	Michaela Broženská (1.)	Interakce virových patogenů obilnin a jejich přenašečů v klimatických změnách	Jiban Kumar,
9:20 9:40	Matěj Drs (1.)	The role of the exocyst subunits EXO70B1 and B2 in plant endomembrane transport	Tamara Pečenková
9:40 10:00	Kateřina Kratochvílová (1.)	Mechanism of encapsidation of tobacco mosaic virus RNA in vivo	Tomáš Moravec,
10:00 10:20	Kahrizi Zahra Aghcheh (1.)	The role of eukaryotic translation initiation factor (eIF3) in the mRNA storage of male gametophyte of angiosperm plants	David Honys (Christos Michaelidis)
	<b>10:20 - 10:30</b>	<b>BREAK</b>	
10:30 10:50	Shiv Mani Dubey (1.)	Developmental control of cell elongation in the root of Arabidopsis thaliana	Matyáš Fendrych
10:50 11:10	Lena Hunt (1.)	Dynamic structural and histochemical changes in barley leaf protective mechanisms under elevated CO <sub>2</sub> concentration and higher temperature	Jana Albrechtová, (Zuzana Lhotáková)
11:10 11:30	Jan Konečný (2.)	Modulation of phloem transport as a tool for tuberization strengthening in potato (Solanum tuberosum)	Helena Lipavská
11:30 <b>11:50</b>	Jan Šoch (2.)	Trehalose utilization in orchid family and evolution of trehalase genes	Jan Ponert