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UNIVERSITÄT  
BERN

## Clinical Neuroscience Bern

Friday, 8th of September 2023, 9.00 - 16:45

Inselspital, Auditorium Ettore Rossi, Kinderklinik Entrance 31b





# Dear Scientists

We are very pleased to invite you to the 18th annual meeting of the university network Clinical Neuroscience Bern (CNB). This year's meeting with the overall topic « Modulating the Brain » will take place on the 8th of September 2023 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 followed by the keynote lectures of Prof. Daphné Bavelier (University of Geneva) and Prof. Adrian Guggisberg (Inselspital, Bern). Later in the afternoon we invite you to join one of the three parallel sessions «Objective Symptom Monitoring in Neurodegeneration», «Visual Snow Syndrom» or «Antibody-based therapies and biomarkers for inflammatory CNS diseases».

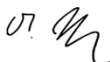
We hope that the program piques your interest and are very much looking forward to welcoming you at the CNB annual meeting 2023.



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



Prof. Dr. Tobias Nef, CNB Executive Committee



Prof. Dr. med. Mirjam Heldner, CNB Executive Committee



Prof. Dr. med. Benoit Zuber, CNB Executive Committee



# Program 18<sup>th</sup> Annual Meeting

## Clinical Neuroscience Bern

«Modulating the Brain»

Friday, 8th of September 2023, 9.00 - 16.45

Inselspital, Auditorium Ettore Rossi, Kinderklinik, Entrance 31b

08.00 - 09.00      **Registration and Poster Setup**

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09.00 - 09.15      **Welcome address**

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09.15 - 10.15      **Key-note 1**  
*Gaming the brain: perspectives on brain plasticity and learning*  
Prof. Daphné Bavelier, Faculty of Psychology and Education Science,  
University of Geneva  
Chair: Benoît Zuber

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10.15 - 10.45      **Coffee break**

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10.45 - 11.45      **Short talks**  
4 selected abstracts à 10 minutes  
Chair: Tobias Nef

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11.45 - 12.45      **Key-note 2**  
*Modulating network interactions*  
Prof. Dr. med. Adrian Guggisberg, Inselspital, Bern  
Chair: Mirjam Heldner

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12.45 - 14.45      **Poster Session + Lunch**

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14.45 - 15.45 **Parallel symposium I**

*Objective Symptom Monitoring in Neurodegeneration*

Chairs: Prof. Dr. med. Paul Krack, Prof. Dr. sc. Tobias Nef

Auditorium Ettore Rossi

**Parallel symposium II**

*Visual Snow Syndrom*

Speakers: Prof. Dr. med. C. Schankin, PD Dr. M. Ertl, A. Klein

Chair: Prof. Dr. med. Christoph Schankin

Kursraum 1

**Parallel symposium III**

*Antibody-based therapies and biomarkers for inflammatory CNS diseases*

Chair: Prof. Dr. Vincent Pernet

Kursraum 2

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15.45 - 16.15 **Coffee break**

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16.00 - 16.15 **Poster awards**

- Clinical Research

- Basic Research Animal

- Basic Research Human

Chair: Benoît Zuber

Auditorium Ettore Rossi

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16.15 - 16.45 **CNB Group leader's meeting**

on special invitation only

Chair: Tobias Nef

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16:45 End of Meeting

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# General information

## CNB Executive Committee

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

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## 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

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## Poster Award Committee

Benoît Zuber, Mirjam Heldner, Tobias Nef

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## Registration

Please register on <https://www.conftool.com/cnbam2023/> by **September 4th, 2023**. The participation is free of costs.

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## 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 <https://www.conftool.com/cnbam2023/>. Deadline for abstract submission is **August 18<sup>th</sup>, 2023**.

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 2023.

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 Benoît Zuber. 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.-

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## 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.

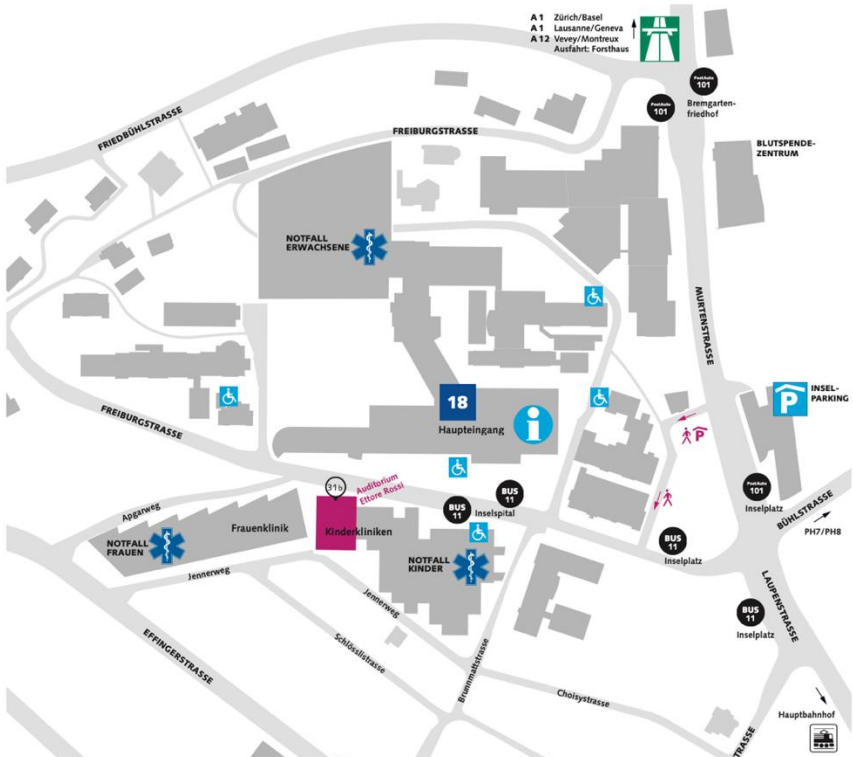
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## Venue

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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## Sponsors

We kindly thank our sponsors:



Faculty of Medicine



Faculty of Human Sciences



Vetsuisse

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