

# PROGRAM: THURSDAY APRIL 16<sup>TH</sup>

14.00 Registration

## 16.00–19.00 UNMET NEEDS IN RETINA: PIONEERING SOLUTIONS FOR THE FUTURE

In the upcoming panels, moderators will engage panelists in discussions on areas for improvement in clinical practice related to the topics.

## 16.00–16.30 CUTTING-EDGE VITRECTOMY Innovations in Tools, Techniques & Illumination

Moderators: *Grazia Pertile, Donald D'Amico*

Panel: Colin McCannel, Andreas Stahl, Tommaso Rossi, Daniel Velasco (Alcon), Thomas Bosshard (Örtli), Akhil Ramesh Kumar (Zeiss)

### Presentations:

- Daniel Valasco (Alcon)
- Thomas Bosshard (Örtli)
- Akhil Ramesh Kumar (Zeiss)

## 16.30–17.00 ROBOTICS IN VITREORETINAL SURGERY: ARE WE READY?

Moderators: *Fanny Nerinckx, Koorosh Faridpooya*

Panel: Matthias Becker, Jasmina Kapetanovic, Lyndon da Cruz, Mohammad Nasser, Gerrit Naus (Zeiss), Arnaud Tellier (Acusurgical)

### Presentations:

- **Preceyes Robot (Zeiss)** – Matthias Becker
- **Luca robot (Acusurgical)** – Fanny Nerinckx/Arnaud Tellier
- **Oculotronics robot** – Koorosh Faridpooya
- **Concentric tube robots for RPE cell transplantation** – Lyndon Da Cruz
- **KSEC robot** – Khalid Al Sabti

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### 17.00–17.30 **INNOVATIVE THERAPY AND DRUG DELIVERY** **suprachoroidal, subretinal, PDS**

Moderators: *Ehab El Rayes, David Steel*

Panel: Carl Awh, Shohista Saidkasimova, Armin Wolf, Justin Creel (Genentech), Bruce Beckstein (Medone), Paulo Gaisinho Machado (Zeiss)

- **Suprachoroidal buckles** – Ehab El Rayes
- **PDS** – Carl Awh
- **Subretinal via suprachoroidal for gene therapy** – Justin Creel
- **Suprachoroidal drug delivery** – Bruce Beckstein
- **tba** – Paulo Gaisinho Machado

### 17.45–18.15 **NEXT-GENERATION VISUALIZATION** **Head-Mounted Display and super widefield visualization in Retinal Surgery**

Moderators: *Siegfried Priglinger, Mario Romano*

Panel: Rodolfo Mastropasqua, Anat Lowenstein, Lyubomyr Lytvynchuk, Silvia Tumino (Zeiss), Marc Cirlin (Beyeonics), Lars Risby (Oculus)

#### **Head-Mounted Display (HMD)**

- **Zeiss Visionary HMD** – Silvia Tumino (Zeiss)
- **Beyeonics One HMD** – Marc Cirlin (Beyeonics)
- **Leica HMD** – tba

#### **Widefield visualization**

- **Oculus BIOM® 5** – Lars Risby
- **Aclon Ngenuity 1.5** – tba
- **B&L SeeLuma incl. iOCT** – tba

### 18.15–18.45 **SMART RETINA** **AI FACE-OFF IN MEDICAL RETINA: THREE CASES, THREE ANALYSES** **A case-based comparison of three AI systems interpreting AMD, DME and RVO**

Moderators: *Martin Zinkernagel, Siegfried Priglinger*

Panel: Martin Spitzer, Benedikt Schworm, Carlos Ciller (RetinAI), Corinna zur Bonsen-Thomas (RetInsight), Manuel Opitz (Deepeye), Doug Runt (Zeiss)

- **DeepEye** – Manuel Opitz
- **RetinAI** – Carlos Ciller
- **RetInsight** – Corinna zur Bonsen-Thomas

### 18.45–19.00 Discussion

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### 08.00–12.00 LIVE SURGERY

Internationally renowned surgeons will showcase the intricacies of their surgical techniques during a live procedure from their operating rooms and engage in a panel discussion.

*Moderator: Kourous Rezaei*

- 08.00–10.00 Panel: Grazia Pertile, Francesco Boscia, Alistair Laidlaw, Roxane Hillier, Aman Chandra, Mariantonina Ferrara, Martin Spitzer
- 10.00–12.00 Panel: Nur Acar, Francesco Faraldi, Heinrich Heimann, Rob Henderson, Nicole Eter, David Yorston, Ulrich Bartz-Schmidt
- 08.00–12.00
- **Essen:** Nikolaos Bechrakis
  - **Leuven:** Peter Stalmans
  - **Hong Kong:** Angie Fong
  - **Munich 1:** Siegfried Priglinger, Flavio Rezende
  - **Munich 2:** Vincenzo Ferrara, Siegfried Priglinger
  - **Ferrara:** Marco Mura, [tba](#)
  - **Rome:** Stanislao Rizzo, Tomaso Caporossi
  - **Sulzbach:** Peter Szurman, Boris Stanzel, Karl Boden

### 12.00 –13.00 WHAT'S NEW IN VITREORETINAL DISEASE INTERFACE DISORDERS?

*Moderators: David Steel, Carl Awh*

Panel: Stratos Gotzaridis, Hideyasu Oh, Marcin Stopa, Julian Klaas, Andrea Govetto, Siegfried Priglinger

**ILM-Flap: What's the evidence?** – David Steel

*Panel Discussion*

**Gas-less FTMH Surgery – my technique**

1. Marcin Stopa

2. Stratos Gotzaridis

*Panel Discussion*

**Innovative Approaches for large, persistent macular holes after previous ILM peeling**

• **Macular Lift +/- Platelet Rich Plasma** – Siegfried Priglinger

• **Descemet Membrane** – Marco Mura

*Panel Discussion*

**Pathophysiology and Current Treatment Options of LMHs** – Julian Klaas

*Panel Discussion*

**Macular Pucker – Timing of surgery and biomarkers** – Andrea Govetto

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## 13.00–13.30 FOREVER CHEMICALS AND GREEN HOUSE GASES

Moderators: *Mariantonia Ferrara, Mario Romano*

Panel: *Grazia Pertile, Nik Tzoumas, Stratos Gotzaridis, Ulrich Bartz-Schmidt*

### What do VR Surgeons need to know?

- **EU EYE – EMA overview of the current situation and threats to current practice** – Mario Romano
- **What are the Greenhouse gas effects of fluorinated gases** – Mariantonia Ferrara

### How can we reduce the amount of fluorinated gases used?

- **Suprachoroidal Viscopexie** – Stratos Gotzaridis
- **Which gas is better: SF<sub>6</sub>, C<sub>2</sub>F<sub>6</sub>, C<sub>3</sub>F<sub>6</sub>?** – Nik Tzoumas
- **Do we really need to use gas?** – Grazia Pertile

*Panel Discussion*

13.30–14.30 Lunch

## 14.30–15.20 HOW DO YOU DO IT

Moderator: *Ehab El Rayes*

Panel: *Carlos Mateo, Claus Eckardt, Siegfried Priglinger, Marco Mura, Stratos Gotzaridis, Donald D'Amico, Nicole Eter, Peter Szurman, Jose García Arumí*

## 15.20–15.50 HIGH MYOPIA

Moderators: *Pepe Garcia Arumi, Patricia Udaondo*

Panel: *Carlos Mateo, Şengül Özdek, Marco Mura*

- **Treatment of pediatric high myopia–related macular hole retinal detachment** – Şengül Özdek
- **Management of retinal detachment in high myopic eyes** – Marco Mura
- **Surgical management of high myopic macular holes** – Jose García Arumí
- **Pitfalls in the management of tractional myopic maculopathy** – Carlos Mateo

*Panel Discussion*

## 15:50–16.20 NEW DEVELOPMENTS – START UP SOLUTIONS What's going to change the way we treat our patients?

Moderators: *Siegfried Priglinger, Lyndon Da Cruz*

Panel: *Thomas Wolfensberger, Maurizio Mete, Max Hammer, Bence Gyoergy, Andrea Cusumano*

- **Modern Vitreous Replacement** – Max Hammer
- **Optogenetics** – Bence Gyoergy
- **RPE sheets** – Lyndon Da Cruz
- **Next-Generation Adaptive Optics: A New Horizon for Early Cellular Diagnosis and Advanced Retinal Therapies** – Andrea Cusumano

16.20–17.00 Coffee break

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### 17.00–17.30 GENE THERAPY

Moderators: Bart Leroy, Rob Henderson

Panel: Fanny Nerinckx, Lejla Vajzovic, Siegfried Priglinger, Ulrich Bartz-Schmidt

- **Assessing Outcomes in Gene Therapy: Measures, Limits, and Failures** – Bart Leroy
- **Next-Generation Gene Therapies: What's in Trials and What's Coming Next** – Marco Mura
- **From Hope to Evidence: Long-Term Follow-Up in Pediatric Gene Therapy** – Siegfried Priglinger
- **Surgical Pearls and Pitfalls: What to Do and What to Avoid** – Rob Henderson

*Panel Discussion*

### 17:30–18:00 EVIDENCE BASED TIMING OF RHEGMATOGENOUS RETINAL DETACHMENT

Moderators: Roxane Hillier, David Yorston

Panel: Aman Chandra, Emilia Maggio, Julian Klaas

- **How urgent are RRD** – David Yorston
- **New OCT biomarkers** – Emilia Maggio
- **When is a Macula off detachment off** – Julian Klaas
- **Temporising Vitrectomy** – Aman Chandra

*Panel Discussion*

### 18.00–18.30 TAMPONADE COMPLICATIONS

**Intraoperative and postoperative complications**

Moderators: Grazia Pertile, Thomas Wolfensberger

Panel: Mario Romano, Nicolaos Bechrakis, Yannick Le Mer, Francesco Faraldi

- **Prospective trial on Silicone Oil emulsification** – Mario Romano
- **Silicone Oil related visual loss** – Grazia Pertile
- **PFCL complications** – Thomas Wolfensberger
- **Gas complications** – Francesco Faraldi
- **Densiron Complications** – Nicolaos Bechrakis

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### 08.30–09.50 NEAR LIVE SURGERY

The surgeons will present extended segments of surgical videos with the aim of engaging in detailed discussions on the instrumentation and techniques employed.

*Moderator: Don D'Amico*

Panel: Grazia Pertile, Hideyasu Oh, Colin McCannel, Rodolfo Mastropasqua, Zhao Peiquan, Siegfried Priglinger, José García Arumí, Carlos Mateo, Roxane Hillier, Chien Wong, Rob Henderson

### 09.50–10.40 HOT SEAT VR SURGERY – WHAT WOULD BE YOUR NEXT MOVE?

Through carefully selected, step-by-step surgical video sequences, participants will be taken right into the operating room – facing real-life complications and decision points. At critical moments, the audience will be invited to answer interactive multiple-choice questions: “What would you do now?”

*Moderators: Nikolaos Bechrakis, Heinrich Heimann*

Panel: Lars-Olof Hattenbach, Şengül Özdek, Umberto Lorenzi, Lyubomyr Lytvynchuk

10.40–11.10 Coffee break

### 11.10–11.30 PVR PROPHYLAXIS

*Moderators: Martin Zinkernagel, Boris Stanzel*

Panel: Armin Wolf, Chien Wong, Andreas Stahl

- **Vitreoschisis and its role in PVR** – Koen van Overdam
- **Role of methotrexate in PVR treatment** – Boris Stanzel
- **New proposed PVR staging scheme** – Martin Zinkernagel

### 11.30–12.00 RETINAL DETACHMENT: ONE CASES – DIFFERENT APPROACHES

*How would you do it?*

*Moderators: Roxane Hillier, Shohista Saidkasimova*

Panel: Nicole Eter, Grazia Pertile, Lejla Vajzovic, Fanny Nerinckx

### 12.00–12.30 SCLERAL-FIXATED IOLS MADE SAFER: TIPS AND TRICKS FOR CARLEVALE AND YAMANE TECHNIQUES

*Learning from Experts' Failures: A Video-Based Session on Avoiding Complications*

*Moderators: Francesco Boscia, Fabio Patelli*

Panel: José García Arumí, Fanis Pavlidis, Francesco Boscia, Peter Szurman

- **Carlevalle IOL** – Pepe Garcia Arumi, Francesco Boscia, Fabio Patelli
- **Yamane 25g Technique** – Fanis Pavlidis
- **Yamane** – Shohista Saidkasimova, Peter Szurman
- **Sutured IOL** – Martin Zinkernagel

**IOL Dislocation: Anterior vs Full Vitrectomy?**

*Panel Discussion*

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### 12.30–13.00 AMNION IN VR SURGERY

Moderators: Stanislao Rizzo, Grazia Pertile

Panel: Umberto Lorenzi, Carlos Mateo, Marco Mura, Tomaso Caporossi

- **Introduction** – Grazia Pertile
- **My technique for introducing and unfolding the amniotic membrane** – Stanislao Rizzo

Discussion

- **Macular Hole** – Tomaso Caporossi
- **Macular Hole** – Carlos Mateo

Discussion

- **RD/PVR** – Umberto Lorenzi
- **Post Trauma** – Grazia Pertile

Discussion

13.00–14.00 Lunch

### 14.00–14:20 WHAT TO DO IN HYPOTONY

Moderators: Grazia Pertile, Stratos Gotzaridis

Panel: Peter Szurman, Louisa Wickham

- **Suturing ciliary body** – Grazia Pertile
- **Air in the anterior chamber** – Stratos Gotzaridis
- **Permanent tamponades** – Peter Szurman
- **Visco-Tamponades** – Louisa Wickham

### 14.20–14:50 TUMORS

Moderators: Jens F. Kiilgaard, Nikos Bechrakis

Panel: Rumana Hussain, Siegfried Priglinger, Mario Romano, Marcin Stopa, Paul Foerster

- **Endoresection: When and how to do it – Case presentation**  
Panel Discussion
- **Toxic tumor Syndrom – when does it occur, how do we avoid it**  
Panel Discussion

### 14.50–15.50 WHAT SHOULD WE KNOW ABOUT DR AND DIABETIC Vitrectomy and News

Moderators: Alistair Laidlaw, Nicolas Feltgen

- **Suprachoroidal Surabgene Lomparvovec, GLP-1 receptor agonist, novel glucose-lowering medication** – Lejla Vajzovic
- **Angiofibrotic Switch: Pathology of PDR, role of anti-VEGF** – Focke Ziemssen
- **Benefits and Tricks in Tamponades** – Felicitas Bucher
- **Thresholds and Timing for intervention** – Alistair Laidlaw

#### Surgical Pearls of PDR Surgery – Videos with Panel Discussion

Moderator: Louisa Wickham

Panel: Alistair Laidlaw, Marco Mura, Francesco Boscia, Patricia Udaonda, Andreas Stahl

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## 15.50–16.20 **WHAT I HAVE CHANGED/STOPPED DOING IN MY PRACTICE DURING THE LAST 2 YEARS**

Progress in surgery consists of small or significant changes, sometimes requiring the courage to abandon familiar approaches and introduce new techniques aimed at achieving better outcomes.

*Moderators: Carlos Mateo, Grazia Pertile*

Panel: Diego Ruiz Casas, Fabio Patelli, Pepe Garcia Arumi, Claus Eckardt

## 16.20–17.20 **RETINAWAYS - VITREORETINAL NIGHTMARES**

The moderator will lead the panelists in discussing significant events that occurred during vitreoretinal surgery procedures.

*Moderators: Kourous Rezaei*

Panel: Nur Acar, Roxane Hillier, Siegfried Priglinger, Stanislao Rizzo, Shohista Saidkasimova, Peter Stalmans, Daniele Tognetto

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17.20 Closing Remarks

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