The third EUPON Meeting
Update on Optic Nerve Degeneration
*A European Network*

14–15th April 2018, Düsseldorf, Germany
Welcome to

The EUPON Meeting 2018
Update on Optic Nerve Degeneration: a European Network

The third annual EUPON meeting will be held on Apr 14–15th 2018 in Düsseldorf. EUPON is a unique interdisciplinary scientific meeting focusing on diseases of the optic nerve and retina from both an ophthalmologic and a neurologic perspective. This year's meeting covers nine main topics which will be covered from the preclinical, diagnostic and therapeutic point of view: Optic neuritis and multiple sclerosis, neuromyelitis spectrum disorders, preclinical retinal imaging of mice and rats, hereditary optic neuropathies, glaucoma, retinal diseases affecting the optic nerve, standardization of retinal imaging (quality control criteria and reporting guidelines), anterior ischemic optic neuropathy, and pseudotumor cerebri syndrome. We have tried to put a special focus on including not only cutting edge lectures on the clinical state of the art but also integrating the relevant translational aspects of basic science research in the field.

We hope to see you in Düsseldorf for EUPON 2018 and are looking forward to exciting scientific talks and interdisciplinary discussions with you.

Kind regards,

Philipp Albrecht, Wolf Lagrèze, Rainer Guthoff and Orhan Aktas
PROGRAM 14th APRIL 2018

8:30–8:50  Registration / Coffee

**Optic Neuritis / MS**
Chairs: Wolf Lagrèze, Friedemann Paul

8:50–9:00  Welcome
Hans-Peter Hartung, Düsseldorf

9:00–9:20  Pathophysiology of ganglion cell loss in EAE
Ricarda Diem, Heidelberg

9:20–9:40  Diagnostic approaches assessing the visual system in MS
Friedemann Paul, Berlin

9:40–10:00  The value of VEP and mfVEP in MS
Letizia Leocani, Milan

10:00–10:20  MRI imaging of the visual system in MS
Inigo Gabilondo, Bilbao

10:20–10:40  Coffee break

10:40–11:00  The thickness of the inner nuclear layer (INL) and disease activity in MS
Benjamin Knier, München

11:00–11:20  Reexamining the INL in MS: Findings and relevance of INL thickness in a multicenter study
Lisanne Balk, Amsterdam

11:20–11:40  The prognostic value of (mf)VEP and OCT in ON and MS
Jette Frederiksen Lautrup Battistini, Kopenhagen

11:40–12:00  Therapeutic approaches to Optic Neuritis
Wolf Lagrèze, Freiburg

12:00–13:00  Lunch

**AION and IIH**
Chairs: Christian van Oterendorp, Ullrich Wüllner

13:00–13:20  Animal models for AION and their application to translational research
Chantal Dysli, Bern
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Location</th>
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<tbody>
<tr>
<td>13:20–13:40</td>
<td>An update on the diagnostic approaches for AION</td>
<td>Helmut Wilhelm, Tübingen</td>
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<td>13:40–14:00</td>
<td>The therapeutic approaches for AION</td>
<td>Christian van Oterendorp, Göttingen</td>
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<td>14:00–14:20</td>
<td>Current opinion and data on the pathophysiology and therapeutic options of pseudotumor cerebri syndrome</td>
<td>Ullrich Wüllner, Bonn</td>
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<tr>
<td>14:20–14:40</td>
<td>Diagnostic approaches to pseudotumor cerebri syndrome</td>
<td>Wolf Lagrèze, Freiburg</td>
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<td>14:40–15:10</td>
<td>Coffee break</td>
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<td><strong>NMOSD</strong></td>
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<td>Chairs: Orhan Aktas, Hans-Peter Hartung</td>
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<td>15:10–15:30</td>
<td>Retinal imaging as diagnostic parameter for NMOSD</td>
<td>Joachim Havla, München</td>
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<td>15:30–15:50</td>
<td>Visual evoked potentials in NMOSD</td>
<td>Marius Ringelstein, Düsseldorf</td>
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<td>15:50–16:10</td>
<td>Established and emerging therapeutic strategies for NMOSD</td>
<td>Orhan Aktas, Düsseldorf</td>
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<td><strong>The interface: Retinal diseases affecting brain/optic nerve and vice versa</strong></td>
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<td>Chairs: Rainer Guthoff, Elmar Pinkhardt</td>
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<td>16:10–16:30</td>
<td>Systemic diseases affecting retina and visual system – Neurodegeneration in Diabetic Retinopathy</td>
<td>Rainer Guthoff, Düsseldorf</td>
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<td>16:30–16:50</td>
<td>Retinal findings in Parkinson’s disease and other neurodegenerative diseases</td>
<td>Elmar Pinkhardt, Ulm</td>
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<td>16:50–17:10</td>
<td>Cerebrovascular disease and the retina – posterior cerebral artery infarction</td>
<td>John-Ih Lee, Düsseldorf</td>
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<td>Time</td>
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<td>9:00–9:20</td>
<td>The role of microglia during experimental autoimmune encephalomyelitis/optic neuritis</td>
<td>Marta Jordao, Freiburg</td>
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<td>9:20–9:40</td>
<td>Retinal imaging in EAE for translational neuroprotection studies</td>
<td>Philipp Albrecht, Düsseldorf</td>
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<td>9:40–10:00</td>
<td>Diffusion tensor imaging of the visual system in EAE</td>
<td>Sven Schippling, Zürich</td>
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<td>10:00–10:20</td>
<td>Translation EAE to Optic Neuritis: Unsuspected effects of 4-Aminopyridine</td>
<td>Michael Dietrich, Düsseldorf</td>
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<td>10:20–10:50</td>
<td>Coffee break</td>
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<td>10:50–11:10</td>
<td>Retinal imaging in neurodegenerative models</td>
<td>Janos Groh, Würzburg</td>
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<td>11:10–11:30</td>
<td>Preclinical models for retinopathies and their application in translational research</td>
<td>Mathias Seeliger, Tübingen</td>
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Glaucoma
Chairs: Ted Garway-Heath, Elmar Pinkhardt

11:30–11:50  Insights from preclinical models for glaucoma and retinal ganglion cell damage  
Dietmar Fischer, Düsseldorf

11:50–12:10  An overview on the diagnostic criteria and procedures as well as therapeutic options for glaucoma  
Ted Garway Heath, London

12:10–13:10  Lunch

Hereditary optic neuropathies
Chairs: Piero Barboni, Patrick Yu Wai Man

13:10–13:30  Preclinical models of hereditary optic neuropathies  
Bernd Wissinger, Tübingen

13:30–13:50  Diagnostic approaches to hereditary optic neuropathies  
Piero Barboni, Milan

13:50–14:20  Coffee break

14:30–14:50  Therapeutic options for hereditary optic neuropathies  
Patrick Yu Wai Man, Cambridge

14:50–15:10  The APOSTEL recommendations for reporting of OCT studies  
Philipp Albrecht, Düsseldorf
INVITED SPEAKERS

Aktas, Orhan – Düsseldorf
Albrecht, Philipp – Düsseldorf
Balk, Lisanne – Amsterdam
Barboni, Piero – Milan
Diem, Ricarda – Heidelberg
Dietrich, Michael – Düsseldorf
Dysli, Chantal – Bern
Fischer, Dietmar – Düsseldorf
Frederiksen, Jette Lautrup – Kopenhagen
Gabilondo, Inigo – Bilbao
Garway Heath, Ted – London
Groh, Janos – Würzburg
Guthoff, Rainer – Düsseldorf
Hartung, Hans-Peter – Düsseldorf
Havla, Joachim – München
Jordao, Marta – Freiburg
Knier, Benjamin – München
Lagrèze, Wolf – Freiburg
Lee, John-Ih – Düsseldorf
Leocani, Letizia – Milan
van Oterendorp, Christian – Göttingen
Paul, Friedemann – Berlin
Pinkhardt, Elmar – Ulm
Ringelstein, Marius – Düsseldorf
Schippling, Sven – Zürich
Seeliger, Mathias – Tübingen
Wilhelm, Helmut – Tübingen
Wissinger, Bernd – Tübingen
Wüllner, Ullrich – Bonn
Yu Wai Man, Patrick – Cambridge
GENERAL INFORMATION

Mission
EUPON inspires European multidisciplinary collaborations to further the knowledge in ophthalmological and neurological optic nerve pathologies.

Vision
To be a European reference and lead international efforts in diagnostic, therapeutic and research strategies involving optic nerve.

Target audience
Ophthalmologists, neurologists, engineers working in biomedicine, orthoptists, optometrists, nurses, medical technicians

CME-Certification
Application for CME-certification pending.

Registration fees (VAT included)
Regular 200,— Euro
Students, PHD candidates, technicians free of charge (student ID required)

Registration fee includes conference documents and catering.

Cancellation Terms
Cancellation has to be submitted in written form to the company jottkaa GmbH.
until 14th March = 50%
from 15th March = no refund

Substitute participants are accepted.

Please register online under www.eupon-2018.com
ORGANIZED BY / VENUE

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Co-organizers:
Wolf Lagrèze, Rainer Guthoff und Orhan Aktas

Venue
University Hospital Düsseldorf / Universitätsklinikum Düsseldorf
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Gebäude 13.55, Hörsaal 13 B
Universitätsstraße 1
40225 Düsseldorf
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