



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: Omran Zamani Gerashi
Student's ID: 70843280

Type of the study programme: Master's
Study programme: Pharmacy
Branch of study: Pharmacy
Study ID: 545887

Title of the thesis: Factors affecting the microstructure and permeability of lipid model membranes

Thesis department: Department of Pharmaceutical Technology (16-16210)

Language of the thesis: English

Language of defence: English

Advisor: Dr. Georgios Paraskevopoulos, Ph.D.

Reviewer(s): doc. PharmDr. Andrej Kováčik, Ph.D.

Date of defence: 10.09.2024 **Venue of defence:** Hradec Králové

Attempt: regular

Course of the examination: The student presented to the members of the diploma thesis defense committee the topic of his diploma thesis, together with the experimental details and the achieved results. The evaluations from the supervisor (Dr. Paraskevopoulos) and the opponent (doc. Kováčik) were read after the presentation. Omran answered all the opponent's questions in a well-founded manner. Then, in a general discussion, Omran answered questions and comments from members of the committee and other teachers present:

-doc. Šklubalová
What is the role of cholesterol in the lipidic matrix?
Is it possible to incorporate cholesterol in some dosage form? What is its role in this dosage form?

-dr. Svačinová
The differences observed in the permeation were not statistical significant. Is this relative with the aim of the study?

In conclusion, the committee stated that the student had answered the questions and comments sufficiently and defended the diploma thesis with excellent evaluation.
The committee suggested that the thesis should be recognized as a rigorous thesis.

Result of defence: excellent (1)

Chair of the board: Šklubalová Zdeňka, doc. PharmDr., Ph.D.

Committee members: Svačinová Petra, PharmDr., Ph.D.

Paraskevopoulos Georgios, Dr., Ph.D.