



UNIVERSITY OF SOUTH BOHEMIA
IN ČESKÉ BUDĚJOVICE

Faculty of Science



STATEMENT OF THE BACHELOR/DIPLOMA * THESIS SUPERVISOR

Name of the student: Helena Mondeková

Study programme: Biological Chemistry

Department/Institute: Department of Chemistry and Biochemistry

Thesis title: 'Analysis of the Lipoprotein Domain from the Hemelipoprotein of the tick
Dermacentor marginatus'

Supervisor:

Supervisor's affiliation:

	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	3
Ability to understand the results, their interpretation, and clarity of the results, discussion, and conclusions	0-3	3
Formal requirements – points in total		12
(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	27

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.

Eventual mistakes, which have to be corrected: none

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

Ms. Helena Mondeková has joined cross-border study field of Biological Chemistry with a double bachelor degree since 2009. In 2010 while in here at the USB Faculty of Science in České Budějovice, Helene decided to join our laboratory and to work out her bachelor thesis on a topic of a Lipoprotein Domain from the Hemelipoprotein of the tick *Dermacentor marginatus*. I appreciate very much an effort of Dr. Ján Štěrba, my former graduate student who had take care about Helena with regard to laboratory, biochemical, molecular biology and chemical techniques since very beginning of her work till having the bachelor thesis written. Helena (always hearing on a nickname Helča☺) belongs to those students they feel appropriate responsibility, and they are highly gifted for demanding studies, and with such students is always just the great pleasure to be working. And this is a case of Helča. At very beginning she got rather demanding goal/objectives for her bachelor project which always meant to struggle with technical and methodological problems with getting pure HLGP from tick hemolymph, its two structural subunits, and afterwards to identify properly a binding domain for lipids, carbohydrates or metals. The last and most demanding part of the bachelor thesis was to clone the binding domain as well to over-express and purify the recombinant form and to prove it binding activity if possible. Working extremely hard Helča achieved some important results which might be useful for further continuation of the work on this topic, however, she has gained such tremendously important experience in experimental work in biochemistry and molecular biology which she might be able to utilize in her further study and career. I do believe that Helča will take advantage of being such giften for research in life science, and will continue her courage/effort having put in adventure of experimental research work.

Hereby, I am pleased to state that Ms. Helena Mondeková has submitted a bachelor thesis of very high quality level, elaborated in an excellent way, and even though she did not get an activity of the respective binding domain proven she deserves the highest evaluation provided she defends the thesis successfully.

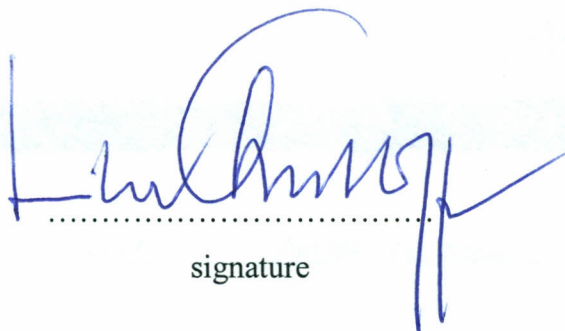
Conclusion:

In conclusion, I

r e c o m m e n d

the thesis for the defense and I suggest the grade 1 .

In České Budějovice date: January 24/2013



signature