

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: Bc. Martin Strnad, BSc.
Study programme: Biological Chemistry
Department/Institute: Institute of Chemistry and Biochemistry, University of South Bohemia
Thesis title: Localization of Lyme disease spirochetes *Borrelia burgdorferi* in ticks
Ixodes ricinus

Supervisor: RNDr. Marie Vancová, Ph.D
Supervisor's affiliation: Institute of Parasitology, Biology Centre, ASCR

	Point scale ¹	Points
(1) FORMAL REQUIREMENTS		
Formal and graphical quality of the thesis	0-3	2
Ability to work with literature	0-3	3
Language and stylistics	0-3	3
Ability to understand the results, their interpretation, and clarity of the results, discussion, and conclusions	0-3	3
Formal requirements – points in total		11
(2) PRACTICAL REQUIREMENTS		
Fulfillment of the aims	0-3	3
Discussion quality – interpretation of results and their discussion with the literature	0-3	3
Logic in the course of the experimental work	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 possibility to publish the results (after eventual supplementary experiments)	0-3	3
Practical requirements – points in total		15
POINTS IN TOTAL (MAX/AWARDED)	27	26

Suggestions and questions, to which the student has to answer during the defense:

* Choose one

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

Suggestions and questions, to which the student has to answer during the defense:

How could technically demanding technique such as correlative light electron microscopy contribute to the study of transmission of *B. burgdorferi* more than commonly used PCR/quantitative real-time PCR.

What is the advantage of using *B. burgdorferi* transformed with the vector containing dsRED and how it will change the technique of correlative light electron microscopy?

Eventual mistakes, which the students should avoid in the future:

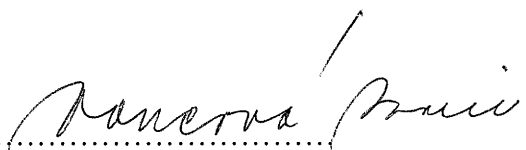
Typos (e.g. Faculty); combination of different fonts (Calibri vs. New Time Roma and different font styles (regular vs. italic) in citations, pages 5, 9, 10 etc.

Eventual additional comments of the supervisor on the student and the thesis:

Conclusion:

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

In České Budějovice date 26.05.2013

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signature