



UNIVERZITA KARLOVA
Farmaceutická fakulta
v Hradci Králové

Zápis o obhajobě disertační práce

Akademický rok: 2022/2023

Jméno a příjmení studenta:	Viriyana Wijaya
Identifikační číslo studenta:	41354547
Typ studijního programu:	doktorský
Studijní program:	Pharmacognosy and Nutraceuticals
ID studia:	602143
Název práce:	Alkaloids of <i>Dicranostigma franchetianum</i> (Prain) Fedde and their selected biological activity
Pracoviště práce:	Department of Pharmacognosy and Pharmaceutical Botany (16-16230)
Jazyk práce:	angličtina
Jazyk obhajoby:	English
Školitel:	prof. RNDr. Lubomír Opletal, CSc.
Oponent(i):	prof. PharmDr. Karel Šmejkal, Ph.D. doc. Ing. Pavel Klouček, Ph.D.
Datum obhajoby:	27.09.2023
Termín:	Místo obhajoby: Hradec Králové řádný
Průběh obhajoby:	The defense, which took place in a hybrid form, in which 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, Prof. Ing. Lucie Čahlíková, 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 other guests, and acquainted them with the plan (course) of the defense. Prof. RNDr. Lubomír Opletal, CSc. (supervisor), introduced the MSc. Viriyana Wijaya and presented the student's evaluation in terms of doctoral studies. MSc. Viriyana Wijaya 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. Assoc. Prof. Pavel Klouček, Ph.D., expressed a favorable opinion on the results and appreciated the original scientific outputs and the perspective of the topic. The second reviewer, Prof. PharmDr. Karel Šmejkal, Ph.D., was not present; his evaluation was read by the chairwoman of the commission. His review report was also positive, although some shortcomings of the submitted dissertation were mentioned. 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. During the open discussion, the doctoral student answered several questions.

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 2 accepted articles in IF journals (containing results from the doctoral study; previously, 3 additional articles had been published), of which 1 manuscript was published as a first-author. The doctoral student participated in three domestic and one international conference. The commission decided on the result by voting. Of the 8 members present, 8 were in favor.

Questions in open discussion:

Dr. Hradiská Breiterová (guest): Did you also test the cytotoxicity of isolated isoquinoline alkaloids?

Assoc. Prof. Chlebek: What is the principle of HPLC determination of the cholinesterase inhibition activity of natural products?

Dr. Šafratová (guest): Do you think that there is potential to isolate new, undescribed compounds from the rest of your fractions?

Výsledek obhajoby:	prospěl/a (P)	
Předseda komise:	prof. Ing. Lucie Cahlíková, Ph.D.
Členové komise:	doc. PharmDr. Jakub Chlebek, Ph.D.
	doc. PharmDr. Daniel Jun, Ph.D.
	doc. PharmDr. Renata Kubínová, Ph.D.
	prof. RNDr. Lubomír Opletal, CSc.
	doc. PharmDr. Tomáš Siatka, CSc.
	prof. RNDr. Dalibor Šatínský, Ph.D.
	doc. PharmDr. Lenka Tůmová, CSc.