



Přírodovědecká fakulta  
Faculty of Science

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

## STATEMENT OF THE BACHELOR/DIPLOMA 1\* THESIS SUPERVISOR

**Name of the student:** Sophie E. Honeder  
**Study program:** Biological Chemistry  
**Department/Institute:** Institute of Parasitology  
**Thesis title:** Construction and use of GFP and DsRed expressing vectors and transformation in *Borrelia afzelii*

**Supervisor:** Ryan O. M. Rego Ph.D.  
**Supervisor's affiliation:** Institute of Parasitology, BC ASCR and Faculty of Science, University of South Bohemia

	Point scale <sup>2</sup>	Points
<b>(1) FORMAL REQUIREMENTS</b>		
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
<b>(2) PRACTICAL REQUIREMENTS</b>		
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	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		14

**POINTS IN TOTAL (MAX/AWARDED)**

**24**

**23**

\* Choose one

<sup>2</sup> Mark as: 0-unsatisfactory, 1-satisfactory, 2-average, 3-excellent.

**Comments of the supervisor on the student and the thesis:**

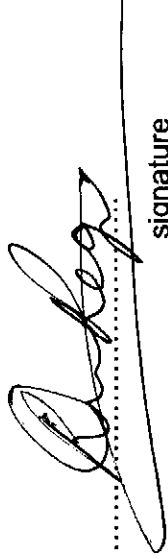
Sophie Honeder joined the lab at the beginning of October 2015. Sophie applied herself well to the project and was fairly competent in handling basic molecular biology techniques in the lab. Sophie also had success in obtaining a GAJU grant in the lab. The success that she has had with her project reflects the time and effort that she put in the lab. She was able to analyse her results and try and resolve any problems that came in the way of progress with her project. This work has opened up various avenues in terms of working with the European species of Borrelia. The results to be described here have formed the backbone of a successful GACR application, they will be presented at a tick and tick borne pathogen meeting in Vienna in September of this year and ~~is~~ currently being written as part of a manuscript. Overall I have seen Sophie grow into a mature, responsible member within the lab during her time there and clearly has the potential to have repeated success within the scientific community as she continues to move forward.

**Conclusion:**

**In conclusion, I**

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for the defense .**

In Ceske Budejovice date 8/6/2017



signature