



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:** Stepan Demchyshyn

**Study program:** B.Sc. Biological Chemistry

**Department/Institute:** Laboratory of Molecular Ecology of Vectors and Pathogens, Institute of Parasitology, BC ASCR

**Thesis title:** Further Delineation of *Borrelia burgdorferi* Restriction-Modification system and understanding antibiotic resistance in *Borrelia afzelii*

**Supervisor:** Ryan O. M. Rego Ph.D.

**Supervisor's affiliation:** Laboratory of Molecular Ecology of Vectors and Pathogens, Institute of Parasitology, BC ASCR, Ceske Budejovice, Czech Republic

	Point scale <sup>1</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	2
<b>Formal requirements - points in total</b>		<b>8</b>
<b>(2) PRACTICAL REQUIREMENTS</b>		
Fulfillment of the aims	0-3	2
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
Logic in the plan 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 the possibility to publish the results (after eventual supplementary experiments)	0-3	2
<b>Practical requirements - points in total</b>		<b>15</b>
<b>POINTS IN TOTAL (MAX/AWARDED)</b>	<b>27</b>	<b>23</b>

\* Choose one

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

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

Stepan joined the lab at a time when I had just started to adapt initial genetic techniques that had never been used for Borrelial genospecies of European origin. Everything done during that time was being carried out for the first time and with most teething problems when do something new, this process was initially slow. I have to say that Stepan was analytical when looking at data that he obtained and was always looking at asking a question outside of the box. Given the amount of time that a student from his programme can spend on their project, I believe Stepan has got more than a few molecular biology methods under his belt and has helped the lab to move forward with the work that he has carried out. He has very good command of the English language and good written skills. Overall he has been an excellent member during his time in the lab and I wish him luck in his future endeavors.

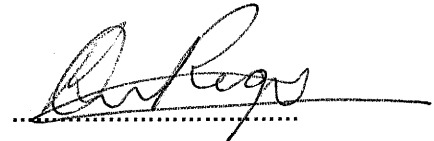
**Conclusion:**

In conclusion, I

**r e c o m m e n d / ~~do not recommend~~\*** .

In **České Budějovice**

date **18.1.2016**

A handwritten signature in black ink, appearing to read 'A. P. P.', written over a horizontal dotted line.

signature