

PROGRAM: THURSDAY APRIL 16TH

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 Management S.A.), Thomas Bosshard (Oertli Instrumente AG), Akhil Ramesh Kumar (Carl Zeiss Meditec AG), Fanis Pavlidis

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

Moderators: *Fanny Nerinckx, Koorosh Faridpooya*

Panel: Matthias Becker, Lyndon da Cruz, Mohammad Nasser, Gerrit Naus (Carl Zeiss Meditec AG), Arnaud Tellier (Acusurgical)

- **Preceyes Robot (Carl Zeiss Meditec AG)** – 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 Surgical, Inc.), Paulo Gaisinho Machado (Carl Zeiss Meditec AG)

- **Suprachoroidal buckles in Retinal detachment** – Shohista Saidkasimova
- **Transconjunctival SCB approach** – Ehab El Rayes
- **PDS** – Carl Awh
- **Subretinal via suprachoroidal for gene therapy** – Justin Creel
- **Suprachoroidal drug delivery** – Bruce Beckstein
- **The importance of volume control in subretinal drug delivery** – 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 Loewenstein, Lyubomyr Lytvynchuk, Silvia Tumino (Carl Zeiss Meditec AG), Marc Cirlin (Beyeonics), Lars Risby (OCULUS Surgical)

Head-Mounted Display (HMD)

- **Zeiss Visionary HMD** – Silvia Tumino (Carl Zeiss Meditec AG)
- **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** – Benedikt Wurm

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 nAMD and Geographic Atrophy**

Moderators: *Martin Zinkernagel, Siegfried Priglinger*

Panel: Martin Spitzer, Benedikt Schworm, Carlos Ciller (RetinAI), Oliver Leingang (RetInSight GmbH), Manuel Opitz (Deepeye), Doug Runt (Carl Zeiss Meditec AG)

- **DeepEye** – Manuel Opitz
- **RetinAI** – Carlos Ciller
- **RetInSight GmbH** – Oliver Leingang

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, Mariantonia Ferrara, Martin Spitzer

10.00–12.00 Panel: Nur Acar, Francesco Faraldi, Heinrich Heimann, Rob Henderson, Nicole Eter, David Yorston, Ulrich Bartz-Schmidt

- **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

Coffee and refreshments will be available from 10:00 AM. Please feel free to help yourself at your convenience. The session in the main hall will continue without interruption.

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, 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: SF₆, C₂F₆, C₃F₆?** – David Steel
- **Usage of multi-dose ocular gas to reduce environmental impact and PFAS use** – Peter Stalmans
- **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, Stratos Gotzaridis, Donald D'Amico, Nicole Eter, Jose García Arumí

15.20–15.50 HIGH MYOPIA

Moderators: Jose 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, 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

19.30

Social Event at Augustiner-Keller Munich (incl. Shuttle)

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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: Donald 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
- **Proteomics and PVR: Can We Predict Re-Detachment Before It Happens?** – Tommaso Rossi
- **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: Shohista Saidkasimova, Fabio Patelli

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

- **Carlevale IOL** – Jose Garcia Arumi, Francesco Boscia, Fabio Patelli
- **When Carlevale Gets Difficult: Surgical Rescue Techniques** – Lars Hattenbach
- **Yamane 25g Technique** – Fanis Pavlidis
- **Yamane** – Shohista Saidkasimova, Peter Szurman
- **Sutured IOL** – Martin Zinkernagel

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IOL Dislocation: Anterior vs Full Vitrectomy?

Panel Discussion

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

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Surgical Pearls of PDR Surgery – Videos with Panel Discussion

Moderator: Louisa Wickham

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

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, Jose Garcia Arumi, Claus Eckardt

16.20–17.20 RETINAWS – VITREORETINAL NIGHTMARES

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

Moderators: Kourous Rezaei

Panel: Nur Acar, Madina Farziyeva, Roxane Hillier, Marco Mura, Fanis Pavlidis, Siegfried Priglinger, Stanislao Rizzo, Shohista Saidkasimova, Peter Szurman, Daniele Tognetto

17.20 Closing Remarks
