



CHARLES UNIVERSITY  
Faculty of Pharmacy  
in Hradec Králové

## Report on part of state final examination Defence of master's thesis

Academic year: 2023/2024

**Student's name and surname:** Nikta Mehdizadeh  
**Student's ID:** 43314282

**Type of the study programme:** Master's  
**Study programme:** Pharmacy  
**Branch of study:** Pharmacy  
**Study ID:** 602772

**Title of the thesis:** In vitro study of <sup>161</sup>Tb-labelled human monoclonal antibody ramucirumab

**Thesis department:** Department of Biophysics and Physical Chemistry (16-16110)

**Language of the thesis:** English

**Language of defence:** English

**Advisor:** Mgr. Pavel Bárta, Ph.D.

**Reviewer(s):** RNDr. Jana Maixnerová, Ph.D.

**Date of defence:** 17.09.2024    **Venue of defence:** Hradec Králové

**Attempt:** regular

**Course of the examination:** The diploma student defended her diploma thesis at the department of biophysics and physical chemistry. During the defense, she demonstrated that she has extensive knowledge in the field of her work. She answered the opponent's questions calmly, with clarity and correctly.  
The following questions were answered:

1. What is the half life of terbium? What was the source of terbium? (Dr. Hruška)
2. Are terbium decay product safe? (Dr. Hruška)
2. What type of HPLC column for analyses you used? (doc. Sokolová)
3. Did you compare value IC<sub>50</sub> with other studies? (doc. Duintjer Tebbens)

The submitted diploma thesis corresponds to the fully required criteria in terms of processing and presentation of results, and therefore the committee evaluates this thesis and its defence with a classification grade EXCELLENT.

<b>Result of defence:</b>	excellent (1)	
<b>Chair of the board:</b>	Duintjer Tebbens Erik Jurjen, doc. Dipl.-Math., Ph.D.	.....
<b>Committee members:</b>	Bárta Pavel, Mgr., Ph.D.	.....
	Kuchařová Monika, Mgr., Ph.D.	.....
	Sokolová Romana, doc. RNDr., Ph.D.	.....