

SUPERVISOR'S OPINION OF DIPLOMA THESIS	
<input type="checkbox"/> Supervisor's opinion	Supervisor of the thesis: Said Hafidh PhD
	Date: 08.09.2022
Author of the thesis: Oliver Pitoňak	
Name of the thesis: Role of TCTP1 in plant reproduction	
<p>Inclusion of the submitted work in the context of current work of the team</p> <p>The lab of pollen Biology focuses on two major topics, cell-cell communication and post-transcriptional regulation mechanisms for successful fertilization and seed production. Oliver thesis topic entitle "The role of TCTP1 in plant reproduction" dissect the topic of cell-cell communication using a previously identified protein from a large scale secretome screen in the lab. His thesis topic fulfils a work package of an ongoing GACR grant and a previously granted EMBO fellowship.</p> <p>Oliver quickly adapted to validated techniques in the lab and through our routine consultations, he worked consistently to successfully introduce an extremely valuable recombinant protein expression system in the lab that needed endless optimisation (using multiple codon optimised strains and growth conditions) for different set of proteins he worked with. Using his gained skill, he has participated in two independent projects and helped his PhD colleagues to complete their experiments, manuscripts of which are currently under preparation. On his thesis topic, Oliver has generated and validated two novel results and other incoming data that will feature in another publication with him as one of the leading authors. Overall, Oliver actively engaged in lab meeting discussions and was a fun member in the lab.</p>	
<p>Student's approach to the given topic</p> <p>My initial impression of Oliver as a supervisor was his love of literature. With a little guidance, Oliver independently surveyed a wealth of literature that got him to speed with the topic and brought a series of ideas from very beginning. His approach eventually proved fruitful when he inspired two key experiments that proved decisive to our project goals and his thesis topic and has opened up to greater possibilities of further cool experiments to gain better insight on TCTP mode of function. Equally impressive, Oliver used his knowledge from lectures at the faculty and our consultation to master several protein modelling software's to design precise experiments and he has produced publication quality results as well as inspired new future experiments. Through our interaction, I can confirm Oliver is well organised, a bit too respectful and kept a detail record of his activities. He took a very good care of his experimental material and took responsibility for various lab tasks including organising lab zoom meetings during the covid pandemic as well as plant care of other lab members over the holidays.</p>	
<p>Work progress</p> <p>Oliver proceeded well with his thesis work as well as his lab responsibilities although the Covid pandemic had a significant backlash to what he could have truly achieved. Nevertheless, he has produced a wealth of data, contributed to other projects in the lab and has generated validated and very valuable material for future experiments.</p>	
Additional remarks on the course of work	
Final classification proposal: (1 – excellent)	
Signature of supervisor	

