



UNIVERZITA KARLOVA
Farmaceutická fakulta
v Hradci Králové

Supervisor doctoral student assessment

Candidate: Jaka Fadraersada, MSc.

Supervisor: Prof. Přemysl Mladěnka, PharmD., Ph.D.

Consultant: Alejandro Carazo, PharmD., Ph.D.

Jaka Fadraersada graduated from the University of Airlangga, Indonesia in 2013. From 2014 he has been working at the University of Mulawarman, Indonesia as a lecturer. In 2018, he contacted me with his interest to start a PhD study in our group. Very uncommonly, he sent me directly the experimental plan of his doctoral studies. Although it was not possible to follow his plan, this was a very positive initiative and we decided with Dr. Carazo to accept him for a doctoral study in the field of pharmacology and toxicology. He joined our group in January 2019 as his arrival to the Czech Republic was largely delayed due to necessary solution of all administrative steps needed for non-EU students.

He was very interested in our research and had learnt relatively rapidly all research methodologies necessary for his research tasks. Although his cultural background is very different, he is a sociable and friendly person and fitted well in our research team.

He applied as the first author and later as a co-author for GAUK grant, but his applications were not successful notwithstanding positive comments of the reviewers. During his study, he was actively involved in the resolution of two Czech Health Research Council grants of our research group. The data presented in his dissertation thesis are almost completely direct consequence of his role in these projects. The data he produced led to the publication of a total of 7 papers. He is currently the author of 9 peer-reviewer papers which were already cited 45 times. Two additional papers (one where he is the first author) have been submitted to scientific journals and are currently under review.

In addition, M.Sc. Fadraersada successfully passed all planned exams. After initial failure he also passed the state exam from Pharmacology. He also spent a three-month stage at the University of Yeditepe in

Istanbul, Turkey (supervisor: Prof. Gulderen Yanikkaya Demirel), which served to widen his laboratory experience in molecular biology.

He also attended a total of 2 scientific international conferences (Czech Society for Analytical Cytometry /CSAC/ in Ostrava and European Society for Clinical Cell Analysis /ESCCA/ in Utrecht, the Netherlands), both with poster presentations. He also presented his results three times as oral lectures in the local Postgradual Conference at the Faculty of Pharmacy, Charles University. He participated in the supervision of the work of several diploma and rigorous thesis students.

His studies were affected by the COVID-19 pandemic, reason why he had to slightly extend his study period at our faculty.

As a conclusion, Jaka Fadraersada, MSc., fulfilled all necessary duties to be able to successfully finish his doctoral studies. His work is scientifically important and helped to elucidate the physiological background of coagulation processes in different types of patients. I recommend his dissertation thesis for the defense and after a successful defense for awarding the title Ph.D.

In Hradec Králové, October 18th, 2024

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Prof. Přemysl Mladěnka, Pharm.D., Ph.D.