

## Regular Wednesday IMG seminar



**Olena Sapega**

**Laboratory of Immunological and Tumour Models**

**„Genotoxic stress and senescence in tumor cells:  
impacts on the tumor growth and anti-tumor  
immunity“**

Induced cellular senescence represents a barrier against tumor growth. On the other hand, senescent cells can contribute to the protumorigenic environment and accelerate the tumor growth. This seminar is focused mainly on the cell type-specific impacts of distinct cellular stress and senescence inducers (chemotherapeutic agents or cytokines), further on pro-tumorigenic effects of senescent cells and, finally, on STAT3 signaling pathway and its potential pharmacological inhibition in cancer treatment.

**The seminar will be held  
on Wednesday 13<sup>th</sup> October 2021 at 15:00  
in the Milan Hašek Auditorium**

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

All participants (except the speakers) must have their mouths and noses covered by respirators.  
All participants must be able to document (on request) their COVID-19 infection-free status.

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