



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

SPEAKERS

ITALIAN SPEAKERS

Martina Angi
Paolo Arpa
Alberto Auricchio
Claudio Azzolini
Francesco Bandello
Francesco Barca
Maurizio Battaglia Parodi
Alessandro Bianchi
Luca Biraghi
Francesco Boscia
Luigi Caretti
Elisa Carini
Giuseppe Casalino
Matteo Cereda
Paolo Chelazzi
Stefano Ciaccia
Marco Codenotti
Leonardo Colombo
Michele Coppola
Stefano De Cillà
Massimo De Micheli
Francesco Faraldi
Vincenzo Ferrara
Matteo Forlini
Enrico Giacomotti
Andrea Govetto
Ugo Introini
Alessandro Invernizzi
Alberto La Mantia
Rosangela Lattanzio
Giuseppe Lo Giudice
Marco Lupidi
Cesare Mariotti
Amedeo Massacesi
Andrea Mercanti
Maurizio Mete
Luca Migliavacca
Paolo Milani
Elisabetta Miserocchi

Marco Mura
Vittoria Murro
Marco Nassisi
Paolo Nucci
Tommaso Nuzzo
Nicola Orzalesi
Claudio Panico
Giacomo Panozzo
Fabio Patelli
Alfredo Pece
Marco Pellegrini
Grazia Pertile
Guido Prigione
Giuseppe Querques
Paolo Radice
Roberto Ratiglia
Stanislao Rizzo
Mario Romano
Luca Rossetti
Tommaso Rossi
Anna Paola Salvetti
Alfonso Savastano
Maria Cristina Savastano
Sandro Saviano
Antonio Scialdone
Francesca Simonelli
Giovanni Staurenghi
Daniele Tognetto
Luca Ventre
Francesco Viola
Stela Vujosevic

INTERNATIONAL SPEAKERS

Khalid Al-Sabti *Kuwait*
Isabelle Audo *France*
Carl Awh *USA*
Konstantinos Balaskas *UK*
Ernesto Bali *Belgium*
David Chow *Canada*

Donald J. D'Amico *USA*
Lyndon Da Cruz *UK*
Marc de Smet *Switzerland*
Sandro Di Simplicio *UK*
Ehab El-Rayes *Egypt*
Koorosh Faridpooya *The Netherlands*
Giuseppe Fasolino *Belgium*
Philip J. Ferrone *USA*
José García-Arumí *Spain*
Stratos Gotzaridis *Greece*
Tarek Hassan *USA*
Suber Huang *USA*
Jean-Pierre Hubschman *USA*
Jasmina Kapetanovic *UK*
Bart Leroy *Belgium*
Derrick Li *USA*
Carlos Mateo *Spain*
Virgilio Morales Cantón *Mexico*
Athanasios Nikolakopoulos *Greece*
Petros Petrou *Greece*
Dante Pieramici *USA*
Hugo Quiroz-Mercado *Mexico*
Kourous Rezaei *USA*
Mario Saravia *Argentina*
Steven Schwartz *USA*
Paulo Eduardo Stanga *UK*
Thanos Vakalis *Greece*

CORPORATE SPEAKERS

Antonio Boccardi *Italy*
Thomas Bosshard *Switzerland*
Claudio Bucolo *Italy*
James Burckhardt *UK*
Jana D'Amato Tothova *Italy*
Hamadi El-Ayar *Germany*
Paul Hallen *USA*
Ram Palanki *USA*
Asael Papour *France*
Wim Rosenquist *The Netherlands*

PRELIMINARY PROGRAM

Friday June 24th

MAIN ROOM

Central European Time (CET)

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 Simpicio

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), James Burckhardt (DORC)

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, Jasmina Kapetanovic, Bart Leroy, Isabelle Audo, Vittoria Murro

14.00-14.15 **Gene therapy for retinal diseases** Jasmina Kapetanovic

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  Bayer

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

Moderators: Prof. Francesco Viola

- 12.30-12.40 ***Characterization of neovascular age-related macular degeneration subtypes to optimize treatment outcomes*** Giovanni Staurenghi
- 12.40-12.45 **Q&A**
- 12.45-12.55 ***Optimal application of aflibercept treatment: treat and extend from RCT to real life*** Stela Vujosevic
- 12.55-13.00 **Q&A**
- 13.00-13.10 ***Anti-VEGF treatment in action: findings from the FRB!*** Alessandro Invernizzi
- 13.10-13.15 **Q&A**
- 13.15-13.25 ***Suspending treatment in cases of futility*** Francesco Bandello
- 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 Smet15.45-15.55 ***Eye robotic surgery: myth or reality?*** Jean-Pierre Hubschman15.55-16.03 ***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:

SYMPOSIUM **Alcon**MANAGING COMMON AND COMPLEX PATHOLOGIES
WITH INNOVATIVE SMALL GAUGE TECHNOLOGY**Moderator:** David Chow

- 12.30-12.35 **Welcome & Introduction** David Chow
- 12.35-12.50 **Managing 'Retinal Detachment' with dual-blade cutters in 27G surgery** Marco Mura
- 12.50-13.05 **Advantages of beveled cutters in complex 'Diabetic Retinopathy' surgery**
Sandro Di Simplicio
- 13.05-13.20 **How to approach 'Macular Surgery' with the newest advancements:
Improved functionality & ergonomics** Claudio Panico
- 13.20-13.30 **Has 25G surgery become new standard for VR procedures?** Panel Discussion

ROOM 1

14.00-18.15:

WET LAB **Alcon**
(only for residents)

- 14.00-16.00 GROUP A - **Teachers:** Paolo Chelazzi, Tommaso Nuzzo
- 16.15-18.15 GROUP B - **Teachers:** Guido Prigione, Stefano Ciaccia

Saturday June 25th

MAIN ROOM

Central European Time (CET)

8.00-09.00:

SESSION VI - RETINATECH WITH PHYSICIANS AND COMPANY ENGINEERS

President: Tommaso Rossi

Panel: David Chow, Carl Awh, Stanislao Rizzo, Wim Rosenquist (DORC), Paul Hallen (Alcon), Thomas Bosshard (Oertli), Asael Papour (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 ADVIM 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
- 11.12-11.20 ***Capital raising in economic turmoil: the current investment landscape for healthcare innovations***by Derrick Li
- 11.20-11.28 ***The role of Ang-2 in vascular instability*** Marco Lupidi

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

09.00-10.30:

SESSION X - ENDOPHTHALMITIS AND UVEITIS IN 21ST CENTURY

President: José García-Arumí**Moderators:** Francesco Viola, Virgilio Morales-Cantòn**Panel:** Matteo Cereda, Tarek Hassan, Athanasios Nikolakopoulos, Sandro Di Simplicio09.00-09.07 ***Risk and management of intravitreal inflammation with brolocizumab***

Francesco Boscia

09.07-09.14 ***Ozone-based ocular prophylaxis: a “broad spectrum opportunity”***

Alfonso Savastano

09.14-09.22 ***The future of surgical sterility...is NOW*** Tarek Hassan09.22-09.32 ***Surgical management of endophthalmitis*** José García-Arumí09.32-09.40 ***The jungle of viral retinitis: diagnostic and therapeutic challenge***

Elisabetta Miserocchi

09.40-09.48 ***Intraocular lymphoma and other pseudovitreitis*** Marco Pellegrini09.48-09.56 ***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 Micheli10.30-10.38 ***Venflon™- assisted sutureless scleral fixation of three-piece intraocular lenses: an alternative surgical approach*** Paolo Radice10.38-10.46 ***Iris-claw technique*** Matteo Forlini10.46-10.54 ***Multifocal lenses and macular surgery*** Maurizio Mete10.54-11.02 ***Scleral fixated Carlevale IOL: the ultimate solution*** Stratos Gotzaridis11.02-11.10 ***Facovitrectomy for acute glaucoma: timing and technique*** Antonio Scialdone11.10-11.18 ***Management of IVT iatrogenic cataract*** Tommaso Nuzzo11.18-11.26 ***How to manage cataract surgery complications*** Vincenzo Ferrara11.26-11.34 ***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

Panel: Ernesto Bali, Francesco Boscia, Vincenzo Ferrara, Stratos Gotzaridis, Marco Mura, Fabio Patelli, Grazia Pertile, Ehab El Rayes, Mario Saravia, Daniele Tognetto

ROOM 1

09.00-13.15:

WET LAB **Alcon**
(only for residents)

09.00-11.00 GROUP C - **Teachers:** Alessandro Bianchi, Luca Biraghi
11.15-13.15 GROUP D - **Teachers:** Andrea Govetto, Elisa Carini

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**24-25
JUNE
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