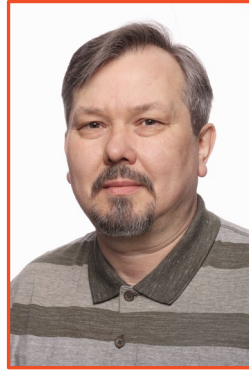


Regular Wednesday IMG seminar



Vadym Sulimenko, Ph.D.

Laboratory of Biology of Cytoskeleton

“GIT adaptor proteins in regulation of microtubule nucleation”

Activation of mast cells leads to significant changes in cell morphology, translocation of granules to the plasma membrane, and exocytosis of inflammatory mediators. Reorganization of highly dynamic microtubules and microfilaments is essential for these processes. γ -Tubulin ring complexes (γ -TuRCs) are essential components for microtubule organization. We found that GIT-family proteins exist in complexes with γ -TuRC proteins and regulate microtubule organization as well as cell morphology, degranulation, and chemotaxis in activated mast cells.

The seminar will be held

on Wednesday 31st 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)
