

IN SEARCH OF LOST TIME

3rd Rome Workshop

on rare and complex epilepsies



FROM EPILEPTOGENESIS TO CLINICAL CARE

December 13th to 15th 2022 - Rome, Italy



Endorsed by the European Reference
Network for rare and complex epilepsies



Tuesday 13th December

Start of the workshop at 14h.

Session 1 : Understanding Epileptogenesis in Rare Epilepsies:
from basic mechanisms to clinical perspectives

- Conceptual definition and mechanisms in the developing brain
- Zebrafish as a model for studying early mechanisms of epileptogenesis
- Preclinical therapeutic strategies to epileptogenesis: Gene therapy approaches
- Clinical therapeutic strategies to epileptogenesis in Tuberous Sclerosis Complex

Session 2 : Biomarkers and early diagnostic protocols in epilepsy

- Are there innovative biomarkers, how can basic research may contribute
- Genetic biomarkers
- Imaging biomarkers
- EEG biomarkers
- Integrative biomarker research (i.e.machine learning techniques)

Lecture : Prediction of seizures

Wednesday 14th December

Session 3 : Precision Medicine

- Precision medicine in epilepsy: where are we now?
- Patient-centered outcome measures in epilepsy.
- N-of-1 trials in epilepsy: where do we go?
- Personalized medicine in epilepsy surgery : HFO and how to tailor resections
- Personalized surgery using multimodal modelling.

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Session 4 : Early assessment of gene variants and implication for management in rare epilepsies

- Early detection of gene variants
- Assessment of gene variant effect
- Lessons learned and gaps in clinical trials for Developmental Epileptic Encephalopathies
- Innovative clinical trial designs for Developmental Epileptic Encephalopathies

Session 5 : Patient representatives

- How registries from patients associations can help research?
- How can patient advocates support actions for better healthcare pathways
- What the health care providers would expect from ePAGs

Session 6 : Seizures in cluster and status epilepticus

- Is it a cluster? Is it a status? A continuum or two distinct conditions?
A clinical point of view
- Seizures clusters in DEEs: a common emergency
- From seizures clusters to status: a continuum or two different underlying mechanisms
- From seizures clusters to status: could we extrapolate the therapies?

EpiCARE Business Session

Thursday 15th December 2022

Session 7 : Innovative findings from early career researchers

Session 8 : Therapies on Pipeline for difficult to treat epilepsies

End of the workshop at 13h.

Expected speakers & chairs

Eleonora Aronica
Alexis Arzimanoglou
Stéphane Auvin
Fabrice Bartolomei
Maxime Baud
Sándor Beniczky
Ingmar Blümcke
Isabella Brambilla
Kees Braun
Vania Broccoli
Andreas Bruncklaus
Helen Cross
Marco De Curtis

Peter De Witte
Renzo Guerrini
Floor Jansen
Reetta Kälviäinen
Matthias Koepp
Lieven Lagae
Gaetan Lesca
Morten Lossius
Maša Malenica
Petr Marusič
Rima Nabhout
Finbar O'Callaghan
Asla Pitkänen

Ronit Pressler
Stefan Rampf
Guido Rubboli
Philippe Ryvlin
Nicola Specchio
Rainer Surges
Laura Tassi
Paolo Tinuper
Eugen Trinka
Federico Vigevano
Matthew Walker
Sarah Weckhuysen
Maeike Zijlmans

Logistics

Registration will be available soon

Organizing secretariat



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Bambino Gesù
OSPEDALE PEDIATRICO