

The statement of the head of board of doctoral study program Pharmacognosy for the defence of doctoral thesis of student Lenka Molčanová

Student Lenka Molčanová studied in the doctoral study program within the field of DSP Pharmacognosy (Masaryk University) and submitted a dissertation on the topic of "Prenylated phenolic compounds – isolation, structural analysis, and biological activity". Lenka Molčanová joined the DSP after completing the master's degree program in Pharmacy (UVMP in Košice) in 2017. In 2022, she submitted her dissertation for assessment. I was the supervisor of her thesis.

Student Lenka Molčanová passed all the selected exams within the study, obtained the recommended number of credits for progression to individual years, the total number of achieved credits 579. During the study she dealt with testing biological activity, she was working in my research group on isolation and identification of plant secondary metabolites from natural sources, with a focus on prenylated flavonoids. Besides this, she was also active in group of Dr. Tremel, preparing the part of thesis focused on bioactivity of isolated compounds.

Her pedagogical activities include teaching practical exercises in Pharmacognosy I and II, Phytochemistry, and Toxicology of Natural Compounds. She further cooperated with other DSP and MSP students in bioactivity assays and isolation and identification of plant compounds. As part of her education, she defended the rigorous work "Isolation of active constituents from *Paulownia tomentosa* Steud. fruit" in 2019 (UVPS Brno). She was supervisor of four diploma thesis, and reviewer of several diploma thesis.

Student Lenka Molčanová presented her work at domestic and foreign conferences. As part of her scientific work, she published 4 works as an author or co-author in respected impacted journals.

She was the main investigator of grant of Internal Grant Agency (IGA) of UVPS Brno 2019, and co-investigator of MUNI/C/0032/2021, and contributed to work of team solving the project GAČR 16-07193S and GF21-38204L, and MUNI/A/1688/2020.

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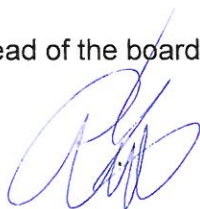
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In my opinion, the student Lenka Molčanová met all the criteria necessary for submitting the dissertation. She can be valuable member of each biomolecular or phytochemical laboratory. She is hardworking, cooperative, and friendly. After evaluating all the presented facts, I therefore issue a positive opinion on the defence of her dissertation.

Date: 11.9.2022

Name of head of the board: prof. PharmDr. Karel Šmejkal, Ph.D.

Signature:

A handwritten signature in blue ink, appearing to be 'K. Šmejkal', written over a faint circular stamp.