

Report of the Supervisor: doc. MUDr. Michael Michal, PhD.

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Evaluation of the doctoral student: Antonina Kalmykova

Antonina Kalmykova, M.D. obtained a degree in general medicine at Zaporizhzhia State Medical University in Ukraine where she graduated in 2015 and in 2016 obtained her master's degree in medicine at the same University. After that she started an internship at the Department of Pathology at the Zaporozhye State Medical University. From 2016 she started to work at a private CSD Healthcare laboratory in Kyiv which is the largest Pathology laboratory in Ukraine and in 2024 she moved to Pathology laboratory EPL also located in Kyiv. Her areas of interest include dermatopathology and soft tissue pathology.

Dr. Kalmykova started the combined form of doctoral program in Pathology in October 2019 but due to the COVID-19 pandemic and the full-scale Russian invasion of Ukraine had her study period prolonged. As a result, she has passed all required courses and examinations and finalized her dissertation under my supervision in 5 academic years.

During this time, Dr. Kalmykova participated on 7 studies with impact factor which were published in the most respected journals in the field of pathology of which 2 she completed as the first author. She also had one scientific abstract where she was the leading author accepted to the prestigious USCAP Annual Meeting in 2020 in Los Angeles. During this time, she has also participated on multiple other scientific papers and conferences which were not part of the PhD study, but which increased her expertise.

I believe the above-mentioned achievements fulfill the university requirements for doctoral candidates. Her dissertation titled "THE DIAGNOSTICS OF RARE SOFT TISSUE AND SKIN TUMORS USING THE HISTOLOGICAL, IMMUNOHISTOCHEMICAL, AND MOLECULAR BIOLOGICAL METHODS" which is conceived as a commentary to all her publications finished during her PhD study demonstrates a high level of expertise in the field and has an adequate scientific quality.

Therefore, I endorse her dissertation for defense and recommend Dr. Antonina Kalmykova for obtaining the doctoral degree.

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