

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

Department of Biochemical Sciences

Study program: Pharmacy

**Opinion of the Thesis Tutor/Consultant about the Diploma Thesis**

Year of assignment: 2021

Year of the defense: 2023

Student: **Andro Haddad**  
Thesis Tutor: Prof. Ing. Vladimír Wsól, Ph.D.  
Consultant: M.Sc. Anselm Morell, Ph.D.  
Opponent: RNDr. Miloslav Macháček, Ph.D.  
Thesis title: **Isocitrate dehydrogenase 2 inhibitor enasidenib synergizes daunorubicin cytotoxicity by targeting aldo-keto reductase 1C3.**

Scope of work, number of: 60 pages, 23 figures, 2 tables, 48 citations

**Evaluation of experimental work:**

- |   |           |
|---|-----------|
| a) Evaluation of methodological procedures:                   | Excellent |
| b) Skill in the laboratory or in obtaining experimental data: | Excellent |
| c) Independence:  | Very good |
| 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:                  | 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 Andro Haddad actively participated in the experimental work at the beginning of the 4th year of study. He quickly learned and mastered the basic techniques and methodologies necessary for solving this type of Diploma Thesis. Andro Haddad could work independently in the laboratory within a very short time. He was conscientious and skilled in the experiments. He could evaluate the obtained results from himself and critically evaluate them in the context of already published data. His work at the department was very beneficial for the working group.

**Evaluation of the thesis: Excellent**

**For the Recommend  
defense:**

In Hradec Králové

31. května 2023

signature of the opponent