

CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE

Department: Pharmacology and Toxicology

Master's degree program in Pharmacy

Mentor's evaluation of Master's thesis

Student's name: Maria Olenic

Thesis mentor's name: Prof. PharmDr. Petr Pávek, PhD

Year of the thesis defense: 2017

Title of the thesis:

**Development of CRISPR-Cas9 based technology for genetic modification of
Lactococcus lactis subsp. Cremoris**

The topic of the thesis was chosen by student

Working with literature excellent.

Language skills excellent.

Student invention very good.

The student was working independently.

Problems and issues were solved independently.

Working in the lab was excellent.

Interpretation of the results correct with no corrections.

Processing of the thesis was correct with no corrections.

Graphical processing of the thesis excellent.

I recommend Diploma thesis for the recognition as Rigorous thesis .

Mentor's comments both on the thesis and the student's approach:

This diploma thesis has been performed under supervision of supervisor Assoc. Prof. Aleš Berlec at the biotechnology department of the Jožef Stefan Institute, Ljubljana in frame of ERASMUS+ program.

Therefore I can only evaluate final preparation of the Diploma thesis.

Evaluation of Master's thesis: excellent

Recommendations for the thesis defense: recommended

In Hradec Kralove 5. září 2017

.....
Mentor's signature