

April 26th, 2024, AGORA

FLASH RT & Brain

Lundin Family Brain Tumor
Research Centre



CHUV FLASH RT and Brain Kick-off day

April 26th, 2024

AGORA Building, CHUV

Time	Title	Presenter
14:00-14:05	Welcome	F. Herrera / A. Hottinger
Principles of FLASH Radiotherapy		
14:05-14:35	Overview of FLASH radiotherapy: operating principles and available data	J. Bourhis
14:35-14:45	Ongoing clinical trials with FLASH radiotherapy	L. Schiappacasse
The path towards a FLASH RT clinical trial in the brain		
14:45-14:55	Dose distribution using the VHEE-FLASH machine	T. Boehlen
14:55-15:10	Neurocognitive tests to evaluate brain function	G. Binarelli
15:10-15:10		
15:10-15:45	BREAK	
15:45-15:45		
State of the art FLASH radiotherapy and brain:		
15:45-16:00	Critical parameters for delivering FLASH with pulsed electron beams	V. Grilj
16:00-16:15	Exceptional effectiveness of FLASH against hypoxic GBM tumors	R. Leavitt
16:15-16:30	Overview of pre-clinical data on FLASH effect in the brain: What is missing?	L. Ciraku
16:30-16:45	Normal tissue sparing with FLASH: the example of the small intestines and how we move forward to a clinical trial	A. Valdes
16:45-17:05	FLASH radiotherapy and combination with nanoparticles	D. Reparaz Pernot
17:05-17:25	Animal models of glioblastoma	A Chryplewicz
17:25-17:40	Contours of a clinical trial of FLASH RT in GBM	A Hottinger

Organization: Lundin Family Brain Tumor Research Center, CHUV

Language of the meeting: English

Registration: centrelundin@chuv.ch

Moderators: F. Herrera / L. Schiappacasse / A. F. Hottinger