



# MILANO RETINA MEETING

**24-25  
JUNE  
2022**

***Honorary Presidents:***

Prof. Nicola Orzalesi, Prof. Roberto Ratiglia

***Presidents:*** Prof. Giovanni Staurenghi, Prof. Luca Rossetti

***Vice Presidents:*** Prof. Francesco Bandello, Prof. Claudio Azzolini

***Organizer:*** Dr. Fabio Patelli

***Scientific Program Chairs:***

Prof. Francesco Viola, Prof. Mario Romano, Dr. Matteo Cereda

***Scientific Secretariat:*** Dr. Tommaso Nuzzo, Dr. Leonardo Colombo

**Università  
degli Studi  
di Milano**

**Via Festa del Perdono, 7**

**PRELIMINARY PROGRAM**

Friday June 24th

**MAIN ROOM****8.00-12.30:****LIVE SURGERY FROM BARCELONA, BRUSSELS, ATHENS, MILAN****Moderators from operatory theatre:** Donald J. D'Amico, Grazia Pertile**Surgeons:** Khalid Al-Sabti, Ernesto Bali, Alessandro Bianchi, Francesco Boscia, Matteo Cereda, Paolo Chelazzi, José García-Arumí, Stratos Gotzaridis, Alberto La Mantia, Giuseppe Lo Giudice, Cesare Mariotti, Carlos Mateo, Andrea Mercanti, Virgilio Morales-Cantòn, Fabio Patelli, Petros Petrou, Paolo Radice, Thanos Vakalis**Panel 1: President:** Mario Romano, **Panelists:** Francesco Barca, Stefano Ciaccia**Panel 2: President:** Vincenzo Ferrara, **Panelists:** Guido Prigione, Sandro Di Simplicio**12.30-13.30:****SESSION I - PROS AND CONS OF INTRAOCULAR DEVICES: DYES, SILICONE OIL, GAS, PERFLUOROCARBON, WITH INDUSTRIES EXPERTS****President:** Lyndon Da Cruz**Moderator:** Mario Romano**Corporate Speakers:** Jana D'Amato Tothova (Alchimia), Hamadi El-Ayar (Fluoron), Claudio Bucolo (Alfa Intes), Antonio Boccardi (BVI)**13.30-14.00: LUNCH BREAK****14.00:15.15:****SESSION II - GENE THERAPIES FOR RETINAL DYSTROPHIES****President:** Francesca Simonelli**Moderators:** Leonardo Colombo, Anna Paola Salvetti**Panel:** Maurizio Battaglia Parodi, Robert MacLaren, Bart Leroy, Isabelle Audo, Vittoria Murro14.00-14.15 **Gene therapy for retinal diseases** Robert MacLaren

- 14.15-14.25 ***Gene therapy for RPE65-related IRD; development and clinical experience***  
Bart Leroy
- 14.25-14.35 ***Antisense oligonucleotide, a new therapeutic approach*** Isabelle Audo
- 14.35-14.45 ***Large gene delivery to the retina for therapy of USH1B and Stargardt disease***  
Alberto Auricchio
- 14.45-15.15 ***Clinical cases*** Leonardo Colombo, Anna Paola Salvetti

**15.15-15.45 KEYNOTE LECTURE**

***Unanswered questions in macular surgery*** Donald J. D'Amico

**15.45-17.30:**

**SESSION III - AMD AND ARTIFICIAL INTELLIGENCE**

***President:*** Donald J. D'Amico

***Moderators:*** Francesco Bandello, Giovanni Staurenghi

***Panel:*** Alfredo Pece, Ugo Introini, Stela Vujosevic, Giuseppe Fasolino, Suber Huang

- 15.45-15.55 ***Clinically applicable deep-learning automated segmentation of OCT for the detection and monitoring of geographic atrophy*** Konstantinos Balaskas
- 15.55-16.03 ***Artificial intelligence for retina: evolution or revolution?*** Suber Huang
- 16.03-16.11 ***Ethic of Artificial Intelligence*** Paolo Nucci
- 16.11-16.21 ***Imaging classification and new treatments in GA (APELLIS)*** Giovanni Staurenghi
- 16.21-16.29 ***Photobiomodulation for dry AMD*** Giuseppe Querques
- 16.29-16.37 ***Risuteganib for the treatment of Intermediate Dry Macular Degeneration***  
Hugo Quiroz-Mercado
- 16.37-16.45 ***New widefield single scan 23 mm navigated swept source OCT for imaging the peripheral vitreoretinal interface and neuroretina: technology, cases and correlation with historical reference histopathology*** Paulo Eduardo Stanga
- 16.45-16.53 ***New target in intravitreal treatments*** Francesco Viola
- 16.53-17.01 ***Safety Results of ONS-5010, an ophthalmic bevacizumab, in treated eyes of patients with wet AMD, DME, and BRVO*** Suber Huang
- 17.01-17.06 ***Brolucizumab: cons...*** Ugo Introini
- 17.06-17.11 ***...and pros*** Alfredo Pece
- 17.11-17.30 Discussion

17.30-18.45:

**SESSION IV - DIABETIC RETINOPATHY****President:** Francesco Bandello**Moderators:** Rosangela Lattanzio, Francesco Faraldi**Panel:** Tarek Hassan, Hugo Quiroz-Mercado

- 17.30-17.40 ***An optical coherence tomography-based grading of diabetic maculopathy: ESASO consensus*** Francesco Bandello
- 17.40-17.50 ***Emerging Therapies for Diabetic Retinopathy*** Suber Huang
- 17.50-17.58 ***Subthreshold laser in DME*** Stela Vujosevic
- 17.58-18.06 ***Intravitreal injections vs laser in proliferative diabetic retinopathy***  
Sandro Saviano
- 18.06-18.14 ***Early vitrectomy for PDR*** Tarek Hassan
- 18.14-18.22 ***Diabetic macular edema and cataract: the rationale for a combined treatment approach with Dexamethasone implant*** Stela Vujosevic
- 18.22-18.45 Discussion

**ROOM 201**

12.30-13.30:

SYMPOSIUM


 Roche
**IMPACT OF ANTI VEGF THERAPIES AND FUTURE PERSPECTIVES****Chair:** Francesco Viola

- 12.30-12.45 ***Addressing the unmet need for longer-acting therapies for nAMD and DME***  
Mariacristina Parravano
- 12.45-12.50 **Q&A**
- 12.50-13.05 ***Advancing our understanding of the angiotensin pathway: The role of Ang-2 in vascular instability*** Marco Lupidi
- 13.05-13.10 **Q&A**
- 13.10-13.25 ***Innovation in nAMD: surgeon's skills for optimal patient outcomes with anti VEGF continuous delivery*** Carl Awh
- 13.25-13.30 **Q&A**

14.00-15.15:

**RETINA CLINICAL CASES**

**Cases:** Alessandro Invernizzi, Francesco Viola

**Panel:** Luca Migliavacca, Marco Nassisi, Maria Cristina Savastano, Paolo Milani, Amedeo Massacesi

15.45-17.15:

**SESSION V – PRESENT AND FUTURE OF EYE SURGERY**

**President:** Cesare Mariotti

**Moderators:** Daniele Tognetto, Matteo Cereda

**Panel:** Claudio Panico, Vincenzo Ferrara, Marc de Smet

15.45-15.55 **Eye robotic surgery: myth or reality?** Jean-Pierre Hubschman

15.55-16.03 **A novel micro-surgical robot: preliminary feasibility test in ophthalmic field** Alfonso Savastano

16.03-16.13 **Robotic surgery: future is here** Koorosh Faridpooya

16.13-16.23 **Reflux free subretinal delivery - Why robotics is the future of retinal gene therapy** Marc de Smet

16.23-16.31 **IMT telescope for severe Dry AMD** Fabio Patelli

16.31-16.39 **Vision surgical system for low vision, IOL Kn** Leonardo Colombo

16.39-16.47 **Optimizing the performance of 3D surgical platforms** David Chow

16.47-17.15 Discussion

17.15-17.45:

**VIDEO PRESENTATION COMPETITION UNDER 40**

**President:** Michele Coppola

**Moderator:** Tommaso Nuzzo

**Panel:** Luca Biraghi, Elisa Carini

17.45-18.45:

**RESIDENTS CASE PRESENTATION**

**President:** Martina Angi

**Moderator:** Marco Pellegrini

**Panel:** Giuseppe Casalino, Giuseppe Fasolino

**ROOM 208**

**12.30-13.30:  
SPONSORED SYMPOSIUM**

**ROOM TBA**

**15.15-18.15:  
SPONSORED WET LAB (only for residents)**

## Saturday June 25th

### MAIN ROOM

**8.00-09.00:**

#### **SESSION VI - RETINATECH WITH PHYSICIANS AND COMPANY ENGINEERS**

**President:** Tommaso Rossi

**Panel:** David Chow, Carl Awh, Stanislao Rizzo, James Burckhardt (DORC), Paul Hallen, Thomas Bosshard (Oertli), Lionel Jouet (B+L)

**9.00-10.00:**

#### **SESSION VII - PEDIATRIC RETINA SURGERY**

**President:** Paolo Nucci

**Moderators:** Philip J. Ferrone, Grazia Pertile

**Panel:** Ehab El-Rayes, Marco Mura

09.00-09.10 **Management of pediatric RD in pediatric genetic syndromes** Ehab El-Rayes

09.10-09.20 **Stickler Syndrome** Philip J. Ferrone

09.20-09.30 **Surgical treatment of ROP** Marco Mura

09.30-09.40 **Optic pit maculopathy in children** Grazia Pertile

09.40-10.00 Discussion

**10.00-10.20:**

#### **KEYNOTE LECTURE**

10.00-10.20 **Past, present and future of artificial retina** Stanislao Rizzo

**10.20-11.30:**

#### **SESSION VIII - NEW FRONTIERS IN RETINAL DISEASES**

**President:** Stanislao Rizzo

**Moderator:** Steven Schwartz

**Panel:** Hugo Quiroz-Mercado, Lyndon Da Cruz, Matteo Cereda

10.20-10.30 **Regenerative approaches to macular disease** Steven Schwartz

10.30-10.38 **RPE transplantation from self to stem cells** Lyndon Da Cruz



- 10.38-10.48 ***A view into the latest landscape for AAV gene therapies in retinal diseases. The history, evolution & current status of the gene therapy business*** Ram Palanki
- 10.48-10.56 ***Gene Therapy as a biofactory for retinal diseases: update on RGX-314 and ADVM 022*** Dante Pieramici
- 10.56-11.04 ***Retinal prosthetic implants: is macula replacement possible?*** Lyndon Da Cruz
- 11.04-11.12 ***Cellular senescence as a target for retinal diseases: age-related macular degeneration and diabetic retinopathy*** Dante Pieramici
- 11.12-11.30 Discussion

**11.30-13.30:****SESSION IX - NEWS IN RETINA SURGERY*****President:*** Donald J. D'Amico***Moderators:*** Marco Codenotti, Fabio Patelli***Panel:*** Luca Rossetti, Carl Awh

- 11.30-11.38 ***Glaucoma after vitrectomy*** Luca Rossetti
- 11.38-11.46 ***Liophylized amniotic membrane patch (LAMPatch) in retinal detachment surgery*** Mario Saravia
- 11.46-11.54 ***Transcleral approach to subretinal space during retinal detachment surgery*** Khalid Al Sabti
- 11.54-12.02 ***A new method and device for membrane peeling without forceps*** Carl Awh
- 12.02-12.10 ***Comparison between conventional ILM peeling vs Foveal sparing in macular hole surgery. Microperimetry analysis*** Virgilio Morales-Cantòn
- 12.10-12.18 ***Clinical classification of myopic tractional maculopathy*** Giacomo Panozzo
- 12.18-12.26 ***Surgical management of myopic tractional maculopathy*** José García-Arumí
- 12.26-12.34 ***Twenty-three gauge hypersonic vitrectomy: real-world surgical evidence***  
Luigi Caretti
- 12.34-12.42 ***Port delivery system for anti-VEGF therapy: surgical skills*** Carl Awh
- 12.42-12.50 ***New OCT findings as prognostic factors for macular hole*** Andrea Govetto
- 12.50-13.30 Discussion



ROOM 201

08.00-09.00:

SYMPOSIUM  Bayer

**THE PATIENT JOURNEY IN NEOVASCULAR AMD, FROM DIAGNOSIS TO LAST INJECTION**

**Moderators:** Prof. Francesco Viola

- 8.00-8.10 **Characterization of neovascular age-related macular degeneration subtypes to optimize treatment outcomes** Giovanni Staurenghi
- 8.10-8.15 **Q&A**
- 8.15-8.25 **Optimal application of aflibercept treatment: treat and extend from RCT to real life** Stela Vujosevic
- 8.25-8.30 **Q&A**
- 8.30-8.40 **Anti-VEGF treatment in action: findings from the FRB!** Alessandro Invernizzi
- 8.40-8.45 **Q&A**
- 8.45-8.55 **Suspending treatment in cases of futility** Francesco Bandello
- 8.55-9.00 **Q&A**

09.00-10.30:

**SESSION X - ENDOPHTHALMITIS AND UVEITIS IN 21ST CENTURY**

**President:** José García-Arumí

**Moderators:** Francesco Viola, Ernesto Bali

**Panel:** Matteo Cereda, Tarek Hassan, Athanasios Nikolakopoulos, Sandro Di Simplicio

- 09.00-09.07 **Ozone-based oculo prophylaxis: a “broad spectrum opportunity”**  
Alfonso Savastano
- 09.07-09.15 **The future of surgical sterility...is NOW** Tarek Hassan
- 09.15-09.25 **Surgical management of endophthalmitis** José García-Arumí
- 09.25-09.32 **Risk and management of intravitreal inflammation with brolucizumab**  
Francesco Boscia
- 09.32-09.40 **The jungle of viral retinitis: diagnostic and therapeutic challenge**  
Elisabetta Miserocchi

- 09.40-09.48 ***Intraocular lymphoma and other pseudovitreitis*** Marco Pellegrini  
 09.48-09.56 ***Intraocular tumor biopsy: why and how?*** Martina Angi  
 09.56-10.30 Discussion

**10.30-12.30:****SESSION XI - MANAGEMENT OF CATARACT SURGERY COMPLICATIONS - *Speeches in italian (simultaneous translation)*****President:** Paolo Arpa**Moderators:** Paolo Radice, Antonio Scialdone**Panel:** Enrico Giacomotti, Paolo Chelazzi, Stefano De Cillà, Massimo De Micheli

- 10.30-10.38 ***Venflon™- assisted sutureless scleral fixation of three-piece intraocular lenses: an alternative surgical approach*** Paolo Radice  
 10.38-10.46 ***Iris-clow technique*** Matteo Forlini  
 10.46-10.54 ***Multifocal lenses and macular surgery*** Guido Prigione  
 10.54-11.02 ***Scleral fixated Carlevalle IOL: the ultimate solution*** Stratos Gotzaridis  
 11.02-11.10 ***Facovitrectomy for acute glaucoma: timing and technique*** Antonio Scialdone  
 11.10-11.18 ***Management of IVT iatrogenic cataract*** Tommaso Nuzzo  
 11.18-11.26 ***How to manage cataract surgery complications*** Vincenzo Ferrara  
 11.26-11.34 ***When cataract surgery has a high risk of vitrectomy*** Luca Ventre  
 11.34-12.30 Discussion

**ROOM 208****09.00-10.00:****RETINAWS** Kourous Rezaei**ROOM TBA****09.00-12.00:****SPONSORED WET LAB** (only for residents)