

CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE
Department: of biological and medical sciences
Master's degree program in Pharmacy
Opponent's review of Master's thesis

Student's name: Navid Sharif

Mentor of the thesis: PharmDr. Jana Rathouská, Ph.D.

Year of the thesis
defense: 2022

Opponent of the thesis: RNDr. Ivana Němečková, Ph.D.

Title of the thesis:
**Write or insert Carotuximab effects on inflammation during liver fibrosis
development**

Formal comments: number of pages: 68, number of figures: 10, number of tables: 8, number of references: 87.

Type of work: Experimental work

- a) The aim of the thesis is: Fulfilled
- b) Language and graphic level: Excellent
- c) Processing of the theory: Excellent
- d) Methods description: Excellent
- e) Results description: Excellent
- f) Discussion and conclusions: Excellent

I recommend Diploma thesis for the recognition as Rigorous thesis .

Opponent's comments: I have only two comments to the forming of the thesis: 1) the figures and tables should be cited in the text, but most of them are not.
2) there are missing key words in the abstract.

Questions: 1) On page 11 stays information about circulating macrophages. Can the macrophages circulate in the bloodstream?
2) Page 13 - liver is composed of 2 lobes. How many lobes liver contains and what are the names of the lobes?
3) Page 13 - organs located in the abdominal cavity: the thyroid gland, the lungs, the pancreas, and the liver. What is the correct anatomical location of the thyroid gland and the lungs?
4) According the TRC105 is endoglin antibody, did you try to detect any changes in endoglin levels in the liver in your experiment?

Evaluation of Master's thesis: Excellent

Recommendations for the thesis defense: Recommended

In Hradec Kralove 26.5.2022

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Opponent's signature