



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: Audra Salburg
Study program: Biological Chemistry
Department/Institute: Faculty of Sciences at the University of South Bohemia
Thesis title: 3D SBF-SEM analysis of inner organization of unicellular protist cell

Supervisor: RNDr. Jiří Týč, Ph.D.
Supervisor's affiliation: Laboratory of electron microscopy, Institute of Parasitology

	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	(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:

Audra started working on the project analysing the 3D reconstruction of protist cells. And then ended up mostly analysing the interaction between *D. japonicum* and its symbionts.

During the course of the project, Audra learned how to process the sample for the SBF-SEM, how to collect the data, how to process the images and how to visualize and analyze the results.

She managed to overcome the struggles of the pandemic that broke out during her studies so apart from the very beginning, everything was done remotely so she is well prepared for the digital future. As a matter of fact, she is also the first student who survived till the defense which I am fully responsible for.

Audra was working reliably and independently. There was always steady progress and clear communication, which is unfortunately not always the case. Audra was able to think critically and independently about the results was able to interpret them and was not just blindly following commands. She was able to work very well with the literature, finding the relevant papers on her own and adapting them to her work and her thesis.

Conclusion:

In conclusion, it was a pleasure to work with Audra and I recommend her thesis for the defense.

In České Budějovice date 19.9.2023

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signature