



**CHARLES UNIVERSITY**  
**Faculty of Pharmacy**  
**in Hradec Králové**

## **Report on defence of dissertation thesis**

Academic year: 2021/2022

**Student's name and surname:** Abdullah Al Mamun, M.Sc.  
**Student's ID:** 66455068

**Type of the study programme:** doctoral  
**Study programme:** Pharmacognosy and Nutraceuticals  
**Branch of study:** Pharmacognosy and Nutraceuticals  
**Study ID:** 562675

**Title of the thesis:** Amaryllidaceae alkaloids of genus Narcissus and their biological activity.  
**Thesis department:** Department of Pharmaceutical Botany (16-16130)  
**Language of the thesis:** English  
**Language of defence:** English  
**Supervisor:** prof. Ing. Lucie Cahlíková, Ph.D.  
**Reviewer(s):** prof. PharmDr. Pavel Mučaji, Ph.D.  
prof. Ing. Miroslav Strnad, CSc., DSc.

**Date of defence:** 22.04.2022      **Venue of defence:** Hradec Králové  
**Attempt:** regular

**Course of defence:** The defense, which took place in a hybrid form, some members of the commission were present and the remaining members were available through the TEAMS application, was started by the authorized chairwoman of the commission Assoc.Prof. Lenka Tůmová, Ph.D. The defense took place in English. The chairwoman welcomed the present as well as on-line connected members of the commission, opponents and others guests present and acquainted them with the plan (course) of the defense. Prof. Lucie Cahlíková, Ph.D. (supervisor) introduced the MSc. Abdullah Al Mamun and presented the student's evaluation in terms of doctoral studies. MSc. Al Mamun subsequently presented the results of his doctoral thesis to the members of the council and guests; his performance was calm and convincing; he clearly and intelligibly explained the results and convincingly declared the predictions based on his experimental work. The evaluation of both opponents was positive. Prof. Pavel Mučaji, Ph.D. expressed a favorable opinion on the results, appreciated the original scientific outputs and the perspective of the topic. The second reviewer prof. Miroslav Strnad, CSc. was not present, his evaluation was read by the chairwoman of the commission. His review report was also positive, he highlighted achieved results. Both opponents appreciated the originality of the results with their contribution to the topic at the training workplace. The doctoral student responded to the opponents' questions factually and convincingly, and both opponents had no additional questions or remarks. During the open discussion, the doctoral student answered the following question: assoc. Prof. Chlebek: Why you decided to test galanthamine-derivatives for their antimycobacterial activity?

Where there any literature data for their potential activity? In a closed session, the commission assessed the course of the defense and positively evaluated the scientific results of the doctoral student; a total of 7 accepted works in IF journals, of which 2 works were published as a first-author. The doctoral student participated in 4 domestic conferences. The Commission decided on the result by voting. Of the 9 members present, 9 were in favor.

<b>Result of defence:</b>	pass (P)	
<b>Chair of the board:</b>	doc. PharmDr. Lenka Tůmová, CSc.	.....
<b>Committee members:</b>	prof. Ing. Lucie Cahlíková, Ph.D.	.....
	prof. PharmDr. Pavel Mučaji, Ph.D.	.....
	prof. RNDr. Lubomír Opletal, CSc.	.....
	prof. PharmDr. Petr Pávek, Ph.D.	.....
	prof. RNDr. Dalibor Šatínský, Ph.D.	.....
	prof. PharmDr. Karel Šmejkal, Ph.D.	.....
	doc. PharmDr. Jakub Chlebek, Ph.D.	.....
	doc. PharmDr. Renata Kubínová, Ph.D.	.....