



Speaker Profile

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High-grade glioma with EZHIP overexpression

Presenter: Katerina Vanova
(CZ)



I am pediatric oncologist in training and Ph.D. student at the Department of Pediatric Hematology and Oncology, Second Faculty of Medicine Charles University and Motol University Hospital in Prague. I am lucky enough to be a part of the Prague Brain Tumor Research Group led by Dr. Michal Zapotocky who also serves as the mentor of my Ph.D. project. In this project I focus on the genetic and epigenetic characteristics of pediatric high-grade gliomas, in particular of the rare radiotherapy-induced high-grade gliomas and other new biological subgroups. So far I presented my preliminary data at several international meetings including ISPNO 2021 and SIOP 2021 and also at the national pediatric oncology meeting. I am very grateful for the opportunity to combine the clinical training at the pediatric neurooncology department with the molecular genetic research.

Expert: Stefan Pfister (DE)

Stefan Pfister is a pediatrician and molecular biologist. His research focuses on the molecular basis of malignant brain tumors in children, which can for example be used for methylation-based tumor classification. He develops models of brain tumors and tests new therapeutic possibilities. Through his work he discovered new changes in the genetic markup of these tumors, which can be used as biomarkers to assess disease progress and therapeutic success. The goal is to implement these new discoveries in the clinical context for the benefit of all patients. Since 2016, he acts as the director of the "Preclinical Pediatric Oncology" Hopp Children's Cancer Center Heidelberg. He is also the division head of **pediatric neurooncology as well as the deputy section head at „Zentrum für Individualisierte Pädiatrische Onkologie (ZIPO) und Hirntumore"**.