



Přírodovědecká
fakulta
Faculty
of Science

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

SUPERVISOR'S STATEMENT ON BACHELOR/DIPLOMA^{*} THESIS

Name of the student: Beatrice Hurbean

Study program: Biological Chemistry

Department/Institute: Laboratory of Molecular Ecology of Vectors & Pathogens, Institute of Parasitology BC CAS

Thesis title: Acquisition dynamics of *Borrelia duttonii* by *Ornithodoros moubata* over time

Supervisor: Ryan O. M. Rego

Supervisor's affiliation: Laboratory of Molecular Ecology of Vectors & Pathogens, Institute of Parasitology BC 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	1
Formal requirements – points in total		5
(2) PRACTICAL REQUIREMENTS		
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	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		11
POINTS IN TOTAL (MAX/AWARDED)	24	16

^{*} Choose one

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

Comments of the supervisor on the student and the thesis:

Beatrice joined the lab and worked on a project which is very important as part of the future directions of the lab. My discussions with Beatrice when discussing lab experiments or results was a two-way process, clearly showing that she did try to analyze various aspects, associated with her work and which I appreciated from a Bachelor's student. She was very capable of working with ticks and helping me when it came to work with mice. Most importantly she worked and got the Giemsa protocol to work well such that we could distinguish *Borrelia* in blood smears and one of the results that I truly appreciate from her Bachelor's work. Beatrice was hardworking and very focused and planned her lab experiments well. I believe that she could have obtained even more conclusive results if COVID restriction had not reduced her time in the lab, she lost about 4 months of lab work. She was fully committed to her aims and I can see her being successful if she were to continue to pursue science.

Conclusion:

In conclusion, I

recommend / ~~do not recommend~~*

the thesis for the defense.

In Ceske Budejovice date 20/1/2022

A handwritten signature in blue ink, appearing to be 'D. Rep', with a long horizontal line extending to the right.

signature