

3rd Annual EpiReC Meeting 2021

Program

WHEN

26th November 2021
14:30-19:00 CET

WHERE

Left small lecture hall
Deanery
Second Faculty of Medicine

ONLINE

<https://cesnet.zoom.us/j/91862504002>

PROGRAM

14:30-14:35

Welcome

Vladimir Komarek

14:35-14:45

EpiReC in 2021

Premysl Jiruska

14:45-15:30

Invited lecture: Novel insights in the genetics of focal cortical
dysplasia

Dr Stephanie Baulac

Chair: Vladimir Komarek and John Jefferys

15:30-15:35

Joint photo

15:30-16:00

Coffee break

16:00-17:50

Group presentations

Chair: Pavel Krsek and Petr Marusic

17:55-18:05

Plans for 2022 and conclusion

Jakub Otahal

18:05-19:00

Networking and refreshment

GROUP PRESENTATIONS

Radek Janca: **Clinical neurophysiology group**

Lenka Svobodova: *Independent IED population in irritative zone sub-network localizes SOZ*

John G.R. Jefferys: **Pathophysiology of SUDEP group**

Karolina Liska: *Mechanisms of cardiovascular dysfunction in temporal lobe epilepsy model*

Jakub Otahal: **Cell cultures and organoids**

Sarka Danacikova: *Development of in vitro methods for personalized diagnostics and treatment of epilepsy*

Jan Kudlacek: **Experimental neurophysiology group**

Jan Chvojka: *High-frequency oscillations in a model of epilepsy due to focal cortical dysplasia type II*

Jakub Otahal: **Neuroimaging group**

Yeva Prysiashniuk: *Assessment of Cerebral Perfusion with Advanced Arterial Spin Labeling MRI*

Ondrej Novak: **Neural circuit optophysiology group**

Monika Rehorova: *Epileptiform activity at the level of single neurons and neuronal populations in the FCD-related epilepsy model. What do the dysmorphic neurons do?*

Petra Lassuthova: **Molecular genetics group**

Barbora Benova: *Novel human phenotype ontology terms to describe histopathological features of focal cortical dysplasia - a tool for deepWES analysis*

Helena Pivonkova: **Neuroglial interactions group**



Paving the way to a life seizure free

PARTNERS

