

## Regular Wednesday IMG seminar



**Veronika Niederlová**

**Laboratory of Adaptive Immunity**

**“CD8+ T cells in infection: Orchestration of the effector  
and memory fates”**

In infection, naive CD8+ T cells differentiate into short-lived effector cells, which provide immediate protection against the pathogen, and long-lived memory cells, which retain immunological information long after pathogen clearance. Using single-cell multiomics techniques and *in vivo* tracking of individual clonal families, we show which factors drive the effector versus memory cell fate decision.

**The seminar will be held**

**on Wednesday 7<sup>th</sup> January 2026 at 15:00**

**in the Milan Hašek Auditorium at IMG**

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

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