26 & 27 March 2015 ANNOUNCEMENT

Update@kempenhaeghe.nl
Epilepsy | Sleep | Neurocognition

17th annual international clinical symposium Kempenhaeghe

Therapeutic advances
Dear colleagues,

The 17th edition of the annual international clinical symposium ‘Update@Kempenhaeghe.nl’ will take place on Thursday 26 March and Friday 27 March 2015 in Heeze, The Netherlands. Over the past decade and a half, this symposium has become a major international scientific event in the Low Countries, hosting over 650 delegates in 2014. This year the focus will be on diagnostic and therapeutical advances.

During state-of-the-art main sessions, workshops and parallel sessions, recent progress in the diagnosis and treatment of epilepsy, sleep disorders and cognitive dysfunction will be discussed.

A distinguished national and international faculty guarantees a high quality of presentations and content covering best clinical practice, results of the latest scientific research and illustrative cases.

The main sponsor of the symposium is UCB Pharma. The parallel sessions of the sleep update are sponsored by BASS and NSWO.

On behalf of the scientific and organizing committee we warmly invite you to the 17th annual international clinical symposium ‘Update@Kempenhaeghe.nl’ and hope to personally welcoming you at Kempenhaeghe.

With best regards,

prof. dr. Paul Boon
director of Research & Development
Kempenhaeghe
professor of neurology
Ghent University Hospital

prof. dr. Bert Aldenkamp
secretary of Research & Development
Kempenhaeghe
professor of epilepsy and neuropsychology
Maastricht University Medical Center
professor of cognition and imaging in epilepsy
Eindhoven University of Technology
# Main Sessions Epilepsy & Sleep

**FRIDAY 27 MARCH 2015**

## MAIN SESSION EPILEPSY

### ANTIEPILEPTIC DRUG TREATMENT

**Chairs:** prof. dr. Paul Boon, prof. dr. Bert Aldenkamp

<table>
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<tr>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>Mechanisms of antiepileptic drugs, old and new</td>
<td>dr. Henrik Klitgaard</td>
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<tr>
<td>Practical use of new antiepileptic drugs</td>
<td>prof. dr. Martin Brodie</td>
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<td>Mood effects of antiepileptic drugs</td>
<td>prof. dr. Bert Aldenkamp</td>
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<td>Innovative administration of AEDs</td>
<td>prof. dr. Paul Boon</td>
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### LUNCH AT HEEZE CASTLE

## MAIN SESSION SLEEP

### TREATMENT OF SLEEP DISORDERS

**Chairs:** prof. dr. Dirk Pevernagie, dr. Sebastiaan Overeem

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Current state and future directions in hypoglossal nerve stimulation</td>
<td>prof. dr. Nico de Vries</td>
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<tr>
<td>Pharmacotherapy for chronic insomnia: an update</td>
<td>dr. Angelique Pijpers</td>
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<tr>
<td>Paediatric sleep apnoea: new therapeutic insights</td>
<td>prof. dr. Stijn Verhulst</td>
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<td>Treatment of narcolepsy</td>
<td>dr. Claire Donjacour</td>
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</table>
## Parallel Sessions: Epilepsy

### Parallel Session 1: Epilepsy

**Time:** 14.30 - 16.30

**Neuromodulation**

**Chairs:** prof. dr. Paul Boon, prof. dr. ir. Jan Bergmans

- Neurostimulation strategies and mechanisms in epilepsy
- Deep brain stimulation for epilepsy, what targets?
- Vagus nerve stimulation in children, a critical reappraisal
- Technological advances in neurostimulation
- Non-invasive neurostimulation for epilepsy, what can we achieve?

**Speakers:**
- prof. dr. Robrecht Raedt
- dr. Kai Lehtimäki
- prof. dr. Lieven Lagae
- dr. ir. Pieter Harpe
- prof. dr. Werner Mess

### Parallel Session 2: Epilepsy

**Time:** 14.30 - 16.30

**Translational Research in Epilepsy**

**Chairs:** dr. Govert Hoogland, dr. Rob Rouhi

- Blood-brain barrier dysfunction, seizures and epilepsy
- Imaging in animal models of epilepsy
- Effect of febrile seizures on hippocampal neurogenesis and GABA(A) receptor physiology
- Translational research in epilepsy, quicker said than done?

**Speakers:**
- dr. Erwin van Vliet
- dr. Jaap Jansen
- dr. Ann Swijsen
- prof. dr. Ilse Smolders

### Parallel Session 3: Epilepsy

**Time:** 14.30 - 16.30

**Non-Epileptic Seizures**

**Chairs:** dr. Anton de Louw, dr. Nynke Bodde

- First fit differential diagnosis in different cases
- Syncope
- Psychogenic seizures versus epileptic seizures
- Psychogenic seizures: what else could it be?

**Speakers:**
- dr. Mar Carreño
- dr. Roland Thijs
- dr. Richard Lazeron
- dr. Nynke Bodde

### Parallel Session 4: Epilepsy

**Time:** 14.30 - 17.00

**Biomarkers in Epilepsy**

**Chairs:** dr. Jurgen Schelhaas, prof. dr. Alfred Meurs

- Advances in the genetics of epilepsy and impact in clinical practice
- Practical use of a biobank in epilepsy care and research
- Neurophysiological biomarkers for epilepsy
- Imaging biomarkers for epilepsy

**Speakers:**
- prof. dr. José Serratosa
- dr. Jurgen Schelhaas,
- dr. Peggy Manders
- prof. dr. Alfred Meurs
- dr. Paul Hofman

### Parallel Session 5: Epilepsy

**Time:** 14.30 - 17.00

**Special Cases: Pharmacotherapeutic Success Stories**

**Chairs:** dr. Marian Majoie, dr. Mariëlle Vlooswijk

- Prediction of successful pharmacological effects of CNS-active agents during early phases of drug development
- Can cortical excitability predict success of anti epileptic drug therapy?
- Success of first and second choice antiepileptic drug therapy based on guideline advises
- Successful treatment, patient satisfied?
- Super refractory status epilepticus, a success story

**Speakers:**
- prof. dr. Joop van Gerven
- dr. Bert Kleine
- dr. Cees van Donselaar
- Annick Laridon
- dr. Joost Nicolai
FRIDAY 27 MARCH 2015

Parallel Session Neurocognition

09.00 - 09.30  WELCOME AND REGISTRATION

PARALLEL SESSION 1 NEUROCOGNITION

09.30 - 12.30  LANGUAGE, ATTENTION, SLEEP, FUNCTIONAL NETWORKS AND EXECUTIVE FUNCTIONS AND THEIR INFLUENCE ON LEARNING AND DEVELOPMENT

Chair: prof. dr. Hans Vles

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<tr>
<td>Consequences of dysfunctional networks related to development</td>
<td>dr. Judith Verhoeven</td>
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<tr>
<td>Prematurity and executive functions</td>
<td>dr. Cornelieke Aarnoudse - Moens</td>
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<tr>
<td>Motor disorders and language</td>
<td>dr. Jeroen Vermeulen</td>
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<tr>
<td>Sleep and learning</td>
<td>Nele Vandenbussche</td>
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<td>Paroxysmal symptoms and cognition</td>
<td>Sylvia Klinkenberg</td>
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<td>Diagnosing attention problems in preschool children with a virtual computer game</td>
<td>Janneke Peijnenborgh</td>
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<tr>
<td>Diagnostic overshadowing</td>
<td>dr. Jos Hendriksen, prof. dr. Hans Vles</td>
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Programme will soon be published on www.kempenhaeghe.nl

Parallel Sessions Sleep

PARALLEL SESSION 1 SLEEP

09.30 - 12.30  ORGANIZED BY NSWO

Programme will soon be published on www.kempenhaeghe.nl

PARALLEL SESSION 2 SLEEP

09.30 - 12.30  ORGANIZED BY BASS

Programme will soon be published on www.kempenhaeghe.nl
‘Meet our talents’
Innovation session

09.30 - 12.00  **Innovation session** for company leaders and others interested in innovation. By means of elevator pitches our young talents will introduce possibilities for innovation in epilepsy, sleep and neurocognition. For further information on the programme and registration please check www.kempenhaeghe.nl

Advanced Epilepsy Course

12.00 - 13.00  **WELCOME AND REGISTRATION (including lunch buffet)**
*register separately; only open for academic professionals*

13.00 - 14.00  **ON-SITE VISIT OF KEMPENHAEGHE**

**ADVANCED EPILEPSY COURSE**

14.00 -17.00  **UPDATE ON EPILEPSY THERAPY**
*Chairs: prof. dr. Paul Boon, prof. dr. Bert Aldenkamp*

Plenary session

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<tr>
<td>Epilepsy surgery, state-of-the-art</td>
<td>prof. dr. Dirk Van Roost</td>
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<tr>
<td>Management of acute seizures</td>
<td>dr. Cees van Donselaar</td>
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<tr>
<td>Combining antiepileptic drugs: rational polytherapy</td>
<td>prof. dr. Martin Brodie</td>
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<tr>
<td>Antiepileptic drug treatment, beyond seizure outcome</td>
<td>prof. dr. Bert Aldenkamp</td>
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<tr>
<td>Vagus nerve stimulation, state-of-the-art</td>
<td>prof. dr. Kristl Vonck</td>
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<tr>
<td>Deep brain stimulation for epilepsy, when and how?</td>
<td>prof. dr. Paul Boon</td>
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Breakup workshops based on cases
Registration only at www.kempenhaeghe.nl
Please register for participation in the symposium ‘Update@Kempenhaeghe.nl’ at Kempenhaeghe’s website www.kempenhaeghe.nl.
On the website you will find further directions. First you will need to fill out the requested information, then you may choose between the different sessions.

Costs
Participation in the main and parallel sessions on Friday 27 March 2015 is free.

The fee for participants to the Advanced Epilepsy Course is €500.-.

Accreditation
Accreditation from the Dutch and Belgian neurological accreditation committees and from the societies of physicians for persons with intellectual disabilities (ABC 1), pulmonologists, ENT-physicians, pediatricians, neurosurgeons, clinical neuropsychologists and nurse practitioners has been requested.

Poster session
A poster session will be organized. You can find information and instructions at www.kempenhaeghe.nl

Venue
The symposium ‘Update@Kempenhaeghe.nl’ will take place at Kempenhaeghe, Sterkselseweg 65, Heeze, The Netherlands.

If you have any questions, please contact the communication department of Kempenhaeghe at telephone +31(0) 40 227 92 82 or e-mail Update@Kempenhaeghe.nl

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Inspired by patients.
Driven by science.
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prof. dr. Bert Aldenkamp
prof. dr. ir. Jan Bergmans
dr. Nynke Bodde
prof. dr. Paul Boon
prof. dr. Martin Brodie
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dr. Sebastiaan Overeem
Janneke Heijenborgh
prof. dr. Dirk Pevernage
dr. Angelique Piipers
prof. dr. Robrecht Raedt

dr. Rob Rouhl

dr. Jurgen Schelhaas

prof. dr. José Serratosa
prof. dr. Ilse Smolders
dr. Ann Swijnen

dr. Roland Thijs

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Nele Vandenbussche

dr. Judith Verhoeven

prof. dr. Stijn Verhulst

dr. Jeroen Vermeulen

prof. dr. Hans Vles


dr. Erwin van Vliet


dr. Martille Vlooswijk

prof. dr. Kristl Vonck

prof. dr. Nico de Vries

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Western Infirmary, Glasgow, Scotland
Barcelona University Hospital Clinic, Spain
Centre for Human Drug Research (CHDR), Leiden, The Netherlands
Eindhoven University of Technology, The Netherlands
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Sint Lucas Andreas Hospital, Amsterdam, The Netherlands; Dept Otolaryngology, University of Antwerp, Belgium