



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: Isabela Vlasak

Study program: Biological Chemistry

Department/Institute: Department of Ecosystem Biology

Thesis title: Identifying and quantifying the degradation efficiency of chitinase in *Pseudomonas*

Supervisor: doc. Ing. Jiří Bárta, Ph.D.

Supervisor's affiliation: Faculty of Science, 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	3
Formal requirements – points in total		9
(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)		
	24	24²

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:

Isabela worked very actively all the time and quickly learned the basic methods of measuring enzyme activities using fluorescently labelled substrates in the laboratory. She approached her writing very carefully and independently. The experiments were unfortunately affected by the pandemic, but despite this, Isabela made it to the final stage and I think she wrote a successful bachelor thesis. I should point out that in addition to measuring enzyme activities, Isabela was also involved in testing the possibility of detecting chitinases by using specific primers, as we had the complete genome of the bacterium sequenced. These experiments are still running and we finally decided not to put them in the Bc thesis.

I have been very pleased with Isabela's work throughout. On the other hand, sometimes she had to nudge the supervisor to finish reading the chapters.

I am therefore very happy to recommend Isabel's thesis for defence.

Conclusion:

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

In České Budějovice date 17.9.2023

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signature