



Přírodovědecká
fakulta
Faculty
of Science

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

SUPERVISOR'S STATEMENT ON BACHELOR THESIS

Name of the student: Anirudhan Ravi
Study program: Biological Chemistry
Department/Institute: Department of chemistry
Thesis title: Mass spectrometry in structural proteomics: study of viral protein complexes
Supervisor: Filip Dyčka
Supervisor's affiliation: Faculty of Science, University of South Bohemia

	Point scale ¹	Points
(1) FORMAL REQUIREMENTS		
Formal and graphical quality of the thesis	0-3	3
Ability to work with literature	0-3	2
Language and stylistics	0-3	2
Formal requirements - points in total		7
(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	2
Experimental difficulty of the thesis, independence in experimental work	0-3	2
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		10
POINTS IN TOTAL (MAX/AWARDED)	24	17

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

Comments of the supervisor on the student and the thesis:

The thesis devotes to structural study of σ NS protein using MS methods. Student Anirudhan Ravi used HDX and cross-linking MS techniques to reveal RNA-protein interactions. In addition to experimental work, the main part of thesis was focused on time-consuming data processing. Anirudhan Ravi improved his ability to work in laboratory. Although, I would expect more self-reliance in processing and interpretation of data. Related to this, writing of thesis and discussion of results were student's weaknesses. But I believe Anirudhan Ravi improved his ability to understand the results and his writing skill. I recommend the thesis for the defense.

Conclusion:

In conclusion, I r e c o m m e n d the thesis for the defense.

In České Budějovice date 4. 1. 2022


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signature