

Dear Colleagues and Friends,

We kindly invite you to join us for the

## “Young Researchers in Pediatric Epileptology”

meeting in Kiel at the Baltic Sea.

We would like to bring together young clinicians and researchers working in the field of pediatric epileptology for an intensive exchange of experiences and knowledge. Researchers from different areas will get in contact to learn from each other and to initiate new collaborations and networks.

Invited talks by young colleagues will present a broad overview and provide insights into recent discoveries on the genetic causes of pediatric epilepsies, the pathogenetic and pathophysiological mechanisms and the clinical relevance. Keynote lectures by experienced scientists will address essential topics such as ethical aspects of pediatric research. Additionally, all participants may present their research projects and discuss them within the group.

Following this comprehensive program, we would like to enjoy with you the summerly evenings at the Baltic Sea creating an inspirational and creative atmosphere.

Hoping to welcome you in Kiel soon,

Sarah von Spiczak

Friederike Moeller

Ingo Helbig

Johanna Albers

### Registration

Please register online by July 15<sup>th</sup>.

There is no registration fee.

[www.epilepsiegenetik.de/meeting](http://www.epilepsiegenetik.de/meeting)

The total number of participants is restricted to about 50.

### Presentation of Research Projects

All participants are encouraged to present their own research projects. Presenters are requested to submit a short abstract on their topic by July 15<sup>th</sup>.

All participants presenting at the meeting will be granted a travel support.

### Meeting Venue

Institute for Experimental Medicine  
Christian-Albrechts-University Kiel  
UKSH (Campus Kiel), Building 1  
Niemannsweg 11  
D-24105 Kiel, Germany

### Accommodation

There are hotels in various categories available in Kiel. We recommend to book early to guarantee best price rates.

### Contact Details

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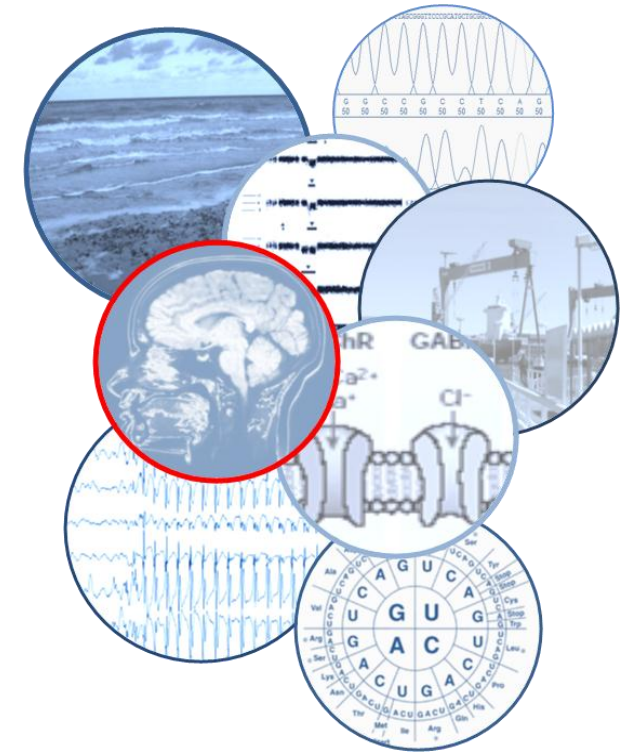
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AKADEMIE DER  
WISSENSCHAFTEN  
IN HAMBURG

## Young Researchers in Pediatric Epileptology:

## From Gene to Disease



**August 23<sup>rd</sup> – August 25<sup>th</sup>, 2012**  
**Kiel, Germany**

**Christian-Albrechts-University &  
University Hospital Schleswig-  
Holstein, Kiel**

## Thursday, August 23<sup>rd</sup>, 2012

5:00 pm	Registration
5:10 – 5:30 pm	<b>Welcome</b> (U. Stephani, Kiel)
5:30 – 7:00 pm	<b>Keynote Lecture:</b> Is pediatric epilepsy research beneficial for A: the understanding of epilepsies and B: epilepsy patients (O. Dulac, Paris)
7:00 pm	<b>Get Together</b> at the “Kieler Förde” (Location: t.b.a., at the seaside)

## Friday, August 24<sup>th</sup>, 2012

### Session I: The genetic basis of childhood epilepsies

9:00 – 9:30 am	From monogenic families to copy number variation: Genetics of Idiopathic Generalized Epilepsies (K.-M. Klein, Marburg)
9:30 – 10:00 am	From twin studies to ion channels: Genetics of Idiopathic Focal Epilepsies (J. Lemke, Bern)
10:00 – 10:30 am	About new genes and novel phenotypes: Genetics of epileptic encephalopathies (S. Weckhuysen, Antwerp)
10:30 – 11:00 am	Coffee break
11:00 am – 1:00 pm	<b>Presentation and discussion of research projects in epilepsy genetics</b> (Participants)
1:00 – 2:00 pm	Lunch break
2:00 – 3:00 pm	<b>Keynote Lecture:</b> Risks, benefits and solidarity: ethical issues in pediatric epilepsy research (K. Hens, Maastricht)

## Friday, August 24<sup>th</sup>, 2012

### Scientific Session II: Cells, currents and networks: Neurophysiological studies in childhood epilepsies

3:00 – 3:30 pm	From sleep and spindles to spikes and seizures: Neurophysiological data on absence epilepsy (P. Coulon, Münster)
3:30 – 4:00 pm	Gene expression and channel properties: Explanations for age dependency in infantile epilepsies (S. Maljevic, Tübingen)
4:00 – 4:30 pm	The fragile balance of excitation and inhibition: Channels and ions and epileptogenesis (F. Benninger, Tel Aviv)
4:30 – 5:00 pm	Coffee break
5:00 – 7:00 pm	<b>Presentation and discussion of neurophysiological research projects</b> (Participants)
7:30 pm	<b>Dinner &amp; “Networking”</b> (Location: t.b.a., at the seaside)

## Saturday, August 25<sup>th</sup>, 2012

8:00 am	<b>Breakfast Talk:</b> Re-think -motivation, networks, concepts: the power of a new generation in pediatric epileptology (I. Helbig, Kiel)
	<b>Scientific Session III: From cells to systems: Functional studies in childhood epilepsies</b>
8:30 – 9:00 am	Thalamus, cortex and co: Networks in Idiopathic Generalized Epilepsies (F. Moeller, Kiel)
9:00 – 9:30 am	Hypsarrhythmia and ESES: Functional imaging in epileptic encephalopathies (M. Siniatchkin Frankfurt)

## Saturday, August 25<sup>th</sup>, 2012

9:30 – 10:00 am	The source of epilepsy: High frequency oscillations as markers for epileptogenicity (J. Jacobs, Freiburg)
10:00 – 10:30 am	Coffee break
10:30 – 12:30 am	<b>Presentation and discussion of research projects using functional imaging methods</b> (Participants)
12:30 am – 1:30 pm	Lunch break
	<b>Scientific Session IV: From bedside to bench - and back: Clinical aspects of epilepsies in childhood and adolescence</b>
1:30 – 2:00 pm	What are we talking about? The clinical picture of age-related epilepsy syndromes (C. Doege, Schwententhal/ Raisdorf)
2:00 – 2:30 pm	From neurophysiological investigations to clinical implications: GABA receptors in neonatal seizures (K. Kirmse, Jena)
2:30 – 3:00 pm	Finally at the bedside: Examples for clinical applications of up-to-date scientific findings (J. Albers & S. von Spiczak, Kiel)
3:00 – 3:30 pm	Coffee break
3:30 – 4:30 pm	<b>Presentation and discussion of research projects investigating clinical aspects of childhood epilepsies</b> (Participants)
4:30 pm	<b>Farewell from KIEL</b>