

Christopher Davidson Forum

Keynote Speakers:



Frank Winkler, MD, PhD

Frank Winkler is a professor of experimental neuro-oncology and also managing senior physician in the Department of Neurology at the University of Heidelberg and the German Cancer Research Center (DKFZ) in Heidelberg, Germany.

Dr. Winkler earned his medical degree at Freiburg University. He completed a research fellowship at the Steele Lab at Harvard University in Boston, Massachusetts. Later, he received his assistant professor degree from Ludwig-Maximilian University, and became full professor (W3) in Heidelberg in 2012.

A member of the German Association of Neurologists, German Association for Clinical Neurophysiology, and the European Organisation for Research and Treatment of Cancer, Dr. Winkler also serves as a reviewer for numerous journals, including Nature, Nature Medicine, Cancer Research, the Journal of the National Cancer Institute, Lancet Neurology, and Journal of Neurology. His work has been published in Nature, Nature Medicine, Science, Neuro-Oncology, Clinical Cancer Research, Neurology, among others.

Dr. Winkler is involved in several phase 2 and 3 studies, and he is the recipient of several research grants. His lab in the German Cancer Research Center (DKFZ) has pioneered novel methods for intravital imaging of brain tumor progression, which was instrumental to discover the membrane tube- connected functional networks of malignant brain tumors (glioblastomas), and their crucial role for tumor progression and therapy resistance.

