



Přírodovědecká
fakulta
Faculty
of Science

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

STATEMENT OF THE BACHELOR THESIS SUPERVISOR

Name of the student: Dominik Baumann

Study program: Biological Chemistry

Department/Institute:

Thesis title: Specimen preparation for Serial-Block Face Scanning Electron Microscopy and Contrast Evaluation by Transmission Electron Microscopy

Supervisor: RNDr. Marie Vancová, Ph.D.

Supervisor's affiliation: Faculty of Science, University of South Bohemia in České Budějovice; Institute of Parasitology, Biology Centre of the CAS

	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

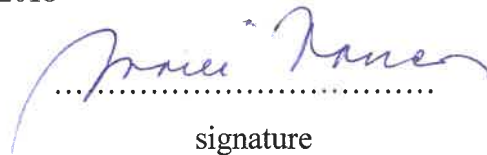
¹ Mark as: 0-unsatisfactory, 1-satisfactory, 2-average, 3-excellent.

Comments of the supervisor on the student and the thesis:

Dominik learned the basic specimen preparation techniques for SBF-SEM and TEM, including preparation of glass knives, sectioning of semi-thin sections and demanding procedure of trimming and mounting of epoxy blocks on SBF stubs. He mastered basic TEM, SEM operation skills. Under supervision of Tomáš Bílý, he evaluated TEM image contrast of ultrathin sections using different approaches. He worked systematically, consulted his project regularly; he was initiative in solving the goals of the thesis. The clarity and fluency of writing is excellent, his ability to evaluate and interpret results is also very good. He used very well all recommended sources of information.

Conclusion: In conclusion, I r e c o m m e n d.

In **České Budějovice** date **18. 6. 2018**


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signature

² Enter the number of points awarded.