



FACHSYMPOSIUM
EPILEPTOLOGIE

Epilepsy Research Symposium: The Mesial Temporal Lobe in epilepsy research and neuroscience

Friday, 7 November 2025
13.00 –17.30
Klinik Lengg, EPI Parksaal



Welcome

The temporal lobe is central to both the fundamental study of cognition and the clinical investigation of epilepsy. This symposium brings together researchers exploring the medial temporal lobe (MTL) from multiple perspectives, spanning anatomy, physiology, cognition, and clinical translation. Presentations will range from the anatomy and development of the MTL to its contributions to social cognition, highlight new findings from intracranial recordings on epilepsy, memory and cognition, and conclude with insights into how neuromodulation affects MTL activity and cognition. By integrating perspectives from single-neuron to network-level studies, the symposium aims to foster cross-disciplinary dialogue and identify opportunities for collaborative advances in understanding the human temporal lobe.

Registration

Epilepsy Research Symposium

We kindly ask you to register via the following email address so that we can reserve your place: veranstaltung@kliniklengg.ch

Programme

Welcome

13.00 Lukas Imbach and Debora Ledergerber, Swiss Epilepsy Center, Lengg Clinic

Part I

13.10 **Anatomy and development of the medial temporal lobe**

Prof. Pierre Lavenex, University of Lausanne

13.40 **Context encoding by single neurons in human MTL**

Dr. Debora Ledergerber, Swiss Epilepsy Center, Lengg Clinic

14.10 **Working memory in the MTL – lessons from single unit recordings**

Prof. Dr. Johannes Sarnthein, University Hospital of Zurich

Coffee break

Part II

15.20 **Remote effects - Does thalamic Deep Brain Stimulation influence hippo-campal activity?**

Prof. Dr. med. Lukas Imbach, Swiss Epilepsy Center, Lengg Clinic

15.50 **Hippocampal spreading depolarization as a key epilepsy disease factor**

Prof. Dr. Michael Wenzel, University of Bonn

16.20 **Social cognition and the mesial temporal lobe**

Dr. Rebecca Johannessen, Swiss Epilepsy Center, Lengg Clinic

Network-Apéro

Allgemeine Informationen

Akkreditierung

SNG: 4 Credits.

SGKN: 4 Credits.

Kontakt

Thierry Chollet steht Ihnen für weitere Informationen gerne zur Verfügung.

veranstaltung@kliniklengg.ch

Anfahrt

Sie erreichen die Klinik Lengg bequem mit den öffentlichen Verkehrsmitteln.



Unsere nächsten Veranstaltungen

Übersicht und Anmeldung



Newsletter-Anmeldung

Der Epileptologie-Fachnewsletter informiert Sie über aktuelle Themen und Trends.



Klinik Lengg AG
Bleulerstrasse 60, 8008 Zürich
Tel. +41 44 387 67 67
www.kliniklengg.ch

