

**Zápis o části státní závěrečné zkoušky**  
**Obhajoba závěrečné práce**

Akademický rok: 2019/2020

**Jméno a příjmení studenta:** Omar Mahrous Farid Bataalla  
**Rok narození:** 1998  
**Identifikační číslo studenta:** 91144355

**Typ studijního programu:** magisterský  
**Studijní program:** Farmacie  
**Studijní obor:** Farmacie  
**Identifikační čísla studia:** 484717

**Název práce:** Effect of glucosyl sphingosine on the stratum corneum permeability  
**Pracoviště práce:** Department of Pharmaceutical Technology (16-16210)  
**Jazyk práce:** angličtina  
**Jazyk obhajoby:** English  
**Vedoucí:** PharmDr. Andrej Kováčik, Ph.D.  
**Oponent(i):** PharmDr. Petra Svačinová, Ph.D.

**Datum obhajoby:** 01.06.2020      **Místo obhajoby:** Hradec Králové

**Průběh obhajoby:** Student Omar Bataalla introduced his thesis and presented the aim, methods and results of the work that he did during his stay in scientific laboratory. Finally, he discussed and concluded the obtained results. The review reports have been afterwards read (supervisor: Dr. Kováčik and opponent/reviewer: Dr. Svačinová). Omar Bataalla answered all the questions of opponent/reviewer. In general discussion, the student answered following questions:  
1. What was the problem (3 repetitions) with the samples during the permeation experiment? (assoc. prof. Šklubalová)  
2. Why the temperature of 24-26°C during TEWL measuring was used? (assoc. prof. Šklubalová)  
3. How many patient donors (skin tissue) were used for the permeation experiment? (Dr. Vraníková)  
4. What was the difference in the PG-based mixture between the sample preparation and permeation experiment? (Dr. Paraskevopoulos)

In conclusion, the committee pronounced that the answers of the students were satisfactory and the student Omar Bataalla defended his thesis successfully with the mark "very good".

**Výsledek obhajoby:** very good (2)

**Předseda komise:** doc. PharmDr. Zdeňka Šklubalová, Ph.D. ....

**Členové komise:** PharmDr. Ondřej Holas, Ph.D. ....

PharmDr. Andrej Kováčik, Ph.D. ....

PharmDr. Barbora Vraníková, Ph.D. ....