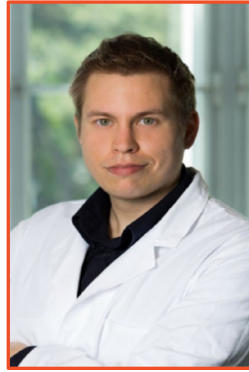

We invite you to the seminar of



Jan Pěňčík, Ph.D.

Salk Institute for Biological Studies

“Mechanisms regulating interferon signaling in cancer, metabolism, and immunotherapy: From *in vivo* to clinical implications”

The body's first line of antiviral and anti-cancer defense are interferons (IFNs). IFNs activate Janus kinase (JAK)/signal transducer and activator of transcription (STAT) pathway which is transducing signals from a variety of hormones and cytokines. IFNs have emerged as central coordinators of tumor intrinsic and tumor-immune system interactions. During the past years dysregulated IFNs and JAK-STAT signaling have been implicated in cancer progression, metabolism, and cancer immunotherapy.

I will discuss an integration of functional and mechanistic targeting of JAK/STAT pathway in metastatic and cancer immunotherapy mouse models and therapy-resistant cancer patients.

〔 Dr. Pěňčík is a candidate for the position
of a research group head at IMG. 〕

The seminar will be held online at

<https://cesnet.zoom.us/j/92883564207>

on Tuesday 14th May 2024 at 14:00
