



Přírodovědecká
fakulta
Faculty
of Science

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

OPPONENT'S REVIEW ON BACHELOR/DIPLOMA* THESIS

Name of the student: **Julia Gobl**

Thesis title: **Isolation and molecular characterization of the histone methyltransferase DOT1L from the soft tick *Ornithodoros moubata***

Supervisor: **Alejandro Cabezas Cruz**

Referee: **Lourdes Mateos Hernandez**

Referee's affiliation: **Sanidad y Biotecnología (SaBio), Research group. Instituto de Investigación en Recursos Cinegéticos (IREC), CSIC-UCLM-JCCM.**

	Point scale ¹	Points
(1) FORMAL REQUIREMENTS		
Extent of the thesis (for bachelor theses min. 18 pages, for masters theses min. 25 pages), balanced length of the thesis parts (recommended length of the theoretical part is max. 1/3 of the total length), logical structure of the thesis	0-3	2
Quality of the theoretical part (review) (number and relevancy of the references, recency of the references)	0-3	3
Accuracy in citing of the references (presence of uncited sources, uniform style of the references, use of correct journal titles and abbreviations)	0-3	3
Graphic layout of the text and of the figures/tables	0-3	3
Quality of the annotation	0-3	3
Language and stylistics, complying with the valid terminology	0-3	3

* Choose one

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

Accuracy and completeness of figures/tables legends (clarity without reading the rest of the text, explanation of the symbols and labeling, indication of the units)	0-3	3
Formal requirements – points in total		20

(2) PRACTICAL REQUIREMENTS

Clarity and fulfillment of the aims	0-3	3
Ability to understand the results, their interpretation, and clarity of the results, discussion, and conclusions	0-3	2
Discussion quality – interpretation of the results and their discussion with the literature (absence of discussion with the literature is not acceptable)	0-3	2
Logic in the course of the experimental work	0-3	2
Completeness of the description of the used techniques	0-3	2
Experimental difficulty of the thesis, independence in experimental work	0-3	3
Quality of experimental data presentation	0-3	2
The use of up-to-date techniques	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	2
Practical requirements – points in total		21

POINTS IN TOTAL (MAX/AWARDED)	48	41
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Comments of the reviewer on the student and the thesis:

This thesis is a great work of initiation to scientific study.

However, it could be improved. In the introduction the importance of artificial feeding and sexual differentiation of the tick may have been added. The same way that an explanation of epigenetics was included

The material and methods could have been more summarized by explaining the essential and important of each technique, without so many details

Suggestions and questions, to which the student has to answer during the defense. Mistakes, which the students should avoid in the future:

It would have been excellent to add the involvement of soft tick DOT1L in tick-borne diseases, in the discussion

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 .² 2(very good)

In **Ciudad Real** date **30/08/2018**



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signature

² You can suggest a grade, which can be modified during the defense based on the presentation. However, if the reviewer is not present at the defense, the grade will not be counted. Grades: excellent (1). Very good (2), Good (3), Unsatisfactory/failed (4).