

Speaker

Dr. phil. nat. Maria Luisa D'Angelo, PhD Neurooncology
Group, LBN NSI

Prof. Dr. med. Javier Fandino, Chairman Neurosurgery, KSA,
Aarau

Prof. Dr. phil. nat. Martin Frenz, University of Bern,
Institute of Applied Physics

Dr. phil. nat. Roberto Gardenghi, Head of Area
Optoelectronics and Photonics, Institute for Systems
and Applied Electronics, SUPSI Manno

Dr. med. Francesco Marchi, Capoclinica, Clinica di
Neurochirurgia NSI, ORL

Deborah Piffaretti, Phd Student LBN – NSI, EOC

Prof. Dr. med. Andreas Raabe, Chairman and Head,
Department of Neurosurgery, University Hospital Bern,
Inselspital Bern

Prof. Dr. med. Michael Reinert, Primario, Clinica di
Neurochirurgia NSI, Prof. Titolare di medicina USI Lugano

Univ.-Prof. Prof. h.c. Dr. med. Walter Stummer,
Direktor Klinik für Neurochirurgie, Universitätsklinikum Münster

Dr. Eric Suero Molina, Klinik für Neurochirurgie,
Universitätsklinikum Münster

Dr. Marco Wilzbach, Carl Zeiss Meditech AG, D-Oberkochen

Organisation

Neurosurgery Clinic

Information

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Ente Ospedaliero Cantonale

Neurocentro della Svizzera Italiana

Istituto di Neuroscienze Cliniche della Svizzera Italiana

Mini-Symposium Neurosurgery

5ALA Fluorescence Horizons and Photodynamic Therapy

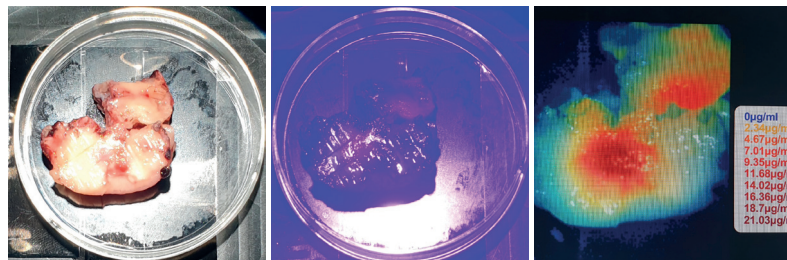
Discussion:

Networking, Interaction and Collaboration

Thursday 8th August 2019

From 09h00 to 13h00

Ospedale Regionale di Lugano, Civico, Biblioteca NSI



Dear Colleagues,

I am pleased to invite you to the Mini-Symposium on new horizons of 5ALA induced surgery and its potential for photodynamic therapy.

An exquisite team of speakers will join this meeting and thus are very welcome here in Lugano.

This Mini-Symposium will possibly open common strategies and lead to solutions for an advanced treatment of our neuro-oncological patients.

Looking forward to seeing you all in Lugano.

Prof Dr. med. Michael Reinert

Program

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|-------|--|
| 09h00 | Welcome and Introduction
Michael Reinert |
| 09h15 | Variability of PpIX in GBM
Francesco Marchi |
| 09h45 | PpIX accumulation and its possible pharmacological influence
Deborah Piffaretti, Maria Luisa D'Angelo |
| 10h15 | A review of current optical technologies for intraoperative guidance in brain tumor surgery
Marco Wilzbach |
| 1035 | Photodynamic therapy the physics behind: possibilities and limitations
Martin Frenz |
| 10h45 | Break |
| 11h00 | Quantification of 5-ALA Fluorescence and Glioma Invasion
Michael Reinert |
| 11h15 | PpIX in low grade glioma
Eric Suero Molina |
| 11h30 | Challenges in Validating Surgical Fluorescence Technologies
Walter Stummer |
| 11h45 | Impact of intraoperative fluorescence in meningioma and brain metastases
Javier Fandino |
| 12h30 | New perspective on quantitative fluorescence tissue spectro-polarimetry based on an advanced technology camera
Roberto Gardenghi |
| 13h00 | Lunch and discussion |

Registration card

Symposium Neurosurgery

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Please complete in block capitals

I wish to register to the Symposium

Titel/Name/Surname:

Institution /Private practice

Address:

Email:

Phone/mobile:

Date and firm:

I attend to the lunch

YES

NO

To be submitted by 02.08.2019
Mail to: neurochirurgia.lugano@eoc.ch