

**CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE**

Department pharmacology and toxicology

Study program: Pharmacy

Opinion of the Thesis Tutor/Consultant about the Diploma Thesis

Year of assignment: 2022/2023

Year of the defense: 2023

Student: **David Brychta**
Thesis Tutor: Eduard Jirkovský, PharmD, PhD
Consultant: Nika M. Lovšin, M. Chem, PhD
Opponent: Rona Karahoda PharmD, PhD
Thesis title: **Analysis of the molecular pathways and interactome of FUBP3**

Scope of work, number of: 72 pages, 20 figures, 8 tables, 86 citations

Evaluation of experimental work:

- | | |
|---|-----------|
| a) Evaluation of methodological procedures: | Excellent |
| b) Skill in the laboratory or in obtaining experimental data: | Excellent |
| c) Independence: | Excellent |
| d) Initiative: | Excellent |
| e) Diligence and conscientiousness: | Excellent |

Evaluating the processing of results and writing up the thesis:

- | | |
|---|-----------|
| a) Processing of results (diligence and independence): | Excellent |
| b) Interpretation and discussion of results: | Excellent |
| c) Literary research: | Excellent |
| d) Text processing (stylistic level): | Excellent |
| e) Formal level of the work (text structure, graphic design): | Excellent |

I recommend the thesis for recognition as a rigorous thesis

Verbal evaluation, distinctive features of the author, and the thesis:

David Brychta elaborated the thesis during the Erasmus+ internship under the supervision of Dr. Nika M. Lovšin from the Faculty of Pharmacy, University of Ljubljana. The formal consultant's report is attached and the author's thesis is rated "excellent" in all aspects and his diligence and independence in his work is highlighted. My work as a supervisor was very simple and consisted in finalizing the text of the thesis. David Brychta very willingly, quickly and conscientiously incorporated all my comments and I also rate his work as very excellent. He showed a great deal of expertise, language skills and ability to work with the literature.

Therefore, I evaluate the thesis of the author David Brychta as excellent, recommend it for defence and also recommend it for recognition as a rigorous thesis.

Evaluation of the thesis: Excellent

For the defense: Recommend

In Hradec Králové

27. května 2023

signature of the opponent

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Thesis Tutor: PharmDr. Eduard Jirkovský, Ph.D.

Consultant: Assist. Prof. Nika M. Lovšin, M. Chem., PhD

Opponent: PharmDr. Rona Karahoda, Ph.D.

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- e) Formal level of the work (text structure, graphic design): Excellent

I recommend the thesis for recognition as a rigorous thesis

Verbal evaluation, distinctive features of the author, and the thesis:

David Brychta enrolled for the research project at the Department of Clinical Biochemistry, where he investigated the role of the FUBP3 protein. He acquired the ability to conduct experiments with mammalian cell cultures independently. David is a quick learner and performed very well in the lab. Not only did he work well in the lab, but he also researched the literature and critically evaluated his work and the results. He is an exceptionally dedicated, independent and intelligent student and I am very pleased with his performance. He has exceptional writing skills and has written his Master's thesis independently, which has exceeded my expectations.

Evaluation of the thesis: Excellent

For the defense: Recommend

In Ljubljana

26. května 2023

signature of the opponent