

Invitation

On behalf of the Hamburg Center of Neural and Cognitive Systems (HCNS), we would like to invite you

to the
25th HCNS Lecture

April 13th 2026 | 5.15 pm

UKE, lecture hall N43

We are looking forward to meeting you there!



Funded by:



Prof. Justin Lathia

Cleveland Clinic

“Sex differences in tumor microenvironment interactions reveal novel therapeutic opportunities in glioblastoma ”

Sex-based differences in glioblastoma arise from distinct immune, molecular, and microenvironmental programs that shape tumor progression. Work from the our laboratory has highlighted that myeloid derived suppressor cell subsets drive glioblastoma growth in a sex specific manner, and male T cells are more prone to exhaustion, revealing divergent anti-tumor immune responses between males and females. These findings align with broader evidence that incidence is higher in males, while females often show a survival advantage and unique molecular signatures influencing treatment response. Recent work has revealed sex hormones also sculpt tumor growth by engaging other neural systems as well as driving the interaction between platelets and T cells. Together, this research underscores the need for sex informed therapeutic strategies to improve outcome in glioblastoma.

The HCNS Managing Board

*Prof. Ileana Hanganu-Opatz , Prof. Tim Magnus,
Prof. Andreas K. Engel, Prof. Markus Glatzel, Prof. Frank Steinicke,
Prof. Lars Schwabe, Prof. Anja Riesel, Prof. Sarah Hohmann*