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

PRO RETINA FOUNDATION
15th PRO RETINA RESEARCH-COLLOQUIUM POTSDAM

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PRELIMINARY PROGRAM
Friday, April 09, 2021

14:00-14:05 Welcome remarks
Franz Badura

14:05-14:30 SESSION 1
Selected Poster Presentations
Eight abstracts to be selected

14:30-15:00 Keynote Lecture
Systems pharmacology for acquired and inherited retinal diseases
Krzysztof Palczewski (University of California, Irvine, USA)

15:00-15:45 Coffee break – Poster Session I

15:45-16:30 SESSION 2
Precision medicine – innovative approaches

15:45-16:00 Splicing modulation therapy for inherited retinal disease using antisense oligonucleotides
Rob W. J. Collin (Radboud UMC Nijmegen, The Netherlands)

16:00-16:15 Gene therapy for RPGR-related RP – strategy and first results from a clinical trial
Yasmina Cehajic-Kapetanovic (University of Oxford, UK)

16:15-16:30 Pharmacotherapy for Stargardt disease
Hendrik Scholl (Institute of Molecular and Clinical Ophthalmology Basel – IOB, Switzerland)

16:30-17:15 Coffee break – Poster Session II

17:15-18:15 SESSION 3
Innovative model systems and technologies

17:15-17:30 An introduction to retinal organoids
Patricia Berber (University of Regensburg, Germany)

17:30-17:45 Human retina organoid model for macular degeneration
Mike Karl (DZNE, Dresden, Germany)

18:00-18:15 Transcriptional engineering, epigenome editing and epigenetic screens
Stefan Stricker (Helmholtz Zentrum München, Germany)

18:15-18:30 Concluding remarks
Announcement of the poster prize winners

17:45-18:00 Using single cell RNA-seq to investigate retinal injury and disease
Joshua R. Sanes (Harvard University, USA)
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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,-

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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.

Retinal Degeneration
Update on innovative approaches
An interdisciplinary dialogue

April 09, 2021
VIRTUAL MEETING

WELCOME
PRELIMINARY PROGRAM
REGISTRATION
FEES
POSTER SESSION

Organization of the meeting

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