

# Scientific Program „Brainstorm on Brainstem“ January 9-11<sup>th</sup> 2019

## Wednesday, January 9th 2019

Pre Congress USZ Educational Lectures (without registration)  
University Hospital Zürich NORD1 C

8:30	Extraaxial Anatomy of the Brainstem	Luca Regli
9:00	Intraaxial Anatomy of the Brainstem	Oliver Bozinov
9:30	Vascular structures for the brainstem	Christoph Stippich
10:00	Break	
10:30	Fiber Tracking for the Brainstem	Kollias
11:00	Genoarchiteconic Neuromorphology of the Brainstem	Valavanis

12:00 Begin Registration for Conference

### Start Conference

CAREUM Conference Center (10 min. walking from University hospital)

13:00	<b>Welcome and Opening of the conference</b>	Bozinov, Regli, Valavanis
13:20	Chairman <b>„Brainstorm on Brainstem“</b> Safe Entry Zones Teaching Brainstem Surgery Brain Computer Interfaces Intraoperative Imaging Options	X/X  Sergio Cavalheiro Peter Nakaji Jose del R. Millan Oliver Bozinov
15:00	Break with Coffee and Cake	
15:45	Chairman <b>„Building Centers“</b> Understanding cavernomas Brainstem surgery with limited resources Highly specialized medicine for a country Brainstem Society activities Translational Neuroscience Neuroscience in Neural Networks	X/X  Ulrich Sure Ahmed Farhoud Venko Filipce Markus Kofler Edgar Garcia-Rill Michael Muelly
17:30	<b>Welcome reception / Apéro</b>	
19:00	<b>Foreign Faculty Dinner</b>	

[www.brainstem-conference.com](http://www.brainstem-conference.com)

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## Thursday, January 10th 2019

CAREUM Conference Center

8:00	Room 1	Session „ <b>Masterclass Surgery I</b> “ Chairman Craniotomies for BS approaches	Ye Gong /X Andreas Raabe Nicholas Bambakidis Lars Pouslgaard
		Approaches and positioning Anterior transclival approaches	Lou Meiqing Alessandro Weiss,
8:30	Room 2	Session „ <b>Neuromonitoring</b> “ Chairman Mapping 4th ventrikel Suctionstimulation at brainstem Monitoring of Safe Entry Zones	X/X Johannes Sarnthein Kathleen Seidel Karl Kothbauer
10:00	<b>Coffee Break</b>		
10:45	Room 1	Session „ <b>Masterclass Surgery II</b> “ Chairman Surgical strategies and cases Extra-axial tumors	X/X Eberval Figueiredo Hongwei Cheng Boris Krischek Volodymyr Smolanka
		Approaches to CCJ Extraaxial Lesions	Michaël Bruneau Jan Regelsberger
10:45	Room 2	Session „ <b>Intrinsic tumor lesions</b> “ Chairman Immunology Liquid biopsy in ped. CNS cancers	X/X Kaoru Kurisu Marian Neidert Aliasgar Moiyadi Javad Nazarian
12:15	<b>Lunch Break</b>		
12:45	<b>Sponsor Event NSK Approaches to the Brainstem</b>		Peter Nakaji, Phoenix, USA

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- 13:45 MAIN SESSION (Room 1+2)  
Chairman X/X  
**„Brainstem Cavernoma“**  
Controversy Resection  
Resection early and proactive Amir Dehdashti  
Conservative management preferred Paolo Ferroli  
Late deficits after cavernoma resection Marco Cenzato  
Case discussions with voting Ulrich Sure, Oliver Bozinov  
(+3)
- 15:30 Break Coffee and Cake
- 16:15 MAIN SESSION (Room 1+2)  
**„Brainstem Glioma“**  
Chairmen X/X  
Update on current studies Patrick Roth  
Resection is possible in selected cases Hiroyuki Kinouchi / Lou Meiqing  
Brainstem: A no fly zone for radiosurgery? Michelle Brown  
Targeting the brainstem with proton beam radiation Damien Weber  
New approaches for pediatric DIPG Sabine Müller
- 18:15 **End of the day**
- 19:00 **Conference Dinner at Chalet Zürichberg**

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## Friday, January 11th 2019

CAREUM Conference Center

- 8:30 Room 1 Session „**Stereotaxy and Anatomy**“  
Chairman X/X  
Entry points for the brainstem Shabbar Danish  
Using MA frame in posterior fossa Lennart Stieglitz  
BS treatment in Serbia Vladimir Papic  
Yavor Enchev  
Maximiliano Nunez
- 8:30 Room 2 Session „**Imaging and Radiation**“  
Chairman X/X  
Brainstem AVMs Zsolt Kulzsar  
Sparing the brainstem Damien Weber/PSI  
MRI Linac based radiotherapy: Tool or toy? Nicolaus Andratschke  
Imaging in BS-Hemorrhage
- 10:00 **Coffee Break**
- 10:45 Room 1 Session „**Functional**“  
Chairman X/X  
Prepulse inhibition (key) Markus Koffler  
So called Safe Entry Zones Yang Yang  
HD tractography of human connectome Emrah Celtikci  
Intrinsic properties of PPN neurons Edgar Garcia-Rill
- 10:45 Room 2 Session „**Brainstem implants**“  
Chairman X/X  
ABI after Brexit ;-)  
Shakeel Saeed  
Robert Behr  
National need for ABI Alexander Huber  
Response from both pathways Marek Polak
- 12:15 **Lunch Break**
- 12:45 **Sponsor Event ZEISS** Special Program
- 13:45 MAIN SESSION (Room 1+2)  
„**Promising therapies for the brainstem**“  
Chairman X/X  
TTF for brainstem Anders Korshoj  
LITT for the brainstem Shabbar Danish  
CED study for brainstem gliomas Nicolas Gerber  
Rehabilitation of the brainstem Andreas Luft
- 15:45 **Conclusion of the conference** Oliver Bozinov & Luca Regli
- 16:00 **Conference End**

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