



Přírodovědecká
fakulta
Faculty
of Science

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

CO-SUPERVISOR'S STATEMENT ON BACHELOR THESIS

Name of the student: Daniel Kitzberger

Study program: Biological Chemistry

Department/Institute: Faculty of Science, University of South Bohemia

Thesis title: Optimization of CRISPR/Cas9 technique for the *Ixodes* ticks genome editing

Co-Supervisor: Kateryna Kotsarenko, MSc., Ph.D.

Co-Supervisor's affiliation: Masaryk University, University of South Bohemia.

	Point scale ¹	Points
(1) FORMAL REQUIREMENTS		
Formal and graphical quality of the thesis	0-3	3
Ability to work with literature	0-3	3
Language and stylistics	0-3	2
Formal requirements – points in total		8
(2) PRACTICAL REQUIREMENTS		
Fulfillment of the aims	0-3	2
Ability to understand the results, their interpretation, and clarity of the results, discussion, and conclusions	0-3	2
Discussion quality – interpretation of results and their discussion with the literature	0-3	3
Experimental difficulty of the thesis, independence in experimental work	0-3	2
Contribution of the thesis to the knowledge in the field and the possibility to publish the results (after eventual supplementary experiments)	0-3	2
Practical requirements – points in total		11
POINTS IN TOTAL (MAX/AWARDED)	19	(0-24)²

Comments of the supervisor on the student and the thesis:

¹ Mark as: 0-unsatisfactory, 1-satisfactory, 2-average, 3-excellent.

² Enter the number of points awarded.

Daniel Kitzberger is a resourceful, enthusiastic, and adaptive student. During his bachelor's work, Daniel wrote a very informative literature overview. Also, he mastered many new methods and obtained some promising results for the tick's genome editing. I also want to emphasize Daniel's ability to mobilize at the last minute and give good results. However, my advice to Daniel is to follow a scientific writing style and be more focused on experimental work. But this does not affect the quality of his bachelor thesis, and in my opinion, Daniel's work deserves high scores.

Conclusion:

In conclusion, I recommend the thesis for the defense.

In Brno date 12 January 2021

