



**15th PRO RETINA
RESEARCH-COLLOQUIUM
POTSDAM**

April 09, 2021
VIRTUAL MEETING

Retinal Degeneration

**Update on innovative
approaches**

An interdisciplinary
dialogue

WELCOME

PRELIMINARY PROGRAM

REGISTRATION
FEES

POSTER SESSION

supported by

DFG Deutsche
Forschungsgemeinschaft

WELCOME

Dear friends and distinguished colleagues,

on behalf of PRO RETINA Germany, the organizing team is delighted to welcome you to the **15th International Research Colloquium on Retinal Degeneration** to be held virtually on April 9th, 2021. The meeting concept follows a condensed format with short talks of junior and senior scientists and traditionally starts with eight oral presentations from junior researchers that were selected from submitted abstracts. Thematically, we will focus on precision medicine and innovative model systems for translation research, two areas that have received unprecedented attention in recent years.

Prof. Krzysztof Palczewski from the University of California, Irvine, will give the keynote lecture and introduce the idea of systems pharmacology for acquired and inherited retinal diseases. In this year's two plenary sessions, seven distinguished experts will share their state-of-the-art research results and future perspectives. The colleagues will specifically cover new developments in genetic and pharmacological medicine and highlight technical advances to better model and understand retinal injury and disease.

As we all know the online format has its limitations and will not allow a personal contact and broad scientific exchange we all enjoy during our usual highly esteemed "Swingin' poster session". Still, let's have an unforgettable one-day meeting. PRO RETINA Germany and the organizing team wish you an inspiring and enlightening PRO RETINA Potsdam Symposium 2021.

PRO RETINA Germany, founded in 1977, is a patient organization with a longstanding commitment "to encourage ophthalmic research, to battle disease and to ensure a self-determined life of persons with retinal degeneration" by establishing the PRO RETINA foundation in 1996. In continuation of its many activities in supporting these goals, PRO RETINA Germany also sponsors the Potsdam meeting series since its beginnings in 2005.

The organizing committee:

Franz Badura

Prof. Dr. Klaus Rüther

Prof. Dr. Olaf Strauß

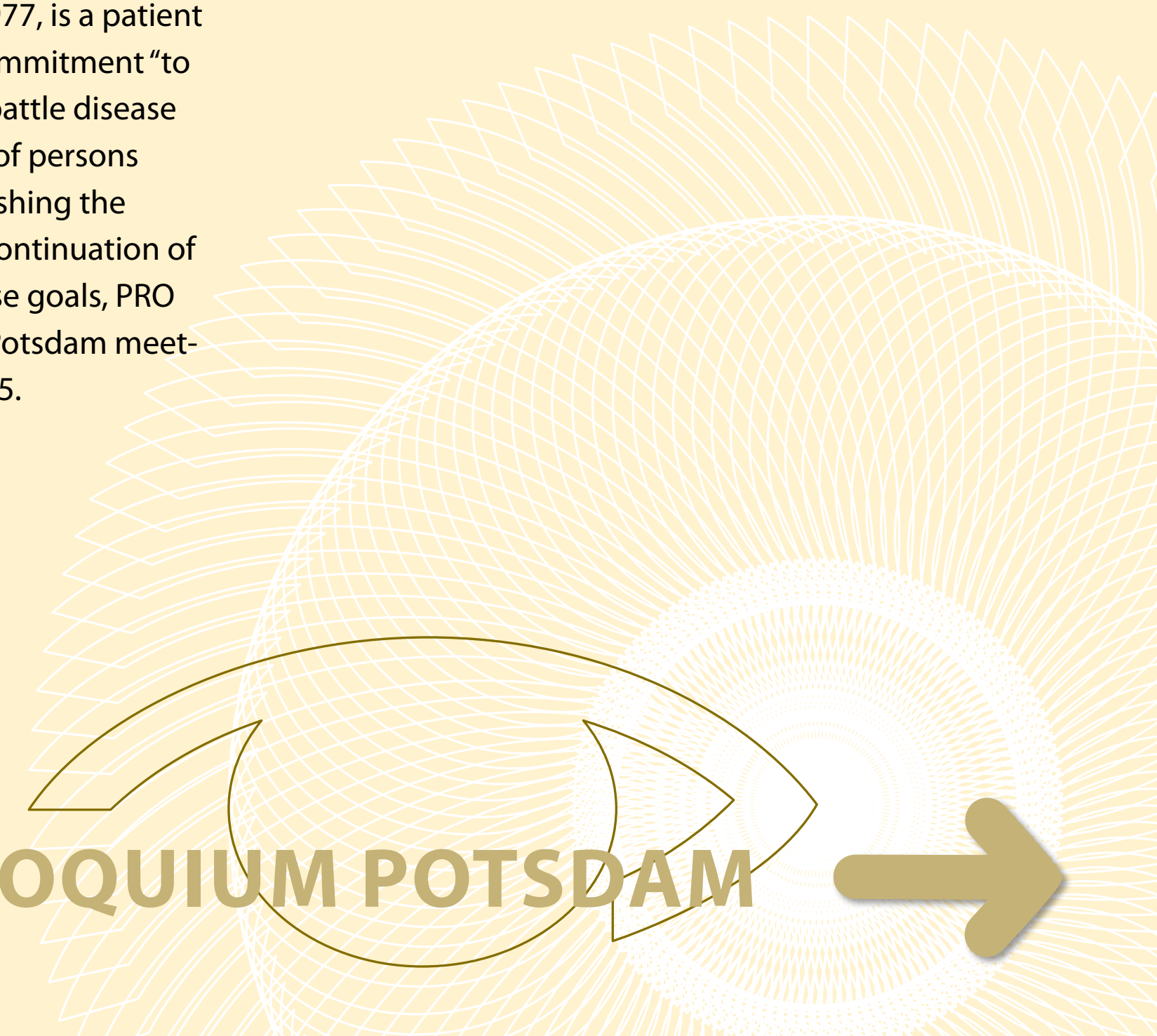
Prof. Dr. Bernhard Weber

Prof. Dr. Peter Charbel-Issa

Prof. Dr. Antje Grosche

Prof. Dr. Thomas Langmann

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Friday, April 09, 2021

14:00-14:05 Welcome remarks
Franz Badura

14:05-14:45 SESSION 1 
Selected Poster Presentations
Eight abstracts to be selected

14:45-15:15 Keynote Lecture
Systems pharmacology for acquired
and inherited retinal diseases
*Krzysztof Palczewski (University of
California, Irvine, USA)*

15:15-16:00 Coffee break – Poster Session I


16:00-16:45 SESSION 2 
**Precision medicine – innovative
approaches**

16:00-16:15 Splicing modulation therapy for
inherited retinal disease using anti-
sense oligonucleotides
*Rob W. J. Collin (Radboud UMC
Nijmegen, The Netherlands)*

16:15-16:30 Gene therapy for RPGR-related RP
– strategy and first results from
a clinical trial
*Yasmina Cehajic-Kapetanovic
(University of Oxford, UK)*

16:30-16:45 Pharmacotherapy for Stargardt
disease
*Hendrik Scholl (Institute of Molecular
and Clinical Ophthalmology Basel –
IOB, Switzerland)*

16:45-17:30 Coffee break – Poster Session II

17:30-18:30 SESSION 3 
**Innovative model systems and
technologies**

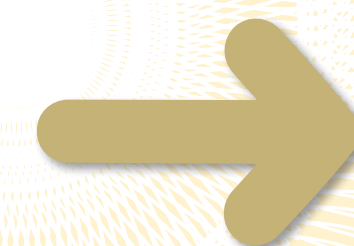
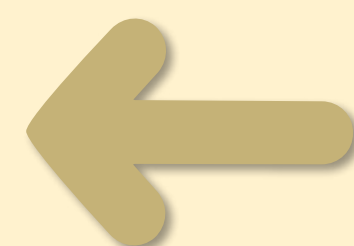
17:30-17:45 An introduction to retinal organoids
*Patricia Berber (University of Regens-
burg, Germany)*

17:45- 18:00 Human retina organoid model for
macular degeneration
Mike Karl (DZNE, Dresden, Germany)

18:00-18:15 Using single cell RNA-seq to investi-
gate retinal injury and disease
*Joshua R. Sanes (Harvard University,
USA)*

18:15-18:30 Transcriptional engineering, epig-
enome editing and epigenetic
screens
*Stefan Stricker (Helmholtz Zentrum
München, Germany)*

18:30-18:45 Concluding remarks
**Announcement of the poster prize
winners**





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REGISTRATION

Follow this link for registration:

[Registration](#)

Registration deadline:

April 06, 2021.

Cancellation is free of charge until
March 31, 2021.

Thereafter registration fees will be
reimbursed by 50%.

The conference language is English.

FEES

Student/graduate/delegate: € 60,-

Post-doc: € 80,-

Faculty: € 100,-

Please pay by credit card or by remittance
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Colloquium 2021

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POSTER SESSION

A very important feature of our meeting is
the poster session.

Abstract submission deadline:

March 19, 2021.

If you register a poster you will get detailed
information by a separate email.

Organization of the meeting

face to face event GmbH

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PRO RETINA Foundation

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