



CHARLES UNIVERSITY

Faculty of Pharmacy in Hradec Králové

Supervisor's doctoral student assessment

Candidate: Mgr. Dimitrios Vagiannis

Supervisor: Assoc. Prof. Jakub Hofman, Ph.D.

Mgr. Dimitrios Vagiannis has begun PhD studies in 2017 shortly after defending his diploma thesis under the supervision of Assoc. Prof. Hofman. At the initial part of PhD studies, he was supervised by Prof. František Štaud, Ph.D. and Assoc. Prof. Hofman was his supervisor-consultant. From March 2020, Assoc. Prof. Hofman became a supervisor. During his PhD studies, Mgr. Vagiannis passed all four partial exams as well as the state doctoral exam. In the first year, he applied for a GAUK project (1568218), which was accepted for funding and solved within the term of 2018 – 2020. He also participated in the solving of several other grants, namely standard GAČR (16-26849S), junior GAČR (20-20414Y), GAUK (334120), and Primus 20/MED/010.

During PhD studies, Mgr. Vagiannis focused on the topic of pharmacokinetic resistance in anticancer therapy and the possibility of its modulation. He was able to quickly learn several pharmacological and molecular-biological methods and use them for the solving of several subprojects. He showed huge enthusiasm and excellent working effort with emphasis on the finishing of given goals. By the time, I was glad to see his growth as a scientist, he became self-dependent and proved excellent managing abilities. Besides, he also demonstrated educational qualities; he introduced several new PhD students and was a supervisor-consultant of 2 diploma students. He also participated in the lecturing of practical courses within the subject Pharmacokinetics. Therewithal, I appreciate knowing him as an excellent team player as well as a kind and honest person, which I was every time glad to communicate with. To the end of the studies, he established the protocol for the isolation of primary cultures from lung tumors and thus substantially helped develop new clinical collaboration and increase the competitiveness of our working group. He planned to visit Princess Margaret Cancer Centre, Toronto, Canada for 6 months to learn the technique of preparation of 3D-structured organoid mice xenografts, but his research internship was unfortunately abandoned by COVID-19 pandemic.

The scientific qualities of Mgr. Vagiannis are reflected by his publication record. Until now, he is the first author or co-author of 5 publications with a cumulative IF of 22.361. In addition, he is listed in another 5 manuscripts, which are either being finalized or are under review in impacted journals. Beside producing papers, he actively participated in 8 conferences in the form of posters or oral presentations.

Taken together, I evaluate Mgr. Dimitrios Vagiannis as an excellent PhD student, who definitely deserves obtaining PhD title. He participated in several scientific subprojects, introduced and applied a clinical model and became a key team member during the establishment of the Research Group of Cancer Pharmacology. Apart from his working qualities, I (and not only me) will remember him as an open-hearted person with a high level of social intelligence and empathy.

In Hradec Králové, 23rd of June 2021

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Assoc. Prof. Jakub Hofman, Ph.D.