



Přírodovědecká
fakulta
Faculty
of Science

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

SUPERVISOR'S STATEMENT ON BACHELOR THESIS

Name of the student: Anna Kruglhuber

Study program: Biological Chemistry

Department/Institute: Chemistry

Thesis title: Mechanism of retrograde transport in contact-dependent inhibition (CDI) toxins through the bacterial translocon

Supervisor: Mgr. Tomáš Fessler, PhD.

Supervisor's affiliation: Dept. of Chemistry, Faculty of Science, JU

	Point scale ¹	Points
(1) FORMAL REQUIREMENTS		
Formal and graphical quality of the thesis	0-3	2
Ability to work with literature	0-3	3
Language and stylistics	0-3	2
Formal requirements – points in total		7
(2) PRACTICAL REQUIREMENTS		
Fulfillment of the aims	0-3	3
Ability to understand the results, their interpretation, and clarity of the results, discussion, and conclusions	0-3	3
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	3
Contribution of the thesis to the knowledge in the field and the possibility to publish the results (after eventual supplementary experiments)	0-3	3
Practical requirements – points in total		15
POINTS IN TOTAL (MAX/AWARDED)		
	17	(0-24)²

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

² Enter the number of points awarded.

Comments of the supervisor on the student and the thesis:

Anna was an excellent student. She was self-driven, motivated, well-organized and hardworking. She had to switch from experimental work to a fully computational project without any previous knowledge of the field. During the project, she mastered advanced techniques of molecular dynamics simulations and data analysis. She learned how to work with literature, independently learned how to perform the simulations and analyze the results. She was also fully capable of interpreting the outcome. In my opinion, Anna has all the necessary qualities needed to become an excellent researcher. My only recommendation is to focus on improving her writing skills in the future.

Conclusion:

In conclusion, I
r e c o m m e n d
the thesis for the defense.

In Ceske Budejovice date **21.9.2023**

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signature