

PUBLIC LECTURE EVALUATION

Masaryk University

Faculty	Faculty of Medicine
Procedure field	Oncology
Applicant	doc. MUDr. Mgr. Marek Mráz, Ph.D.
Lecture date	14. 4. 2023
Lecture topic	Non-coding RNAs in the biology of mature B cell leukemias and lymphomas
Persons present (number)	46
Designated evaluators (board members)	prof. MUDr. Jaroslav Štěrba, Ph.D. prof. MUDr. Vít Procházka, Ph.D. prof. Francesco Forconi, MD PhD prof. MUDr. Pavel Klener, Ph.D. prof. MUDr. Tomáš Stopka, Ph.D.

Assoc. Prof. Marek Mraz presented a lecture titled „Non-coding RNAs in the biology of mature B cell leukemias and lymphomas“ and commented on studies progressively demonstrating the importance of non-coding RNAs (ncRNAs) in the biology of B cell malignancies. He mainly focused on one type of ncRNA, microRNAs, that has received particular attention in the field. He summarized the discovery of microRNAs and presented an overview of their roles in regulating gene expression and how aberrant levels of specific microRNAs (miR-34a, miR-150, miR-29, miR-155, miR-17-92 and others) have been associated with various types of mature B cell leukemias and lymphomas. Other types of ncRNAs, such as long non-coding RNAs (lncRNAs), have also been discussed since they can regulate B cell differentiation or survival and thus affect the onset and progression of B cell malignancies. Assoc. Prof. Mraz summarized his contribution to ncRNA research in the past approx. 15 years (>20 publications) and commented on possible future directions and the potential to use ncRNAs as therapeutic targets.

Conclusion

The lecture delivered by doc. MUDr. Mgr. Marek Mráz, Ph.D., entitled “Non-coding RNAs in the biology of mature B cell leukemias and lymphomas” and delivered as part of the professor appointment procedure, **demonstrated** sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a professor appointment procedure in the field of Oncology.

Date: 14. 4. 2023

prof. MUDr. Jaroslav Štěrba, Ph.D.

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prof. MUDr. Vít Procházka, Ph.D.

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