

CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE
Department Biological and Medical Sciences

Study program: Pharmacy

Opinion of the Thesis Tutor/Consultant about the Diploma Thesis

Year of assignment: 2022

Year of the defense: 2024

Student: **Sepideh Moeini**

Thesis Tutor: prof. PharmDr. Petr Nachtigal, Ph.D.

Consultant:

Opponent: PharmDr. Jana U. Rathouská, Ph.D.

Thesis title: **Pharmacological modulation of endoglin expression in the liver in an animal model of nonalcoholic steatohepatitis**

Scope of work, number of: 80 pages, 16 figures, 8 tables, 81 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:

Sepideh Moeini quickly learned the basic molecular methods we performed in our lab and joined our in vivo experiments. She was primarily focused on Western blot analysis. She worked independently in the lab and generated good results. She was also independent while writing the thesis, with only minor corrections from supervisor. She nicely demonstrated the results of her thesis and wrote adequate discussion. I really appreciate the very nice thesis, which is recommended for defense.

Evaluation of the thesis: Excellent

**For the Recommend
defense:**

In Hradec Kralove

29. května 2024

signature of the tutor