

## REGISTRATION

Contact our website:  
[www.potsdam-meeting.de](http://www.potsdam-meeting.de)

The registration deadline is March 15<sup>th</sup>, 2013.  
Cancellation is free of charge until February 15<sup>th</sup>, 2013.  
Thereafter registration fees cannot be reimbursed.

## CONFERENCE FEES

Fees include accommodation and catering.  
Student/graduate/delegate: € 70,-  
Post-doc: € 100,-  
Faculty: € 120,-

Please pay by credit card or by remittance to the following bank-account:

**INTERFACE GMBH & CO. KG**

**Sparkasse Mainfranken**

**BLZ: 790 500 00, Kto.-Nr. 443 482 58**

**Ref. "Research-Colloquium 2013"**

**IBAN: DE 757905 0000 0044 3482 58**

**SWIFT-BIC: BYLADEM 1 SWU**

## 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](mailto:sales-potsdam@seminaris.de)*

*Web: [www.seminaris.de](http://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: February 25<sup>th</sup>, 2013.  
Please find more details on our website:  
[www.potsdam-meeting.de](http://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:

**Interface GmbH  
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**PRO RETINA  
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**8<sup>th</sup> PRO RETINA  
RESEARCH-COLLOQUIUM  
POTSDAM**

# Retinal Degeneration

## Accelerating Progress in Research and Translation

### An Interdisciplinary Dialogue



Foto: Seminaris-Hotels/Hannemann

# March 22<sup>nd</sup>/23<sup>rd</sup>, 2013

## Seminaris SeeHotel Potsdam

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

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Federal Ministry  
of Education  
and Research

## INVITATION

PRO RETINA Germany is pleased to announce the 8<sup>th</sup> International Research Colloquium on Retinal Degeneration to be held in Potsdam at the Templiner See on March 22–23, 2013. The topics of this meeting will focus on accelerating progress in retinal research and rapid translation of findings into patient care. Due to quantum leaps in technological progress and major advances in information technologies, high-throughput approaches to study and treat retinal disease have become feasible. This is bound to accelerate the pace with which our understanding of cellular disease processes will advance. Systems medicine is going to revolutionize the way we anticipate basic and applied research in the future. With the Potsdam meeting 2013 we will highlight some of these new developments which already have found their way into some areas of clinical research in human disease. Learning about those novel concepts may stimulate further and faster progress within the ophthalmic community.

The successful program format of the last ProRetina meetings featuring a well-balanced mixture of presentations from senior experts as well as junior scientists has been maintained for the 2013 meeting. In a first session outstanding young researchers will present an inspiring tableau of topics. In further sessions expert scientists from various medical disciplines have been invited and will inspire an interdisciplinary dialogue about new ways how to study and treat human disease. This is hoped to foster synergies between disciplines and provoke new thinking schemes in translational research.

As in earlier meetings broad attention will be given to the evening poster session which provides an excellent platform for motivating communication in a relaxed atmosphere between junior and senior scientists. We will also carry on with the tradition to award three Pro Retina Poster prizes to young scientist who will have the opportunity to present their findings to the attending audience on Saturday morning.

In continuation of earlier meetings, we hope to attract a mixed audience from a broad range of disciplines to promote discussions and scientific exchange of knowledge and ideas. We therefore cordially invite you, clinicians, clinical and basic scientists and those interested in translational research to join us at the Seminaris Seehotel.

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

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## 8<sup>th</sup> PRO RETINA RESEARCH-COLLOQUIUM POTSDAM

### PRELIMINARY PROGRAMME

## RETINAL DEGENERATION

### Accelerating Progress in Research and Translation

#### Friday, March 22<sup>nd</sup> 2013

- 13:00–13:05 **Welcome remarks**  
Franz Badura (PRO RETINA Foundation, research division)
- 13:05–13:50 **Keynote lecture**  
Gerald Chader, Los Angeles: *RD research: Moving from scientific darkness to the enlightened era of clinical trials*
- 13:50–15:30 Session 1**
- 13:50–14:15 Antje Grosche, Leipzig: *The role of the Müller glia cell in health and disease*
- 14:15–14:40 Volker Busskamp, Boston: *Genetic reactivation of photoreceptors*
- 14:40–15:05 Antje Biesemeier, Tübingen: *Melanin and lipofuscin granules in the RPE and their impact on future therapies*
- 15:05–15:30 Souska Zandi, Genf: *The influence of macrophage polarization on choroidal neovascularization creates novel treatment options*

#### Coffee break with scientific chitchat

- 16:30–18:30 Session 2**
- 16:30–17:00 Ulrich Dirnagl, Berlin: *Failure of bench to bed translation: Lessons learned in stroke research*

- 17:00–17:30 Michael Brandt, Dresden: *Retina regeneration in zebrafish – how do they do it ?*
- 17:30–18:00 Peter Charbel-Issa, Bonn: *Gene therapy – from bench to bedside*
- 18:00–18:30 Bernhard H. F. Weber, Regensburg: *High-throughput analysis in DNA testing*
- 18:30 **Dinner**
- 19:30–open **Swingin' poster session**

#### Saturday, March 23<sup>rd</sup> 2013

- 08:45–10:45 Session 3**
- 08:45–09:15 Peter Westenskow, La Jolla / San Diego: *Emerging therapeutic approaches for AMD*
- 09:15–09:45 Christoph Wierling, Berlin: *Computational tools and mathematical modeling of cellular systems for personalized medicine*
- 09:45–10:15 Heiko Fuchs, Düsseldorf: *Regulating the regulators: microRNA in translational research*
- 10:15–10:45 Linda McCarthy, GlaxoSmithKline, London: *Genome-wide genetic approaches to drug target identification, and drug development support*
- 10:45–11:30 **Coffee break**
- 11:30–12:55 Session 4**
- Selected poster presentation and poster award 2013  
Six poster presentations:  
Three PRO RETINA awardees
- 12:55–13:00 **Concluding remarks**
- 13:00 **Lunch and end of meeting**