



SUPERVISOR'S STATEMENT ON BACHELOR/DIPLOMA * THESIS

Name of the student: Magdalena V. Baranyi

Study program: Biological Chemistry

Department/Institute: Faculty of Science, University of South Bohemia
Institute of Parasitology, Biology Centre, Laboratory of Electron
Microscopy

Thesis title: Hafnium Chloride, an Alternative Staining Reagent for Biological Electron
Microscopy

Supervisor: Marie Vancová, Ph.D.

Supervisor's affiliation: Faculty of Science, University of South Bohemia,
Institute of Parasitology, Biology Centre, Laboratory of Electron
Microscopy

	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	1
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	2
Experimental difficulty of the thesis, independence in experimental work	0-3	2

* Choose one

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

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

POINTS IN TOTAL (MAX/AWARDED)	24/18	(0-24)²
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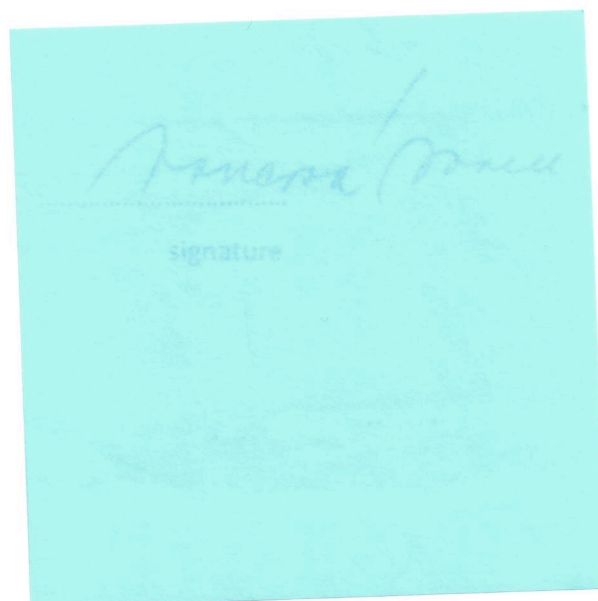
Comments of the supervisor on the student and the thesis:

The main topic of the bachelor thesis of Magdalena V. Baranyi was to compare the staining pattern and preservation of ultrastructure of tissue prepared by two different en-bloc staining protocols for transmission electron microscopy. Magdalena successfully mastered these techniques as well as cutting of semi-thin sections and method of contrasting of ultrathin sections. She worked in the laboratory independently, can operate with the TEM, and acquired basic knowledge of sub-cellular ultrastructure. The clarity and fluency of writing, the ability to analyze and discuss obtained data were average.

Conclusion:

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

In **České Budějovice** date **26.1.2021**



² Enter the number of points awarded.