

REGISTRATION

Contact our website:
www.potsdam-meeting.de

The registration deadline is March 18th, 2011.
Cancellation is free of charge until April 1st, 2011.
Thereafter registration fees can not be reimbursed.

CONFERENCE FEES

Fees include accommodation and catering.
Student/graduate/delegate: € 50,-
Post-doc: € 80,-
Faculty: € 100,-

Please pay by voucher cheque or by remittance to the following bank-account:

PRO RETINA-Stiftung
Sparkasse Dachau

BLZ: 700 515 40, Kto.-Nr. 793 27
Ref. "Research-Colloquium 2011"
IBAN: DE5170051540000079327
SWIFT-BIC: bylabem 1dah

ACCOMMODATION & VENUE

The meeting will take place at the conference room of

Seminaris SeeHotel Potsdam ****
An der Pirschheide 40
14471 Potsdam/Germany
Tel: +49(0)331/9090-0 · Fax: +49(0)331/9090-999
Mail: sales-potsdam@seminaris.de
Web: www.seminaris.de

It will start at 13:00 sharp.

A contingent of rooms is reserved for max. 150 participants.
If you are planning to stay elsewhere please let us know.

CONFERENCE LANGUAGE

The conference language is English.

POSTER SESSION

A very important feature of our meeting is the poster session. Submission deadline: March 18th, 2011.
Please find more details on our website:
www.potsdam-meeting.de

HOW TO GET TO THE SEMINARIS SEEHOTEL POTSDAM:

The Seminaris SeeHotel is in the western part of Potsdam, close to the forest of Pirschheide, next to the Templiner See.

Arrival by car:

North: Coming from A 24 (Hamburg/Rostock) continue on to A 10 (Berliner Ring) and then take the exit "Potsdam Nord".

West: Coming from A 2 (Hannover) continue on to A 10 and then take the exit "Groß Kreuz".

South and East: Coming from A 9/A 13/A 12 (Leipzig, Dresden, Frankfurt/Oder) continue on to A 10 and then take the exit "Michendorf".

Within the city borders of Potsdam you will be guided by the hotelguide-system. Coming from the national road B1 there is a private access road directly to the hotel.

Arrival by train:

Mainstation Potsdam, about 5 km (national trains, e.g. ICE-, IC-, EC-Station) or Station "Potsdam Pirschheide", distance 800 m (regional trains, e.g. RE-, N-, S-, and tramway station).

Arrival by plane:

The airports Tegel and Schönefeld are in reach of the hotel (approximately 50 km). From the airport take motorway A 10 "Berliner Ring", exit "Groß Kreuz" South and East (see above "Arrival by car").

Organization of the meeting:

PRO RETINA FOUNDATION

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PRO RETINA FOUNDATION



**7th PRO RETINA
RESEARCH-COLLOQUIUM
POTSDAM**

Retinal Degeneration

Vision and Beyond

An Interdisciplinary Dialogue



Foto: Seminaris-Hotels/Hannemann

April 8th/9th, 2011

Potsdam, Seehotel am Templiner See

supported by **BMBF-Project „HOPE 01GM0850“**

SPONSORED BY THE



HOPE



Federal Ministry
of Education
and Research

INVITATION

The PRO RETINA Foundation Germany announces the 7th International Research Colloquium on Retinal Degeneration to be held April 8. – 9. 2011 in Potsdam, Templiner See. The topic of this meeting focuses on "Vision and Beyond" with the intention to share recent progress on our understanding of degenerative mechanisms in the retina and the restoration of vision loss. As in the past two years, this event is partially supported by the PRO RETINA Foundation and HOPE, a BMBF funded network of clinicians and scientists aiming at advancing research as well as clinical and genetic diagnostics in hereditary retinal disorders.

To intensify the attractiveness of the meeting, the program structure has been further developed towards a mixture of overview presentations from senior experts and lectures presented by junior scientists summarizing brand-new research findings directly off the bench. Two main events feature the keynote lecture on retinal signaling by Prof. Heinz Wässle, Max Planck Institute for Brain Research Frankfurt, Germany, and a plenary lecture by Roderick R. McInnes, Department of Molecular Genetics, University of Montreal, Canada, on inherited photoreceptor degenerations and prospects for their future treatment. On the first day of the meeting, a major point of interest will be on the applications of channelrhodopsins followed on the second day by the role of organelles in retinal degenerations.

As in earlier meetings major attention will be given to the poster session which provides an extended platform for inspiring communications between junior and senior scientists. At this year's meeting we have extended this opportunity and will select six short presentations from submitted abstracts in a separate session. Three presenters will be awarded the ProRetina Poster prize of 200 EUR each.

Once again, it is our great pleasure to extend our cordial invitation to patients, clinicians and basic scientists to join us in Potsdam and to experience yet another inspiring meeting on vision research and beyond.

The organizing committee: Prof. Dr. Klaus Rütger, Prof. Dr. Olaf Strauß, Prof. Dr. Bernhard Weber, Franz Badura

PRO RETINA FOUNDATION



7th PRO RETINA RESEARCH-COLLOQUIUM POTSDAM

PRELIMINARY PROGRAMME

RETINAL DEGENERATION Vision and Beyond

Friday, April 8th 2011

- 13:00–13:05 **Opening remarks:** Franz Badura
(PRO RETINA Foundation, research division)
- 13:05–13:25 **Introduction:** Eberhart Zrenner (Chairman, Scientific Medical Advisory Board), Tübingen: *"Hereditary retinal degeneration – Roadmaps of national and international research"*
- 13:25–13:45 **Spotlight:** Bernd Wissinger, Tübingen: *"HOPE and orphan diseases in Germany"*
- 13:45–14:30 **Opening lecture:** Heinz Wässle, Frankfurt: *"The eye as a window of the brain"*
- 14:30–15:30 **Coffee break with scientific chitchat**
- 15:30–17:30 **Session 1**
Channelrhodopsins: Applications and photochemistry
- 15:30–16:00 Peter Hegemann, Berlin: *"Optogenetic tools for retinal prosthesis"*
- 16:00–16:30 Nir Grossmann, London: *"Engineering optogenetic retinal prosthesis"*
- 16:30–17:00 Botond Roska, Basel: *"Restoring visual function with optogenetic tools"*
- 17:00–17:30 Franz Bartl, Berlin: *"Photochemistry of channelrhodopsins"*

- 17:30–18:00 **Keynote lecture**
Roderick R. McInnes, Montreal: *"Inherited photoreceptor degenerations: Why do the cells die, and what can we do about it?"*
- 18:00 **Dinner**
- 19:30 **Swingin' poster session**

Saturday, April 9th 2011

- 08:30–10:30 **Session 2**
Organelles and retinal degeneration
- 08:30–09:00 Jürgen Kopitz, Heidelberg: *"Lysosomal dysfunction of retinal pigment epithelium contributes to the pathogenesis of age-related macular degeneration"*
- 09:00–09:30 Patrick Dolph, New Haven: *"Endocytosis-mediated cell death in drosophila"*
- 09:30–10:00 Mike Cheetham, London: *"The X-linked retinitis pigmentosa protein RP2 in vesicle traffic and cilia function"*
- 10:00–10:30 Miguel Seabra, London: *"Rab GTPases, membrane traffic and retinal degeneration"*
- 10:30–11:30 **Coffee break**
- 11:30–12:55 **Session 3**
Selected poster presentations and poster awards 2011
- 12:55–13:00 **Concluding remarks**
- 13:00 **Lunch and end of meeting**