

We would like to invite you to the seminar



Robert Grosse

**Institute of Experimental and Clinical Pharmacology and Toxicology,
University of Freiburg, Germany**

**“An actin nucleoskeleton for nuclear integrity and localised
actin dynamics for transcription”**

The role of actin microfilaments in shaping cells, driving migration, and orchestrating cell division is among the best-established principles of cell biology. Yet beyond this familiar cytoplasmic cytoskeleton lies the emerging and still enigmatic world of nuclear actin, whose functions have only begun to come into focus in recent years. Nuclear actin is now recognized as an important regulator of chromatin organization, transcriptional machinery, and genome function. These discoveries challenge the oversimplified views of actin biology and raise fundamental questions about how dynamic actin structures contribute to nuclear processes.

The seminar will be held

on Friday 19 June 2026 at 10:00

in the Milan Hašek Auditorium at IMG

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