



Přirodovědecká  
fakulta  
Faculty  
of Science

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

## STATEMENT OF THE BACHELOR THESIS SUPERVISOR

**Name of the student:** Hedvika Primasová

**Study programme:** Biological Chemistry

**Department/Institute:** Institute of Chemistry and Biochemistry

**Thesis title:** The use of artificial opsonization for cancer treatment

**Supervisor:** RNDr. Jan Ženka, CSc.

**Supervisor's affiliation:** Department of Medical Biology, Faculty of Science, University of South Bohemia, Branišovská 31, 37005 České Budějovice, 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	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
<b>(2) PRACTICAL REQUIREMENTS</b>		
Fulfillment of the aims	0-3	2
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	2
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		13
<b>POINTS IN TOTAL (MAX/AWARDED)</b>	<b>27</b>	<b>25</b>

**Suggestions and questions, to which the student has to answer during the defense:**  
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<sup>1</sup> Mark as: 0-unsatisfactory, 1-satisfactory, 2-average, 3-excellent.

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

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

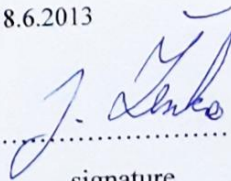
Hedvika had to split time and energy between Linz and České Budějovice and between two bachelor thesis. As she is very hardworking, she was able to answer main questions of this project. She found that IgG molecules anchored covalently to tumor cells surface can in co-operation with TLR stimulation start immunological response leading to significant reduction of tumor growth. Her thesis correspond well with our results in the area of cancer immunotherapy based on stimulation of innate immunity.

**Conclusion:**

**In conclusion, I r e c o m m e n d the thesis for the defense  
and I suggest the grade excellent.**

In České Budějovice

date: 18.6.2013

  
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signature