

CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE
Department of Biophysics and Physical Chemistry

Study program: Pharmacy

Opinion of the Thesis Tutor/Consultant about the Diploma Thesis

Year of assignment: 2022/2023

Year of the defense: 2023/2024

Student: **Nikta Mehdizadeh**

Thesis Tutor: Mgr. Pavel Bárta, Ph.D.

Consultant:

Opponent: RNDr. Jana Maixnerová, Ph.D.

Thesis title: **In vitro study of ¹⁶¹Tb-labelled human monoclonal antibody ramucirumab**

Scope of work, number of: 56 pages, 13 figures, 4 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: | Very good |
| e) Diligence and conscientiousness: | Excellent |

Evaluating the processing of results and writing up the thesis:

- | | |
|---|-----------|
| a) Processing of results (diligence and independence): | Very good |
| b) Interpretation and discussion of results: | Very good |
| 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:

Student Nikta Mehdizadeh has always had a responsible approach when working at our laboratory. She was actively and responsibly involved in the elaboration of experimental tasks involving both the preparation of the radiopharmaceutical and its subsequent testing on cell lines. When writing her diploma thesis, she showed complete independence in theory preparation, where I made only a small corrections in the prepared text. She processed the theoretical part in a beautiful way and clearly prepared the discussion of the obtained results. The preparation of materials and methods and results part required my small assistance, but otherwise were well-managed by the student. Overall, I appreciate the student's work as beneficial for our scientific group.

Evaluation of the thesis: Excellent

**For the Recommend
defense:**

In Hradec Králové

12. září 2024

signature of the opponent