

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

Department Biochemical Sciences

Study program: Pharmacy

Opinion of the Thesis Tutor/Consultant about the Diploma Thesis

Year of assignment: 2021

Year of the defense: 2024

Student: **Melodie Haddad**

Thesis Tutor: Prof. Ing. Vladimír Wsól, Ph.D.

Consultant: Dr. Anselm Morell García, Ph.D.

Opponent: PharmDr. Miloslav Macháček, Ph.D.

Thesis title: **THE POTENTIAL OF ALDO-KETO REDUCTASE 1C3 INHIBITION AS AN OFF-TARGET EFFECT OF ISOCITRATE DEHYDROGENASE 2 INHIBITOR ENASIDENIB IN LEUKEMIA**

Scope of work, number of: 77 pages, 19 figures, 2 tables, 98 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 Melodie Haddad actively participated in the experimental work at the beginning of the 4th year of study. She quickly learned and mastered the basic techniques and methodologies necessary for solving this type of Diploma Thesis. Melodie Haddad could work independently in the laboratory within a very short time. She was conscientious and skilled in the experiments. She could evaluate the obtained results and critically evaluate them in the context of already published data. Her work at the department was very beneficial for the working group.

Evaluation of the thesis: Excellent

**For the Recommend
defense:**

In Hradec Králové

3. června 2024

signature of the opponent