

Clinical Neuroscience Bern

Friday, 9th of September 2022, 9.00 - 17.15

Inselspital, Auditorium Ettore Rossi, Kinderklinik Entrance 31b



Dear Scientists

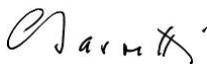
We are very pleased to invite you to the 17th annual meeting of the university network Clinical Neuroscience Bern (CNB). This year's meeting with the overall topic «Precision Medicine in Clinical Neuroscience» will take place on the 9th of September 2022 in the Auditorium Ettore Rossi (Inselspital).

CNB was founded by research groups of the Faculty of Human Sciences and the Faculty of Medicine in 2004 with the goal to foster neuroscientific research in Bern. In 2016 the Vetsuisse Faculty joined the network. Currently, 69 research groups of the three faculties are represented in the network. The research topics of the individual groups include basic research aiming to understand the function of individual neurons, analysis of functional systems but also clinical studies and the development of new technologies.

With the CNB annual meeting we aim to improve information exchanges and promote cooperation with internal and external partners. The congress provides young researchers with the opportunity to present their ideas and research achievements by talks (selected from submitted abstracts), during the poster session, or with a contribution in one of the different symposia. We kindly invite members and non-members to register and to submit abstracts. Scientists from other faculties and universities are also very welcome to attend.

We are pleased that the event will start with a welcome address by Prof. Sebastian Walther, the president of the CNB. The program will also include keynote lectures of Prof. Wolfgang Wick (Universitätsklinikum Heidelberg, Germany) and Prof. Inti Zlobec (Institut für Pathologie, Bern). Later in the afternoon we invite you to join one of the three parallel sessions covering non-invasive brain stimulation, artificial intelligence for brain tumors radiotherapy and Neuro-Vision. The two workshops will cover applied topics of EEG and genetics.

We hope that the program piques your interest and are very much looking forward to welcoming you at the CNB annual meeting 2022.



Prof. Dr. med. Claudio Bassetti, CNB Strategic Board



Prof. Dr. Tobias Nef, CNB Executive Committee



Prof. Dr. med. Roland Wiest, CNB Executive Committee

Program 17th Annual Meeting Clinical Neuroscience Bern

«Precision Medicine in Clinical Neuroscience»
Friday, 9th of September 2022, 9.00 - 17.00
Inselspital, Auditorium Ettore Rossi, Kinderklinik, Entrance 31b

08.00 - 09.00 **Registration and Poster Setup**

09.00 - 09.15 **Welcome address**
Sebastian Walther, CNB President

09.15 - 10.15 **Key-note 1**
Digital Pathology
Inti Zlobec, Institut für Pathologie, Bern
Chair: Tobias Nef

10.15 - 10.45 **Coffee break**

10.45 - 11.45 **Short talks**
4 selected abstracts à 10 minutes
Chair: Benoît Zubler

11.45 - 12.45 **Key-note 2**
Precision neurooncology
Wolfgang Wick, Universitätsklinikum, Heidelberg, Germany
Chair: Roland Wiest

12.45 - 14.45 **Poster Session + Lunch**

14.45 - 15.45 **Parallel symposium I**
Non-invasive Brain Stimulation and Cognition
Chair: Aleksandra Eberhard-Moscicka
Auditorium Ettore Rossi

Parallel symposium II
Neuro-Vision - overlapping topics of Ophthalmology & Neurology
Chairs: Volker Enzmann & Anke Salmen
Kursraum 1

Parallel symposium III
Artificial Intelligence for Brain Tumor Radiotherapy
Chair: Yannick Suter
Kursraum 2

15.45 - 16.15 **Coffee break**

16.00 - 16.15 **Poster awards**
- Clinical Research
- Basic Research Animal
- Basic Research Human
Chairs: Sebastian Walther & Daria Knoch
Auditorium Ettore Rossi

16.15 - 17.00 **Workshop I**
*Resting states in the brain
fMRI & EEG - an introduction*

Thomas König &
Stephanie Lefebvre

Chair: Roland Wiest

Auditorium Ettore Rossi

Workshop II
*Risk predictions in genetics - an
introduction*

Anna Letko

Chairs: Daria Knoch &
Daniela Schweizer

Kursraum 1

17.00 - 17.30 **CNB Group leader's meeting**
on special invitation only
Chairs: Sebastian Walther & Daniela Schweizer

17.30 End of Meeting

General information

CNB Executive Committee

Sebastian Walther, Daniela Schweizer, Daria Knoch, Tobias Nef, Antoine Adamantidis, Thomas König, Roland Wiest, Benoît Zuber

CNB Strategic Board

Claudio Bassetti, Ernst-Joachim Hossner, David Spreng, Britta Engelhardt, Jan Gralla, Stephen Leib, Fred Mast, Thomas Nevian, Andreas Raabe, Werner Strik, Daniel Surbek, Stefan Weber

Poster Award Committee

Antoine Adamantidis, Daria Knoch, Sebastian Walther, Roland Wiest

Registration

Please register on www.conftool.com/cnbam2022 by **August 25th, 2022**.
The participation is free of costs.

Abstracts, posters and talks

Language for abstracts, short talks, posters and symposia is English. The executive committee will decide about acceptance.

Please submit your abstract (free contribution) on www.conftool.com/cnbam2022.
Deadline for abstract submission is **August 19th, 2022**.

When submitting an abstract please choose one of the three research categories which fits best your research topic: Clinical research, basic research animal or basic research human.

All free contributions will automatically be considered for poster presentation. Among all submissions, four outstanding abstracts will further be selected as short talks. Authors will be notified in the end of August 2022.

Duration of talks: 10 min, and 5 min discussion.

The poster format is max A0 portrait (w84cm x h120cm).

Poster prizes will be presented by Sebastian Walther and Daria Knoch. All participants presenting a poster are eligible for it.

Poster prizes

Clinical research CHF 500.-

Basic research animal CHF 500.-

Basic research human CHF 500.-

Credits/Education

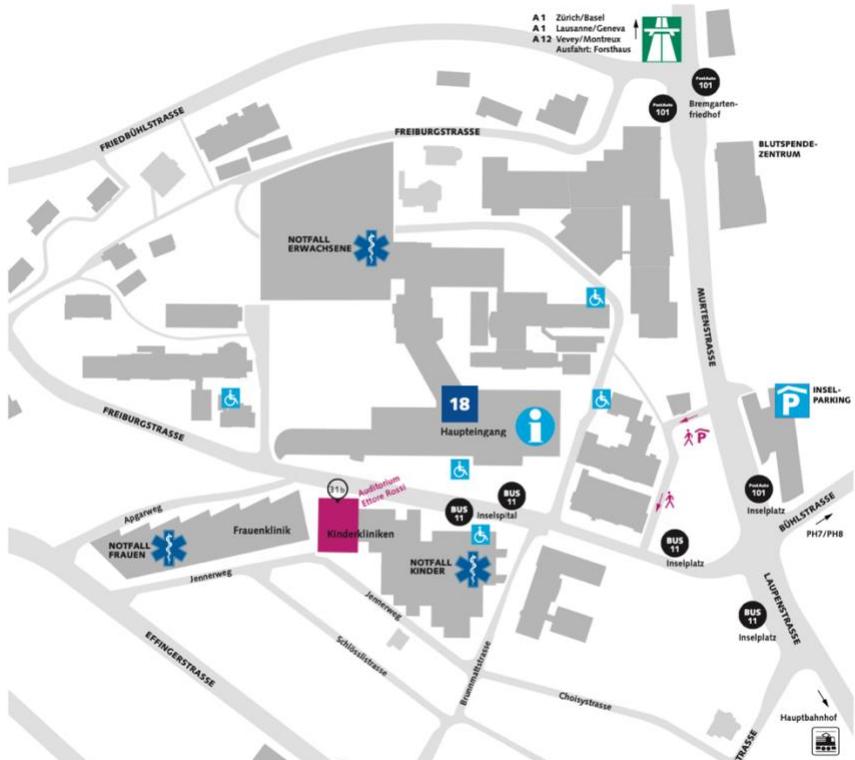
Graduate School for Health Sciences / ECTS: Full day participation as first author of poster presentation or talk will be credited with 1 ECTS-Point for PhD students.

Venue

Inselspital, Auditorium Ettore Rossi, Kinderklinik, Entrance 31b

Directions

By public transportation from Bern main station: Bus No. 11, direction Inselspital-Holligen, station «Inselspital»



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