

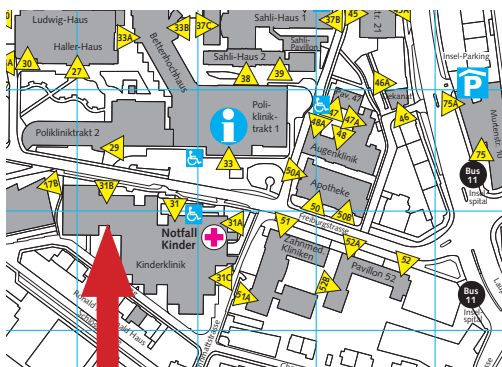
Die Veranstaltung findet im **Auditorium Ettore Rossi, Inselspital Bern** statt.

Das Symposium wird von der **SGAR** mit **3 Credits** als Fortbildung anerkannt.

Bitte melden Sie sich bis **4. September 2019** über unsere Homepage an:
www.anaesthesiologie.insel.ch

Ab dem 9. September können Sie die Vorträge als PDF herunterladen, sofern diese bereits abgegeben wurden. Der Code wird auf der elektronischen Anmeldebestätigung bekannt gegeben.

Situationsplan Inselspital



Vorankündigung

20.11.19 Perioperatives Flüssigkeitsmanagement

Vorankündigung Termine 2020

19.02.20

06.05.20

16.09.20

18.12.20

Die Berner Anästhesie-Symposien werden gesponsert von

abbvie



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80. Berner Anästhesie-Symposium (Un)consciousness, neural networks & cognition Mittwoch, 11. September 2019, 17.00 - 20.00 Uhr



Dear colleagues,

The brain is THE target organ of anesthesia. In this regard, the fact that specific electroencephalographic (EEG) knowledge is not necessary to acquire the FMH in anesthesia is staggering. This is especially so, given that the mechanism of action of anesthetics, of the loss & return of consciousness and its specific related changes in brain activity are now well described and reported in the recent literature. Nonetheless, Switzerland is no exception in this regard; it is an international knowledge gap in anesthesia that is not limited to the anesthesia resident. This is why we have decided to invite distinguished basic and clinical neuroscientists to close some of our knowledge gaps.

Thus, the 80th symposium on anesthesia will be started by **Flavio Fröhlich**, associate professor at the Departments of Psychiatry from the University of North Carolina, as well as an adjunct professor of neurology at the University of Bern. We are pleased to have such a renowned researcher & entertaining speaker to talk about consciousness and anesthesia relevant neural networks. He will explain how and when different brain regions are connected or disconnected during consciousness or unconsciousness.

Simone Sarasso, an assistant professor of human physiology from the University of Milan, will give details on certain EEG signatures which are related to specific drugs. He will further illuminate the technique of transcranial magnetic stimulation and what we as anesthesiologists can learn from it.

Intraoperative EEG has long been regarded as unable to detect signs of pain. We are pleased to have **Rebecca Slater** a professor of Paediatric Neuroscience from the University of Oxford with us to shed some light onto this hot topic and what we might be able to "see" intraoperatively in the future to further individualize patient care.

Elizabeth Whitlock is an Anesthesiologist & assistant professor at the Department of Anesthesia and Perioperative Care at the University of California, San Francisco. Her exciting research centers on understanding cognitive changes over time in the elderly, particularly as it relates to surgery and anesthesia, using population-based data sources. Due to the increasing number of elderly and fragile patients undergoing low to high-risk procedures we are looking forward learning how we might be able to predict their postoperative cognitive course, and what we might be able to do to improve it.

We look forward to welcoming YOU in Bern for the 80th symposium on anesthesia, where we will listen to & discuss neuroscientific topics with an international group of presenters.

PD Dr. med. Heiko Kaiser
Dr. med. Friedrich Lersch

Workshop (max. 20 Personen)

EEG guidance of general anesthesia

14.30 – 16.30 Uhr, Seminarraum D-127

by Dr. med. Friedrich Lersch, Darren Hight, PhD,
PD Dr. med. Heiko Kaiser

Der Workshop wird von der **SGAR** mit **2.5 Credits** als
Fortbildung anerkannt.

Scientific Program

17:00 -17:05	Welcome PD Dr. med. Heiko Kaiser Dr. med. Friedrich Lersch
17:10-17:40	Anesthetizing oscillating neuronal networks Associate Prof. Flavio Fröhlich, PhD
17:45-18:15	Consciousness during unresponsiveness: EEG-signatures related to drugs & TMS Assistant Prof. Simone Sarasso, PhD
18:15 – 18:45	Break / Apéro / Industrial exhibition
18:45-19:15	EEG signatures of pain Prof. Rebecca Slater, PhD
19:20-19:50	Predicting postoperative cognitive change in older adults: How do we get there? Assistant Prof. Elizabeth Whitlock, MD
19:50 – 20:00	Conclusion PD Dr. med. Heiko Kaiser Dr. med. Friedrich Lersch

Referenten

Flavio Fröhlich
Associate Professor
University of North Caroline

Simone Sarasso
Assistant Professor
University of Milan

Rebecca Slater
Professor
University of Oxford

Elizabeth Whitlock
Assistant Professor
University of California

**Eine Veranstaltung der Universitätsklinik für
Anästhesiologie und Schmerztherapie, Inselspital, Bern**
www.anaesthesiologie.insel.ch

Veranstalter

Prof. Dr. med. Frank Stüber
Chefarzt und Direktor

Programmkoordination Berner Anästhesie-Symposien
Prof. Dr. med. Robert Greif, MME, FERC
Leitender Arzt – Bereich Medizinische Lehre

Organisation und Moderation des 80. Berner Anästhesie-Symposiums

PD Dr. med. Heiko Kaiser, Universitätsklinik für Anästhesiologie
Dr. med. Friedrich Lersch, Universitätsklinik für Anästhesiologie

Assistentin Leitung Medizinische Lehre

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