

Regular Wednesday IMG seminar



Mehak Shaikh

Laboratory of Haematooncology

**“ALDH1A1 inhibition as a therapeutic target
in Acute Myeloid Leukemia”**

Acute Myeloid Leukemia (AML) is a hematological malignancy leading to differentiation arrest of the myeloid compartment in the bone marrow. It is reported that high levels of ALDH1A1 inhibition promote chemoresistance in AML. Therefore, in my project we are studying the role of ALDH1A1 inhibition in AML using AML cell lines, mouse models, and AML patient samples. And lastly, we will show the effect of ALDH1A1 inhibition in combination with standard of care chemotherapeutic drugs as a potential treatment strategy for AML.

The seminar will be held

on Wednesday 17th December 2025 at 15:00

in the Milan Hašek Auditorium at IMG

(Institute of Molecular Genetics of the Czech Academy of Sciences, Vídeňská 1083, Prague 4)
