

## **Friday, March 31<sup>st</sup>, 2023**

### **13:00 – 13:05 Welcome remarks**

Franz Badura (Amberg, Germany)

### **13:05 – 14:30 SESSION 1 - Selected poster presentations**

Eight abstracts to be selected

### **14:30 – 15:10 Keynote lecture - Bart Leroy (Ghent, Belgium)**

Why do clinical trials fail in ophthalmology?

### **15:10 – 16:00 Coffee break with scientific chit-chat**

### **16:00 – 17:30 SESSION 2 „IRD & RP“**

#### **16:00 – 16:30 Knut Stieger (Giessen, Germany)**

Developing tools for genome editing based therapies in IRD

#### **16:30 – 17:00 Christina Zeitz (Paris, France)**

Approaches to discover novel gene defects in progressive inherited retinal disorders

#### **17:00 – 17:30 Carlo Rivolta (Basel, Switzerland)**

Genomics and bioinformatics to identify retinal disease genes

### **17:30 Dinner**

### **19:00 – 19:30 EVENING LECTURE - Bernhard Weber (Regensburg, Germany)**

Know the score – Genetic testing in times of change

### **19:30 – open Swingin' poster session**

## **Saturday, April 01, 2023**

### **09:00 – 10:40 SESSION 3 “Artificial Intelligence in ophthalmology”**

#### **09:00 – 09:25 Ursula Schmidt-Erfurth (Vienna, Austria)**

AI-based Fluid Monitoring in the real-world

#### **09:25 – 09:50 Karsten Kortuem (Munich, Germany)**

How an AI empowered retina clinic will change patient care

#### **09:50 – 10:15 Andreas Maunz (Roche – Basel, Switzerland)**

What makes AI interesting for clinical research and development?

#### **10:15 – 10:40 Katharina Stingl (Tübingen, Germany)**

Chorioretinal atrophies after Luxturna gene therapy

### **10:40 – 11:15 Coffee break**

### **11:15 – 12:55 SESSION 4 “Hot topics in AMD research and clinical translation”**

#### **11:15 – 11:40 Przemyslaw (Mike) Sapieha, (Montreal, Canada)**

Neutrophil extracellular traps target senescent vasculature for tissue remodeling in retinopathy

#### **11:40 – 12:05 Andrew Lotery (Southampton, UK)**

The potential to treat AMD with Complement Factor I

#### **12:05 – 12:30 Natalia Pashkovskaia (Tübingen, Germany)**

Assembloid and microfluidic approaches for in vitro modeling of human retinal diseases

#### **12:30 – 12:55 Olaf Strauss (Berlin, Germany)**

Complement and AMD: Finally a new role of the terminal complement complex?

### **12:55 – 13:00 Concluding remarks**

### **13:00 Farewell Lunch and end of meeting**