



Přírodovědecká
fakulta
Faculty
of Science

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

STATEMENT OF THE BACHELOR/DIPLOMA* THESIS SUPERVISOR

Name of the student: Johannes Grahammer

Study program: Biological Chemistry

Department/Institute:

Thesis title: Preparation of Specimens for Transmission Electron Microscopy using Freeze Substitution and Agitation

Supervisor: 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	2
Ability to work with literature	0-3	2
Language and stylistics	0-3	2
Formal requirements – points in total		6
(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	2
Discussion quality – interpretation of results and their discussion with the literature	0-3	1
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		12

* Choose one

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

Comments of the supervisor on the student and the thesis:

The main topic of the bachelor thesis of Johannes Grahammer was to compare different specimen preparation protocols for TEM based on high pressure freezing and freeze substitution. Johannes successfully mastered these techniques as well as thin sectioning and immuno-labeling procedure. He is extremely skillful, worked in laboratory independently and actively. He mastered very well also basic TEM operation skills. The clarity and fluency of writing, the ability to analyze and discuss obtained data and other presentation aspects were average.

In conclusion, I recommend.

In **České Budějovice** date **18.06.2018**

A handwritten signature in blue ink, appearing to read "Marie Páncová", is written over a horizontal dotted line. The signature is fluid and cursive.

signature

² Enter the number of points awarded.