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: Marie Jakešová
Study programme: Biological Chemistry
Department/Institute: Department of Molecular Biology (KMB), Faculty of Science
Thesis title: Role of Csf1 during preimplantation mouse development

Supervisor: Alexander W. Bruce Ph.D.
Supervisor`s affiliation: University of South Bohemia, Faculty of Science, KMB

	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
Formal requirements – points in total		9
(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	3
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
Practical requirements – points in total		16
POINTS IN TOTAL (MAX/AWARDED)	**27**	**25**

* Choose one
[1] Mark as: 0-unsatisfactory, 1-satisfactory, 2-average, 3-excellent.

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

I do not believe that Marie could have done any better in her thesis. She was an incredibly diligent and hard working student and I would be extremely happy to welcome her to perform her Masters thesis in lab.

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

Preimplanation mouse embryo research is an incredibly delicate and technically demanding area of research. The ease and speed with which Marie was able to successfully adapt to perform the experiments presented in her thesis was very impressive. Whilst the original strategy of chemically inhibiting the Csf1 receptor did not ultimately proove as useful as anticpated in eleucidating the role of embryo derived Csf1, it is to Marie's testament that she was not disheartend and was able to adopt to an RNAi based strategy; a strategy that thanks to the follow-on work of her successor student in the lab is yielding interesting results. Marie is by far and above the most capable Bachelors student I have ever supervised and I wish her only the best in her future studies and research career.

Conclusion:

In conclusion, I

r e c o m m e n d / ~~d o n o t r e c o m m e n d~~*

the thesis for the defense and I suggest the grade: 1 (ONE), Excellent .

In **České Budějovice,** date **26th May 2014**

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signature