Supervisor assessment

Author of thesis: Bc. Barbora Vrablíková

Title of thesis: Analysis of cancer drug combination using 3D mono- and co-cultures of colorectal cell lines

Type of thesis *: ~~Bachelor~~/Master of Science

	Evaluation criteria	Grades						
		A	**B**	**C**	**D**	**E**	**F**	**non-evaluable**
1	**Interest in the topic (frequency of discussions with the adviser, knowledge of the literature)**	☑						
2	**independence during the thesis writing**	☑						
3	**language and stylistic quality of thesis**		☑					
4	**working activity**	☑						
5	**manual skills, accuracy and reliability**		☑					
6	**self-reliance within the experiments**	☑						
7	**analysis and interpretation of experimental data**	☑						

Note[1]: if impossible to apply, use "non-evaluable"
Note[2]: mark with "X"
Note[3]: final grade is based only on evaluable (A-F) items
*- select "Bachelor" or "Master of Science"

Grade (A-F)	**A**

Please, attach your comments and questions as well as reasons for your evaluation at the next page (pages)

Conclusion: thesis is recommended /~~not recommend to defence~~

Olomouc, May 3rd 2022:

Signature: Mgr. Viswanath Das, PhD

The thesis of Barbora Vrablíková aimed to develop 3D co-cultures of colorectal cancer and non-cancerous cell lines and use the system for drug combination studies. The study used two approaches to measure assay outputs – spheroid size and viability. The expected result of the thesis was the effective integration of the approaches for designing drug combination studies using 3D cell cultures. The thesis meets the goals that are expected out of a master thesis. Being the thesis supervisor, I am familiar with the content and do not have any additional comments on the content of the thesis. The thesis is well written and structured, making it easy to follow. The results are well presented and systematically discussed, including elaboration on issues that could be improved to make the study better. Overall the thesis is interesting with very high practical value, and therefore, I have no reservations in recommending it for defence and awarding it an A.

Questions for the candidate:

1. What contribution does your research make to the laboratory's overall research, i.e., cancer drug discovery?

2. What changes and enhancements would you make to your study if given the opportunity to make it more suited for cancer research?