# General information

The venue of the conference is Sørup Herregaard which is located Sørupvej 26, 4100 Ringsted (Denmark).

The conference will start on June 28th, 2018 at 8:45 and will end on June 29th, 2018 at 14:00.

We encourages all participants to consider contributing to the programme by submitting abstracts for poster or platform presentation. Abstracts can be send to genetics@filadelfia.dk before April 1th.

Sørup Herreggaard is about 7 km from Ringsted railway station. Ringsted can be reached by train from Copenhagen Central Station (about 40 minutes).

Highway E20 connects Ringsted to Copenhagen (about 45 min drive).

Rooms are available for the participants at Sørup Herregaard and they can be included in the registration. Accommodation at the conference venue can be guaranteed if you register before May 1th.

Registration fees:

€ 450: full meeting incl. conference dinner (28.6.18) – 2 nights (27-28/6/18)
€ 350: 1½ day incl. conference dinner (28.6.18) – 1 night (28/6/17)
€ 250 – registration with conference dinner (28.6.18)

Registration fees has to be paid on bank account:

Danske Bank
Card holder: Filadelfia
Address: Torvet 6, 4100 Ringsted (Denmark)
Account n. 4343 0006406319
IBAN: DK45 3000 0006 4063 19
SWIFT-BIC: DABADKKK.

Please report in the payment your name and the title of the conference.

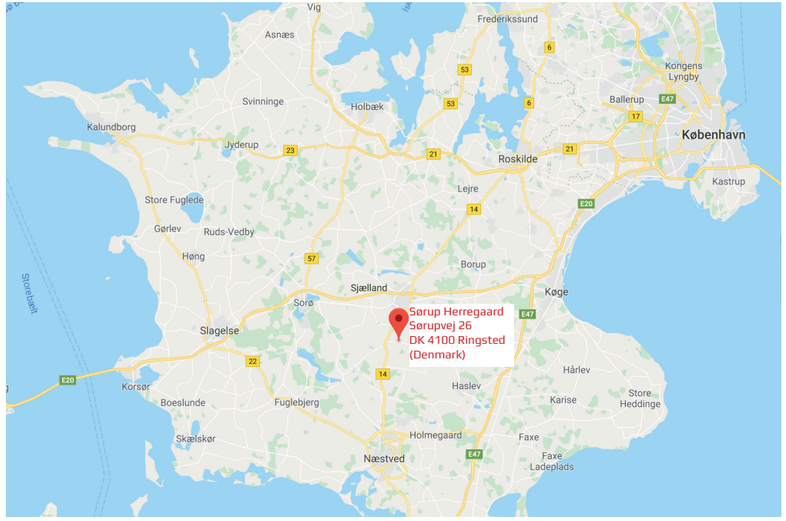
Please send the filled registration form to the attention of Alice Bøjlund Lyseen:

genetics@filadelfia.dk

Further information:

http://www.filadelfia.dk/filadelfia/aktuelt/ny-forskning-forside

## 3rd Dianalund International Conference on Epilepsy
## 28-29th June, 2018
## Sørup Herregård, Ringsted, Denmark




## Faculty

A. Brunklaus (UK)
B. Ceulemans (Belgium)
W. Fazeli (Germany)
E. Gardella (Denmark)
R. Guerrini (Italy)
H. Hjalgrim (Denmark)
K.M. Johannesen (Denmark)
B. Koeleman (The Netherlands)
D. Lal (USA)
J. Lemke (Germany)
H. Lerche (Germany)
D. Lindhout (The Netherlands)
M. Meisler (USA)
R.S. Møller (Denmark)
R. Nabbout (France)
G. Rubboli (Denmark)
S. Sanders (USA)
S. Sisodiya (UK)
S. Syrbe(Germany)
P. Veggiotti (Italy)
S. Weckhuysen (Belgium)
M. Wolff (Germany)

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# Epileptic channelopathies
## clinical spectrum and treatment perspectives

3rd Dianalund International Conference on Epilepsy

INTERNATIONAL LEAGUE AGAINST EPILEPSY ILAE Established 1909

UNIVERSITY OF COPENHAGEN

DANSK EPILEPSI SELSKAB
Danish Epilepsy Society

SDU UNIVERSITY OF SOUTHERN DENMARK

## Dear participants

It is our great pleasure to invite you to the 3rd Dianalund International Conference on Epilepsy. The topic of the conference is: Epileptic channelopathies - clinical spectrum and treatment perspectives.

We hope that you'll be able to join us, and we are looking forward welcoming you in Denmark.

## Introduction

Inherited channelopathies account for a substantial fraction of epilepsy syndromes ranging from severe infantile encephalopathies to relatively benign focal epilepsies. Recent molecular genetic advances have contributed to our understanding of the pathophysiological mechanisms underlying these epileptic disorders.

Although epileptic channelopathies are individually rare, they can be accurately diagnosed by careful clinical assessment, appropriate laboratory investigations and DNA-based diagnosis. An accurate diagnosis is important for genetic counselling and to direct treatment options. Recently, some evidences showing that dysfunctional channels can be specifically targeted with drugs acting on them has suggested that a "precision medicine" approach may be promising, particularly in this groups of diseases where drug-resistance is common and evidence based treatment is lacking.

The main aims of this conference are to provide an updated overview of the currently recognized forms of epileptic channelopathies, to review the present knowledge on their pathogenetic mechanisms, and to discuss present and future therapeutic approaches.

### Scientific Committee

Rikke S. Møller
Helle Hjalgrim
Elena Gardella
Guido Rubboli

### Organizing Committee

Alice B. Lyseen

## 28 June 2018

| | | | |
|---|---|---|---|
| 8:45 | - | 9:00 | Presentation of the conference: Jens-Otto S. Jeppesen |
| | | | Chairs: Guido Rubboli, Rikke Møller |
| 9:00 | - | 9:45 | Clinical approach to epileptic channelopathies. Renzo Guerrini |
| 9:45 | - | 10:15 | Novel biological concepts of *SCN1A* related diseases - implications for clinical practice. Andreas Brunklaus |
| 10:15 | - | 10:30 | *SCN1A* : an old drug seems to work! Berten Ceulemans |
| 10:30 | - | 11:00 | Coffee break |
| | | | Chairs: Johannes Lemke, Katrine Johannesen |
| 11:00 | - | 11:30 | *SCN2A* – clinical overview and innovative treatment. Markus Wolff |
| 11:30 | - | 11:50 | *SCN2A* mouse model: translational implications. Walid Fazeli |
| 11:50 | - | 12:35 | Lecture: The relationship of epilepsy and autism: insights from *SCN2A*. Stephan Sanders |
| 12:30 | - | 13:30 | Lunch |
| | | | Chairs: Sanjay Sisodiya, Helle Hjalgrim |
| 13:30 | - | 14:15 | Lecture: Functional studies – what is up and down? Holger Lerche |
| 14:15 | - | 14:45 | Electroclinical features of *SCN8A*. Elena Gardella |
| 14:45 | - | 15:15 | Functional studies in mouse models of *SCN8A* encephalopathy. Miriam Meisler |
| 15:15 | - | 15:45 | Shedding light into voltage-gated sodium channel associated neurodevelopmental disorders. Dennis Lal |
| 15:45 | - | 16:15 | Coffee break |
| | | | Chairs: Elena Gardella, Sarah Weckhuysen |
| 16:15 | - | 16:45 | *SLC6A1* - MAE with a twist. Katrine Johannesen |
| 16:45 | - | 17:15 | GLUT1: very rare disease or underdiagnosed syndrome? Pierangelo Veggiotti |
| 17:15 | - | 17.45 | The many faces of *CACNA1A* related epilepsy. Steffen Syrbe |
| 17:45 | - | 18:15 | "Late-breaking News" (speakers to be announced) |
| 18:15 | - | 18:45 | General Discussion. Dick Lindhout |
| 19:30 | | | Dinner |

## 29 June 2018

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|---|---|---|---|
| | | | Chairs: Bobby Koeleman, Rima Nabbout |
| 8:30 | - | 9:15 | Lecture: Clinical and genetic diagnostics of epileptic encephalopathies. Johannes Lemke |
| 9:15 | - | 9:45 | *KCNQ2/KCNQ3* related disorders beyond the neonatal period. Sarah Weckhuysen |
| 9:45 | - | 10.15 | *KCNA2*: genotype-phenotype associations and treatment implications. Guido Rubboli |
| 10.15 | - | 10:45 | *KCNT1*: Lessons from bench to bed translation. Rima Nabbout |
| 10:45 | - | 11:15 | Coffee break |
| | | | Chairs:Renzo Guerrini, Holger Lerche |
| 11.15 | - | 11:45 | *KCNB1* encephalopathy: a neurodevelopmental disorder including epilepsy and autism. Rikke Møller |
| 11:45 | - | 12:15 | New kids on the block: *SLC1A2, KCNQ5, CACNA1E* etc. Bobby Koeleman |
| 12:15 | - | 13:00 | Lecture: Precision medicine in genetic epilepsies. Sanjay Sisodiya |
| 13:00 | - | 13:30 | CBD treatment – hot or not? Helle Hjalgrim |
| 13:30 | - | 14:00 | General Discussion and end of the meeting. Rikke Møller, Guido Rubboli |
| 14.00 | - | 15.00 | Lunch buffet / lunch package |