

Regular Wednesday IMG seminar



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Laboratory of Immunological and Tumour Models

“STAT3 Signaling Pathway as a Potential Therapeutic Target”

Aberrant STAT3 signaling in tumor cells is a frequent event associated with cancer progression, as well as with other pathologies. Targeting STAT3 that results in inhibition of STAT3 phosphorylation represents an attractive strategy for the development of novel anti-tumor drugs. We designed, synthesized and evaluated a panel of novel compounds derived from the existing inhibitors. Further, we described differences between proliferating and senescent tumor cells in terms of their susceptibility to STAT3 inhibitors, and we demonstrated the ability of the new STAT3 inhibitor to affect the secretion of essential components of the senescence-associated secretory phenotype.

The seminar will be held

on Wednesday 24th May 2023 at 15:00

in the Milan Hašek Auditorium at IMG

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