



FACULTY OF SCIENCE
Charles University

Report on defence of dissertation thesis

Academic year: 2023/2024

Student's name and surname: Mahmoud Khaleel Mohammad Shoman, M.Sc.
Student's ID: 92064036

Type of the study programme: doctoral
Study programme: Molecular and Cellular Biology, Genetics and Virology
Study ID: 683127

Title of the thesis: Regulation of mycobacterial transcription by selected sRNAs and proteins
Thesis department: Department of Genetics and Microbiology (1400)
Language of the thesis: English
Language of defence: English
Supervisor: Mgr. Jarmila Hnilicová, Ph.D.
Reviewer(s): RNDr. Jan Nešvera, CSc.
prof. Mgr. David Staněk, Ph.D.

Date of defence: 13.09.2024 **Venue of defence:** Praha
Attempt: regular

Course of the examination: At the beginning of the defense, the chair of the committee briefly introduced the student and his scientific and academic career up to this date. The student then talked about the main topic of his doctoral project (regulation of transcription in mycobacteria), his results obtained mostly using a RIP-seq method together with some other methods of molecular biology, questions arising from these experiments and the subsequent experiments used for answering these questions, and, finally, the conclusions he made based on his results. His presentation took approx. 23 min. The supervisor positively assessed student's scientific independence and ability to do both experimental work in the laboratory and write scientific papers. Both reviewers were present at the defense, both positively evaluated the amount of the work presented in the thesis, the quality of results, and the Literary Review part of the thesis, but both also had some comments about the Discussion section of the thesis. They had several questions which the student answered in a satisfactory way. There were some comments as well as questions from the public in the general discussion, which the student also satisfactorily answered. The final part of the defense was the closed session of the committee which unanimously recommended to award the student the Ph.D. degree as well as graduation cum laude.

Result of defence:	pass (P)	
Chair of the board:	Holá Dana, doc. RNDr., Ph.D. (present)
Committee members:	Machová Poláková Kateřina, doc. Mgr., Ph.D. (present)
	Nešvera Jan, RNDr., CSc. (present)
	Pospíšek Martin, RNDr., Ph.D. (present)
	Rössner Pavel, RNDr., Ph.D. (present)