

We invite you to the seminar of



Martina Huranová, Ph.D.

Laboratory of Adaptive Immunity

“Primary Cilia in Health and Disease”

Do you wonder how our brain controls food intake and how it happens that our heart is on left side? Did you know that almost each cell in our body has a small membraneous sensory organelle – cilium? Cilia are exposed to the extracellular mileau and enable the intra- and inter-cellular communication within tissues. Even, the photoreceptors in our eyes are cells with weird comb-like cilia! We also need cilia to move the egg and sperm to reproduce! In our team, we investigate the physiological roles of cilia and etiopathological mechanisms associated with the ciliopathies, pleiotropic syndromes caused by cilia dysfunction. We study the cilia dynamics and turnover of the ciliary receptors involved in the developmental signaling pathways and strive to identify potential therapeutic avenues for the treatment of these disorders.

Dr. Huranová is a candidate for the position
of a research group head at IMG.

The seminar will be held

on Tuesday 9th April 2024 at 10:00

in the Milan Hašek Auditorium at IMG

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