

CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE
Department: Department of Pharmaceutical Technology

Master's degree program in Pharmacy
Mentor's evaluation of Master's thesis

Student's name: Omar Mahrous Farid Bataalla

Thesis mentor's name: PharmDr. Andrej Kováčik, Ph.D.

Year of the thesis defense: 2020

Title of the thesis:
Effect of Glucosyl Sphingosine on the stratum corneum Permeability

The topic of the thesis was chosen from the list of topic in the department

Working with literature very good.

Language skills very good.

Student invention excellent.

The student was working independently with mentor help.

Problems and issues were solved independently with mentor help.

Working in the lab was excellent.

Interpretation of the results correct with small corrections.

Processing of the thesis was correct with mentor corrections.

Graphical processing of the thesis very good.

I recommend Diploma thesis for the recognition as Rigorous thesis .

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

Omar started to perform the experiments with glucosyl sphingosine in october 2018.

The topic he had to learn from scratch and he has been talented in becoming familiar with the challenging methods and work with biological material as well. However, he needed some help from me (during the collecting data and preparing the manuscript).

The interesting results that Omar obtained and described in his thesis are a part of huge study dealing with the role of ceramide metabolites in human skin and the data will be

used for the publication in scientific journal. I consider his work at the department to be very beneficial.

Evaluation of Master's thesis: very good

Recommendations for the thesis defense: recommended

In Hradec Kralove 22. 5. 2020

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Mentor's signature