



Swiss League Against Epilepsy  
Ligue Suisse contre l'Epilepsie  
Schweizerische Epilepsie-Liga

## Registration

Please register by 17 November 2025 by email at [info@epi.ch](mailto:info@epi.ch) or directly via our website: [www.epi.ch/fach](http://www.epi.ch/fach)

Participation is free of charge. Programme subject to change.  
Language: English

## Organisation and information

Swiss League Against Epilepsy  
Seefeldstrasse 84  
8008 Zurich  
Phone 043 488 67 77  
[info@epi.ch](mailto:info@epi.ch), [www.epi.ch](http://www.epi.ch)  
Credits are applied for.

## Venue

Julie-von-Jenner Haus (Kinderklinik)  
Inselspital, Universitätsspital Bern  
Stock A, Nr. 181, Kursraum 1  
Freiburgstrasse 19  
3010 Bern

## Arrival and parking facilities

Public transport: Local bus Nr. 12, stop «Inselspital»,  
Postauto 101 from train station of Schanzenstrasse, stop «Inselplatz»  
By car: Via highway A1: Exit Forsthaus, follow the signs «Inselspital», then  
«Insel-Parking».

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LivaNova PLC, Neuraxpharm Switzerland AG, Neurolite AG, NightWatch  
Anfallserkennung, UCB-Pharma AG, UNEEG medical.  
The sponsors have no influence on the programme.

## SERENE Epilepsy Research Symposium Friday, 21 November 2025, 14.00 – 18.00 Bern, Inselspital



Photo: [www.istock.com](http://www.istock.com) / drnn

Research Symposium by the Swiss Epilepsy Research Network

## Epilepsy Research Symposium

### Friday, 21 November 2025

- 14.00 Introduction by Lukas Imbach (Zurich), Georgia Ramantani (Zurich), Athina Tzovara (Bern), President and board members of the Swiss League Against Epilepsy
- 14.10 Heinz Krestel, Winterthur (Hauptmann award laureate 2025)  
The Digital Response Test in Epilepsy (DigRTEpi): Use of artificial intelligence to individually assess cognitive and behavioral performance in everyday societal skills
- 14.25 Christian Korff, Geneva  
Research regarding developmental and epileptic encephalopathies
- 14.40 Antonio Giulio Gennari, Zurich  
Brain-specific immune hub activation in pediatric focal lesional epilepsy
- 14.50 Panagiota Karatza, Zurich  
Scalp high-frequency oscillations differentiate neonates with seizures from healthy neonates and indicate postneonatal epilepsy risk
- 15.00 Flavia Davidhi, Zurich  
Real-time seizure detection in human iEEG with neuromorphic hardware
- 15.15 Cecilia Friedrichs-Maeder, Bern  
Effects of anti-seizure medications on cortical excitability
- 15.30 Riccardo Cusinato, Bern  
Intracranial investigations of sleep dynamics: Lessons from patients with epilepsy
- 15.45 *Coffee break*
- 16.15 *2025 Epilepsy Research Recognition Award*  
Laudation: Lukas Imbach, president of the Swiss League Against Epilepsy  
  
Daria Skwarzynska, Zurich  
Power restored: Exploring how neurons recharge to end seizures  
  
Nicolas Roehri, Geneva  
Validation of the non-invasive mapping of the irritative zone using simultaneous intracerebral EEG and scalp EEG
- 16.45 Debora Ledergerber, Zurich  
Studies on epileptic microcircuitry
- 17.00 Philippe Ryvlin or team member, Lausanne  
Randomized controlled trial on naloxone use to prevent SUDEP
- 17.15 Gregory Lepeu (Hauptmann award laureate 2025)  
Dynamics of cortical stability and seizure resilience
- 17.30 Lukas Imbach, Zurich  
Recent advances in deep brain stimulation
- 17.45 Final remarks and discussion
- Approx. 18.00                      Aperitif