

6-9 June
2019

FLORetina

Florence Retina Meeting

2 0 1 9

FLORENCE
Italy

FINAL PROGRAM

FLORetina 2019

Florence Retina Meeting

6-9 June 2019

FLORENCE - Italy

UNDER THE PATRONAGE OF:



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Dear Friends and Colleagues,

we are pleased to welcome you for the third edition of **FLORetina - Florence Retina Meeting**.

In 2017, the second edition reached more than 2000 delegates plus corporate, ending up with more than 2600 participants to the event that make FLORetina the biggest retina meeting unrelated to a Society Event. While in the first edition in 2015 the attendance was about 1000 participants, in 2017 the result has doubled. The 2017 program examined all the important issues in both fields of medical and surgical retina. An innovative format for medical and surgical retinologists: separate in the morning, together in the afternoon, and lunch with sponsors.

For this third edition, afternoon Main Sessions will be based on themes of common interest in both medical and surgical retina and focused only on strictly innovative arguments.

MEDICAL RETINA AND IMAGING

The Sessions of Medical Retina and Imaging will be full-time on Friday, Saturday and Sunday morning in parallel with surgical sessions. Highly representative opinion leaders will deepen the focus on drugs' choice and treatment regimen, challenging cases treatment and diagnostic new tools with recent technologies.

SURGICAL RETINA

Top Surgeons from all over the world for the first time will be connected through satellite or streaming on the same multiscreen in the Auditorium in Florence together with surgeries held in Careggi Hospital.

We have settled up a **FLORetina Surgical International Network - FLORsin** with operating rooms in the American,



African and Asian and European continents where international surgeons will perform their surgeries.

With the evolution of the surgical procedures, it's now necessary to specify all the instrumentation used during the surgery. Therefore everything used by the surgeons will be projected on the screen.

CONSENSUS IN SCIENCE

The participation of the listed speakers and the presence of experts from all over the world will allow the production of consensus on treatments, treatment strategies and prognostic values of diagnostic techniques.

Interactivity will be increased between speakers, moderators and participants through the App that will allow active involvement of the attendees.

Best Regards,

Stanislao Rizzo

Francesco Faraldi

Carl Claes

José García-Arumí

Kourous A. Rezaei

Ramin Tadayoni

Albert Augustin

Ehab EL Rayes

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Albert Augustin - Karlsruhe (Germany)
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SCIENTIFIC SECRETARIAT

Daniela Bacherini - Florence (Italy)
Andrea Giorni - Florence (Italy)
Alfonso Savastano - Florence (Italy)
Dario Mucciolo - Florence (Italy)

SPEAKERS

Massimo Accorinti, ITALY
Rupesh Agrawal, SINGAPORE
Khalid Al Sabii, KUWAIT
Sofia Androudi, GREECE
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J. Fernando Arevalo, USA
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Francine Behar Cohen, SWITZERLAND
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Maria Berrocal, MEXICO
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Ilaria Biagini, ITALY
Susanne Binder, AUSTRIA
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Susan Bressler, USA
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Jonathan Brugger, USA
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Antonio Jr. Capone, USA
Tomaso Caporossi, ITALY
Luigi Caretti, ITALY
Matteo Giuseppe Cereda, ITALY

Steve Charles, USA
Paolo Chelini, ITALY
Marzio Chizzolini, ITALY
David Chow, CANADA
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Luca Cimino, ITALY
Laura Cinelli, ITALY
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Carl Claes, BELGIUM
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Enrica Convento, ITALY
Michele Coppola, ITALY
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Bertil Damato, UNITED KINGDOM
Romano Danesi, ITALY
Stefano De Cilla, ITALY
Vito De Malfetta, ITALY
Francesca De Rossi, ITALY
Marc De Smet, SWITZERLAND
François Devin, FRANCE
Felipe Dhawahir-Scala, UNITED KINGDOM
Rosa Dolz-Marco, SPAIN
Dilva Drago, ITALY
Chiara Eandi, ITALY
Claus Eckardt, GERMANY
Ehab El Rayes, EGYPT
Bruno Falcomatà, ITALY
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Koorosh Faridpooya, THE NETHERLANDS

Alessandro Farini, ITALY
Vincenzo Ferrara, ITALY
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Tito Fiore, ITALY
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Fabrizio Giansanti, ITALY
Giampaolo Gini, ITALY
Matteo Giuntoli, ITALY
Stratos Gotzaridis, GREECE
Giuseppe Guarnaccia, SWITZERLAND
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Vinod Kumar, INDIA

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Mauricio Maia, BRAZIL
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Cesare Mariotti, ITALY
Rodolfo Mastropasqua, ITALY
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Cinzia Mazzini, ITALY
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Angelo Minnella, ITALY
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Virgilio Morales-Canton, MEXICO
Hassan Mortada, EGYPT
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Manish Nagpal, INDIA
Sundaran Natarajan, INDIA
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Mariacristina Parravano, ITALY
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Alfredo Pece, ITALY
Enrico Peiretti, ITALY
Grazia Pertile, ITALY
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PROGRAM OVERVIEW

Day/Time	Room	AUDITORIUM	ROOM VERDE	ROOM ONICE	ROOM 9	ROOM 6	ROOM 4	SIMULATION ROOM	ROOM 101
Thursday 6	13:00 - 14:00	ADVANCED IMAGING by YORIS	FREE PAPERS SURGICAL 1	FREE PAPERS MEDICAL 1				DRY LAB OFTALMEDICA	
	14:00 - 15:00	FOCUS ON OCT-A by SIR							
	15:00 - 16:00	ESASO: SUBMACULAR TREATMENTS	LIVE SURGERY Kuwait City: Al Sabti K., Chow D., El Rayes E. Maia A. Memphis: Charles S. Mexico City: Morales Canton V., Berracal M.	INTRAOCULAR TOXICITY COURSE					DRY LAB OFTALMEDICA
	16:00 - 16:30	COFFEE BREAK			COFFEE BREAK				
	16:30 - 17:30	MYOPIA		NURSE COURSE					
	17:30 - 18:30	DIABETIC MACULAR EDEMA							
	18:30 - 19:00		TRAUMA COURSE						

Day/Time	Room	AUDITORIUM	ROOM VERDE	ROOM ONICE	ROOM 9	ROOM 6	ROOM 4	SIMULATION ROOM	ROOM 101	
Friday 7	08:00 - 08:15	LIVE SURGERY	VASCULAR RETINAL DISEASES	INHERITED RETINAL DISEASES		WET LAB DORC		DRY LAB OFTALMEDICA		
	08:15 - 09:00	Florence:								
	09:00 - 09:15	Coppola M., Boscia F., Caporossi T., Mateo C., Mura M., Priglinger S., Pertile G., Tadayoni R., Parolini B., Mariotti C.	VISION ACADEMY	LOW VISION						
	09:15 - 10:00	Tel Aviv: Barak A. Kuwait City: Kadosono K., EL Rayes E., Oshima Y. Sulzbach: Szurman P.			COFFEE BREAK					
	10:00 - 11:00		OMIKRON Diabetic Retinopathy: evidences of topical treatment with Neuroprotective agents in eye drops	BAYER Aflibercept in macular diseases: shape the difference	OFFHEALTH Macular edema: the role of inflammation	WET LAB DORC	VEDI VISION What's new in retinal imaging	DRY LAB OFTALMEDICA	WET LAB HOYA	
	11:00 - 12:00		DIABETIC RETINOPATHY	BASIC RESEARCH						
	12:00 - 13:00	3D RETINAWA	MACULOPATHIES: PACHYCHOROID	PEDIATRIC SURGICAL RETINA ADVANCED COURSE						
	13:00 - 14:00	LUNCH								
		ALCON Advanced Solution to Enhance the Vitreoretinal Procedure	NOVARTIS It's RIVAL time	NIDEK New Frontiers in Retinal Imaging: OCT Angiography and Multimodal Integrated Evaluation	BAUSCH+LOMB Micronutrients and benefits of supplementation for reducing the risk of retinopathies progression	WET LAB DORC	GEUDER Sharing experiences in the application of innovative vitreoretinal liquids	DRY LAB OFTALMEDICA	WET LAB HOYA	
	14:00 - 15:00	RETINAL DETACHMENT								
15:00 - 15:55	WET AMD by ASRS									
15:55 - 16:15	FUTURE PERSPECTIVES IN OPHTHALMOLOGY Bausch + Lomb, Bayer, Dorc, Carl Zeiss									
16:15 - 16:45	COFFEE BREAK									
16:45 - 17:35	PEDIATRIC RETINA					WET LAB DORC		DRY LAB OFTALMEDICA		
17:35 - 18:20	INNOVATIONS									
18:20 - 19:00	IT IS TIME FOR THE AGE OF ROBOTS?									

Room		AUDITORIUM	ROOM VERDE	ROOM ONICE	ROOM 9	ROOM 6	ROOM 4	SIMULATION ROOM	ROOM 101	
Saturday 8	Day/Time									
	08:00 - 09:00	LIVE SURGERY Florence: Rizzo S., Patelli F., Ball E., Garcia Arumi J., Caretti L., Eckardt C., Claes C., Lanzetta P., Tognetto D. Athens: Sabrosa N.A., Nagpal M., Gotzaridis S., Vakalis T., Georgalas I. Lugano: Pournaras J.A.	AMD: NEW DIAGNOSTIC AND TREATMENT STRATEGIES	RETINAL DETACHMENT ADVANCED COURSE				DRY LAB OFTALMEDICA	WET LAB HOYA	
	09:00 - 09:10									
	09:10 - 10:00		ENDOPHTHALMITIS							
	10:00 - 11:00		COFFEE BREAK							
			NOVARTIS Fluid control in Wet AMD	SIFI DME patients real life experience with Fluocinolone Acetonide from both sides of the Atlantic	MILOFTALMICA Adaptive Optics				DRY LAB OFTALMEDICA	WET LAB HOYA
	11:00 - 12:00	TUMORS	FREE PAPERS SURGICAL 2							
	12:00 - 13:00	HOW DO I DO IT: 3D VIDEO PANEL	UVETIS							
	13:00 - 14:00	LUNCH								
			ALLERGAN Treating DME: Recommendations from the Experts	ZEISS Innovation in Retinal Diagnosis	BAUSCH+LOMB Transforming Retinal Surgery Through Pioneering Technology	ALFA INTES Innovation in Vitreoretinal Surgery: a new molecule of Blue	OXURION Update on Ocriclasmin Real World Evidence in Italy	SECOND SIGHT The Standard Of Care For Retinitis Pigmentosa: The Epi-Retinal Prosthesis System	DRY LAB OFTALMEDICA	WET LAB HOYA
	14:00 - 15:00	PROLIFERATIVE DIABETIC RETINOPATHY		AIORAO COURSE Instrumental Semeiotics for Retinal Disease						
	15:00 - 16:00	MACULAR HOLE								
	16:00 - 16:15	FUTURE PERSPECTIVES IN OPHTHALMOLOGY Alcon, Allergan Novartis								
	16:15 - 16:40	COFFEE BREAK								
16:40 - 17:20	DRY AMD by EURETINA							DRY LAB OFTALMEDICA		
17:20 - 18:00	ARTIFICIAL INTELLIGENCE									
18:00 - 19:00	IMAGING									

Room		AUDITORIUM	ROOM VERDE	ROOM ONICE	ROOM 9	ROOM 6	ROOM 4	SIMULATION ROOM	ROOM 101
Sunday 9	Day/Time								
	08:00 - 09:30		FREE PAPERS SURGICAL 3	FREE PAPERS MEDICAL 2					WET LAB HOYA
	09:30 - 10:00	ADVANCED SURGICAL COURSE: VITREORETINAL TECHNOLOGIES							
	10:00 - 10:40	ADVANCED SURGICAL COURSE: MACULAR SURGERY by GIVRE							
	10:40 - 12:15								
12:15 - 13:00	EXTREME SURGERY COURSE								

13:00 - 15:00 FREE PAPERS - SURGICAL 1

ROOM VERDE

CHAIRS: *Garcia-Arumi J., Hassan T., Moisseiev J., Steel D.*
see page 40 for the detailed session

13:00 - 15:00 FREE PAPERS - MEDICAL 1

ROOM ONICE

CHAIRS: *Bressler S., Brucker A., Loewenstein A., Viola F.*
see page 42 for the detailed session

13:00 - 14:00 ADVANCED IMAGING by YORIS

AUDITORIUM

CHAIRS: *Loewenstein A., Lumbroso B., Singh R.*

- 13:00 Variations of choroidal thickness in neovascularization. *Lumbroso B.*
- 13:05 Imaging of retinal structures: seeing it up close with Adaptive Optics. *Kim J.E.*
- 13:10 The role of electrophysiology in the assessment of retinal function. *Huang S.*
- 13:15 Multimodal imaging in wet AMD: fibrocellular vs fibrovascular phenotypes. *Querques G.*
- 13:20 *Discussion*
- 13:25 Metabolic studies in AMD. *Borrelli E.*
- 13:30 Clinicopathologic correlation of geographic atrophy secondary to age-related macular degeneration. *Dolz-Marco R.*
- 13:35 Multimodal imaging in sickle cell retinopathy and incontinentia pigmenti. *Liu A.*
- 13:40 OCTA and multimodal integrated evaluation in macular holes: new biomarkers of surgical outcome? *Bacherini D.*
- 13:45 Iris vessel changes assessed with OCTA in episcleral surgery for retinal detachment. *Mastropasqua R.*
- 13:50 iOCT in gene therapy. *Neubauer J.*
- 13:55 *Discussion*



14:00 - 15:00 FOCUS ON OCT-A by SIR



CHAIRS: *Mariotti C., Midena E.*

- 14:00 Early AMD: novel functional biomarkers and their correlation with systemic risk factors. *Minnella A.*
- 14:05 Quantitative optical coherence tomography angiography biomarkers for neovascular age-related macular degeneration in remission. *Lupidi M.*
- 14:10 Choriocapillaris flow voids and outer retinal tubulations in geographic atrophy. *Zweifel S.*
- 14:15 *Discussion*
- 14:20 Update on OCT angiography in retinal vascular diseases. *Schwartz S.G.*
- 14:25 OCT-A in diabetic retinopathy. *Battaglia Parodi M.*
- 14:30 Distinguish diabetic macular edema from capillary non perfusion using two different OCTA devices. *Parravano C.*
- 14:35 *Discussion*
- 14:40 Multimodal imaging in hydroxychloroquine toxicity. *Pilotto E.*
- 14:45 Multimodal imaging of tamoxifen retinopathy focusing on OCT angiographic findings. *Yoon Y.H.*
- 14:50 OCT-A in Uveitis. *Androudi S.*
- 14:55 *Discussion*

15:00 - 16:00 ESASO: Submacular treatments break through our real life clinic

AUDITORIUM

CHAIRS: *Battaglia-Parodi M., Corcóstegui B., Falcomatà B., Guarnaccia G.*

- 15:00 State of the art of inherited retinal dystrophies treatment. *Richard G.*
- 15:08 Indications and evaluation of patients for gene or stem cell therapy. *Brucker A.*
- 15:16 Surgical procedure for submacular delivery gene or stem cells therapy. *Pertile G.*
- 15:24 Update on retinal prosthesis: indications, surgical procedure and results. *Patelli F.*
- 15:32 Digitally enhanced video assisted surgery for submacular procedure. *Devin F.*
- 15:40 Use of ROCK inhibitors to prevent photoreceptor-bipolar synaptic disjunction after retinal detachment. *Zarbin M.*
- 15:48 *Discussion*



Associated to



15:00 - 16:00 INTRAOCULAR TOXICITY COURSE

ROOM ONICE

CHAIRS: *Pastor Jimeno J.C., Romano M.*

- 15:00 A worrisome problem: the toxicity of perfluorocarbons liquids. *Coco Martin R.*
- 15:10 What do we know about the retinal toxicity of vital dyes? *Januschowsky K.*
- 15:20 How to recognize a case of acute intraocular toxicity. *Pastor Jimeno J.C.*
- 15:30 What do we need to look at in the choice of intraocular compounds? *Romano M.*
- 15:40 Can also irrigating solutions and expandable gases be sources of intra-surgical toxicity? *Spitzer M.*
- 15:50 *Discussion*

15:00 - 18:30 LIVE SURGERY

ROOM VERDE

CHAIRS FROM ROOM VERDE

D'Amico D.J., Dhawahir-Scala F., Rezaei K., Rossi T., Steel D.

CHAIRS FROM ORs

Kuwait City: *Al Sabti K., EL Rayes E.*

Memphis: *Brugger J.*

Mexico City: *Fromow J.*

SURGEONS

Kuwait City: *Al Sabti K., Chow D., EL Rayes E., Maia A.*

Memphis: *Charles S.*

Mexico City: *Morales Canton V., Berrocal M.*

16:00 - 16:30 COFFEE BREAK

16:30 - 17:30 MYOPIA

AUDITORIUM

CHAIRS: *Figueroa M., Parolini B., Williamson T.*

- 16:30 Natural history of serous retinal detachment in dome-shaped macula. *Viola F.*
- 16:35 OCTA in myopic CNVs. *Pece A.*
- 16:40 Pathology of the VMI in myopic foveoschisis. *Schumann R.G.*
- 16:45 *Discussion*
- 16:50 Pearls an tricks dealing with myopic foveoschisis. *Mateo C.*

- 16:55 Myopic traction maculopathy and lamellar holes. *Figueroa M.*
 17:00 Macular buckle. *van Meurs J.*
 17:05 *Discussion*
 17:10 Outcome of ILM inverted flaps and ILM peeling to the edge of the posterior staphyloma in myopic macular hole retinal detachment. *Mortada H.*
 17:15 Myopic rhegmatogenous retinal detachment and macular schisis. *Williamson T.*
 17:20 Autologous retina graft for high myopic macular holes. *Terasaki H.*
 17:25 *Discussion*

17:30 - 19:00 DIABETIC MACULAR EDEMA

AUDITORIUM

CHAIRS: *Bressler S., Brucker A., Lanzetta P., Zweifel S.*

- 17:30 Do baseline systemic factors affect treatment outcomes in DME and diabetic retinopathy? *Singh R.*
 17:35 Factors that affect vision or anatomic outcomes when treating DME - what we have learned in the DRCR.net. *Bressler S.*
 17:40 The Role of Inflammation in diabetic macular edema. *Kupperman B.*
 17:45 *Discussion*
 17:50 One-Year results of using a treat-and-extend regimen without a loading phase with anti-VEGF agents in patients with treatment-naive diabetic macular edema. *Wolf S.*
 17:55 Diabetic macular edema surgery: failure is the only option. *D'Amico D.J.*
 18:00 Faricimab (RG7716) for DME: update on phase 2 BOULEVARD study results. *Regillo C.D.*
 18:05 *Discussion*
 18:10 A Phase I/II safety and efficacy study of Anti-PLGF THR-317 in diabetic macular edema. *Loewenstein A.*
 18:15 Subthreshold micropulse laser in diabetic macular edema: how it really works. *Midena E.*
 18:20 New drugs in pipeline for DME. *Boscia F.*
 18:25 *Discussion*
 18:30 Panel cases discussant. *Kupperman B., Singh R.*

18:30 - 19:00 TRAUMA COURSE

ROOM VERDE

CHAIR: *Claes C.*

SPEAKERS: *Bali E., Hassan T., Kulikov A., Malachkova N., Mortada H., Mura M., Quiroz-Mercado H., Rezaei K., Gini G.*

08:00 - 12:00 LIVE SURGERY

AUDITORIUM

CHAIRS FROM AUDITORIUM

Azzolini C., Binder S., De Molfetta V., Hassan T., Romano M.

CHAIRS FROM ORs

Florence: *D'Amico D.J., Dhawahir-Scala F., Rezaei K., Steel D.*

Kuwait City: *Al Sabti K., Chow D.*

SURGEONS

Florence: *Coppola M., Boscia F., Caporossi T. Mateo C., Mura M., Priglinger S., Pertile G., Tadayoni R., Parolini B., Mariotti C.*

Tel Aviv: *Barak A.*

Kuwait City: *Kadonosono K., EL Rayes E., Oshima Y.*

Sulzbach: *Szurman P.*

08:00 - 09:00 VASCULAR RETINAL DISEASES

ROOM VERDE

CHAIRS: *Arevalo F., Friberg T., Lowenstein A., Parravano M.*

08:00 Retinal vein occlusions: update on treatment options. *Loewenstein A.*

08:05 Neuroprotection for retinal diseases. *Kupperman B.*

08:10 Reversal of retinal ischemia after anti-VEGF therapy. *Friberg T.*

08:15 *Discussion*

08:20 Steroids in retinal vein occlusions. *De Smet M.*

08:25 Detection of retinal arterial microemboli after transcatheter aortic valve Implantation using SS-OCTA. *Zweifel S.*

08:30 Radial Peripapillary Capillary (RPC) plexus vascular study in patients affected by Arteritic Ischemic Optic Neuritis (AION): new OCTA diagnostic signs. *Pierro L.*

08:35 *Discussion*

08:40 Sick cells maculopathy: new findings. *Viola F.*

08:45 Imaging and treatment of MacTel type 1. *Nicolò M.*

- 08:50 New Findings in MacTel2. *Spaide R.F.*
 08:55 *Discussion*

08:15 - 09:15 INHERITED RETINAL DISEASES

ROOM ONICE

CHAIRS: *Da Cruz L., MacLaren R., Simonelli F., Sodi A.*

- 08:15 Retinal dystrophies diagnosis. *Murro V.*
 08:20 Cone degeneration in retinitis pigmentosa: mechanisms and therapeutic strategies. *Falsini B.*
 08:25 Precision genome surgery for imprecise medicine. *Tsang S.*
 08:30 *Discussion*
 08:40 RPE65-gene therapy: our experience *Simonelli F.*
 08:45 Gene therapy for choroideremia. *MacLaren R.*
 08:50 Inhibition of retinal detachment-induced photoreceptor-bipolar cell synaptic disjunction with rho kinase inhibitors: potential impact on subretinal surgery for gene, cell-based, and retinal prosthesis therapy. *Zarbin M.*
 08:55 Surgical issues in retinal dystrophies. *Barca F.*
 09:00 *Discussion*

09:00 - 10:00 VISION ACADEMY

ROOM VERDE

CHAIRS: *Bandello F., Yoon Y.H.*

- 09:00 What Vision Academy is. *Loewenstein A.*
 09:05 Management of submacular hemorrhage: surgery. *Figueroa M.*
 09:10 Management of submacular hemorrhage: anti-VEGF. *Gale R.*
 09:15 Management of submacular hemorrhage: viewpoint from the VA. *Behar Cohen F.*
 09:20 Treatment futility. Anti-VEGF treatment should be stopped when benefits are no longer expected. YES. *Viola F.*
 09:25 Treatment futility. Anti-VEGF treatment should be stopped when benefits are no longer expected. NO. *Koh A.*
 09:30 Treatment futility. Anti-VEGF treatment should be stopped when benefits are no longer expected. Viewpoint from the VA. *Wong D.*
 09:35 Optimal treatment regimen with anti-VEGF. Proactive. *Wolf S.*

- 09:40 Optimal treatment regimen with anti-VEGF. Reactive. *Bandello F.*
09:45 Optimal treatment regimen with anti-VEGF. Viewpoint from the VA. *Lanzetta P.*
09:50 *Discussion*

09:15 - 10:00 LOW VISION

ROOM ONICE

CHAIRS: *Huang S., Lam L., Richard G.*

- 09:15 Quality of life measurement in low vision patients. *Virgili G.*
09:20 Reading with a central deep scotoma. *Giacomelli G.*
09:25 Reading Aids for Central Low vision. *Volpe R.*
09:30 *Discussion*
09:35 Contrast sensitivity, light and low vision. *Farini A.*
09:40 Latest advances in technology in vision rehabilitation. *Lam L.*
09:45 Limitations of artificial vision - Retinachip. *Richard G.*
09:50 *Discussion*

10:00 - 11:00 COFFEE BREAK

10:00 - 11:00 DIABETIC RETINOPATHY: EVIDENCES OF TOPICAL TREATMENT WITH NEUROPROTECTIVE AGENTS IN EYE DROPS

ROOM VERDE

CHAIRS: *García-Arumí J., Loewenstein A., Sesti G.*

- 10:00 The pathogenesis of diabetic retinopathy. *Sesti G.*
10:15 Neuroprotection: a link between glaucoma and CNS degenerative disease. *Manni G.*
10:30 Neuroprotective effects of topical citicoline in models of retinal neurodegeneration. *Bandello F.*
10:45 First results of RCT in diabetic retinopathy: the first topical treatment to slow down retinal damage. *Parravano M.*



10:00 - 11:00 AFLIBERCEPT IN MACULAR DISEASES: SHAPE THE DIFFERENCE



ROOM ONICE

- 10.00 Recent advance in DME treatment. *Midena E.*
- 10.15 Proactive dosing. *Bandello F.*
- 10.30 Aflibercept durability in retina pathologies. *Fornasari D.*
- 10.45 *Discussion*

10:00 - 11:00 MACULAR EDEMA: THE ROLE OF INFLAMMATION



ROOM 9

- 10:00 Applications of OCT angiography in retinal edema. *Introini U.*
- 10:15 Macular edema: a final common pathway of different retinal diseases. *Bacherini D.*
- 10:30 Epidemiology and classification of uveitis and clinical approach to a patient with uveitis. *Miserocchi E.*
- 10:45 *Discussion*

10:00 - 11:00 WHAT'S NEW IN RETINAL IMAGING



ROOM 4

- 10.10 OCT Angiography: perls and pitfalls. *Lupidi M.*
- 10:20 Swept source versus spectral domain OCT: which are the differences? *Staurenghi G.*
- 10.30 Looking at photoreceptors with a new confocal OCT software. *Faraldi F.*
- 10.40 Radial Peripapillary plexus in diabetes. *Midena E.*
- 10:50 *Discussion*



11:00 - 12:00 DIABETIC RETINOPATHY

ROOM VERDE

CHAIRS: Avitabile T., Bressler N., Bressler S., Virgili G.

- 11:00 Long term evaluation of diabetic retinopathy using OCT-A. *Parravano M.*
- 11:05 Two bangs for one buck: rates of diabetic retinopathy improvement and worsening while treating DME. *Bressler S.*
- 11:10 Clinical highlights of DRCR Network treatment regimen for diabetic macular edema. *Bressler N.*

- 11:15 *Discussion*
- 11:20 Outcomes of anti-VEGF treatment for diabetic macular edema from clinical practice. *Zweifel S.*
- 11:25 Fluocinolone acetonide: real-world data in DME. *Lattanzio R.*
- 11:30 Vitreous hemorrhage in PDR: vitrectomy vs observation with/without anti-VEGF injections. *Moisseiev J.*
- 11:35 *Discussion*
- 11:40 Vitrectomy for DME unresponsive to pharmacologic therapy: is surgery beneficial? *Arevalo J.F.*
- 11:45 Tractional retinal detachment progression after preoperative anti-VEGF treatment: incidence and risk factors. *Avitabile T.*
- 11:50 Pearls for management of complicated proliferative diabetic retinopathy. *Mortada H.*
- 11:55 *Discussion*

11:00 - 12:00 BASIC RESEARCH

ROOM ONICE

CHAIRS: *Augustin A., Behar Cohen F., Eandi C., Siqueira R.*

- 11:00 Macular glial cells: do we know everything? *Behar Cohen F.*
- 11:05 *In vivo* (animal and human) application of histopathology and molecular biology to nAMD, diabetic macular edema, retinal detachment and vitreoretinal interface disorders. *Tosi G.M.*
- 11:10 The role of mitochondrial genetics in age related macular degeneration. *Kupperman B.*
- 11:15 *Discussion*
- 11:20 On phagocytes and macular degeneration. *Eandi C.*
- 11:25 Pharmacological strategies for improving RPE transplant survival in AMD eyes. *Zarbin M.*
- 11:30 Inflammatory retinal biomarkers in clinical models. *Pilotto E.*
- 11:35 *Discussion*
- 11:40 Role of inflammation in retinitis pigmentosa: inflammation markers in the aqueous humour. *Bacherini D.*
- 11:45 The future of cell derived therapies for retinal degenerative disease. *Binder S.*
- 11:50 Role of Muller cells in horizontal gliosis: how to close the large hole. *Romano M.*
- 11:55 *Discussion*

12:00 - 13:00 3D RETINAWAYS**AUDITORIUM**

PANELISTS: Bali E., Devin F., Eckardt C., Figueroa M., Garcia-Arum J., Mura M., Murray T.G., Rezaei K.

12:00 - 13:00 MACULOPATHIES: PACHYCHOROID**ROOM VERDE**

CHAIRS: Behar Cohen F., Brucker A., Spaide R., Staurenghi G.

- 12:00 Update on pachychoroid spectrum disease. *Spaide R.F.*
- 12:05 Going deeper: advances in choroidal imaging. *Staurenghi*
- 12:10 Pachychoroid neovascularopathy: aspect on OCT angiography. *Savastano M.*
- 12:15 Early response to the treatment of CNV complicating central serous retinopathy: an OCT-A study. *Querques G.*
- 12:20. *Discussion*
- 12:25 Risk factors for central serous retinopathy. *Schwartz S.D.*
- 12:30 Multimodal imaging in the diagnosis and treatment of the Polypoidal Choroidal Vasculopathy. *Ciardella A.*
- 12:35 The role of mineralocorticoid receptor antagonists in pachychoroid and choroidal neovascularization.
Behar Cohen F.
- 12:40 Photodynamic therapy for central serous chorioretinopathy. *Eandi C.*
- 12:45 *Discussion*

12:00 - 13:00 PEDIATRIC RETINA ADVANCED COURSE**ROOM ONICE**

CHAIRS: Capone A.J., Claes C., Saravia M., Trese M.

- 12:00 Microvascular analysis of familial exudative vitreoretinopathy using OCT-A. *Capone A.J.*
- 12:05 FEVR surgical treatment. *Barca F.*
- 12:10 Tips for the diagnostic and treatment of Stickler disease. *Corcostegui B.*
- 12:12 *Discussion*
- 12:20 Coats exudative retinal detachment treated with drainage of subretinal fluid, anti-VEGF and wide-field guided laser. *Mastropasqua R.*
- 12:25 Pediatric macular holes. *Ferrone P.*

- 12:30 Long term outcome of combined vitrectomy and extensive ILM peeling in complicated pediatric rhegmatogenous retinal detachments. *Mortada H.*
- 11:35 *Discussion*
- 12:40 Ultra-wide field angiography in the management of Eales disease. *Kumar V. (Floretina L. Barca Award 2017)*
- 12:45 Telemedicine for ROP management. *Trese M.*
- 12:50 Surgery in persistent fetal vasculature. *Saravia M.*
- 12:55 *Discussion*

13:00 - 14:10 LUNCH

13:00 - 14:00 ADVANCED SOLUTION TO ENHANCE THE VITREORETINAL PROCEDURE



AUDITORIUM

MODERATOR: *Boscia F.*

- 13:00 Introduction. *Boscia F.*
- 13:02 Upgrade vitreoretinal surgeries with the advanced capabilities of the surgical equipment. *Claes C.*
- 13:14 Images modes customization to see more and do more: a milestone in 3D digital visualization. *Figueroa M.*
- 13:26 DATAFUSION™ - Full integration of 3D Visualization in your surgical system. *Mura M.*
- 13:38 Leverage a complete vitreoretinal portfolio at every step of the surgery. *Boscia F.*
- 13:50 *Discussion*

13:00 - 14:00 IT'S RIVAL TIME!



ROOM VERDE

- 13:00 Introduction. *Bandello F.*
- 13:05 RIVAL trial: rationale and scientific relevance. *Battaglia Parodi M.*
- 13:20 How evidences on efficacy change after RIVAL? *Vujosevic S.*
- 13:35 Individualized treatment for an optimal outcome. *Nicolò M.*
- 13:50 *Discussion*

**13:00 - 14:00 NEW FRONTIERS IN RETINAL IMAGING: OCT ANGIOGRAPHY
AND MULTIMODAL INTEGRATED EVALUATION**



FRIDAY 7 JUNE

ROOM ONICE

MODERATORS: Schwartz S.D, Staurenghi G.

- 13:00 The importance of multimodal imaging: the new SLO+OCT retinal platform. *Staurenghi G.*
- 13:10 How OCT angiography is changing retina practice: quantitative assessment of the retinal microvasculature. *Schwartz, S.*
- 13:20 New approach in retinal imaging: novel diagnostic biomarkers using OCT-A and multimodal integrated evaluation. *Bacherini D.*
- 13:30 From diagnosis to visual rehabilitation: new applications of MP-3 Microperimeter. *De Rossi F.*
- 13:40 *Discussion*

**13:00 - 14:00 MICRONUTRIENTS AND BENEFITS OF SUPPLEMENTATION
FOR REDUCING THE RISK OF RETINOPATHIES PROGRESSION**

BAUSCH+LOMB

A company of Valeant Pharmaceuticals International, Inc.

ROOM 9

- 13:00 Lecture: Nutritional supplement as therapeutic approach to Dry AMD. *Arrigo A.*
- 13:30 Lecture: Role of micronutrients in the management of exudative maculopathy. *Scuderi G.*

**13:00 - 14:00 SHARING EXPERIENCES IN THE APPLICATION OF INNOVATIVE
VITREORETINAL LIQUIDS**



ROOM 4

CHAIR: Romano M.

- 13:00 Introduction - Value of purity. *Romano M.*
- 13:07 Effects of a silicone oil solving agent on corneal endothelial cells. *Spitzer M.*
- 13:14 Long-term experiences with heavier-than-water dyes in retinal surgery. *Gerding H.*
- 13:21 Silicone oil with extended viscosity in routine surgery. *Bertelli E.*
- 13:28 High viscosity silicone oil with extended viscosity in small gauge surgery. *Chelini P.*
- 13:35 Experiences with heavy silicone oil in retinal surgery. *Parolini B.*
- 13:42 *Discussion*

14:00 - 15:00 RETINAL DETACHMENT

AUDITORIUM

CHAIRS: *Garcia Arumi J., Heimann H., Johnson M.*

- 14:00 29 g directional spotlight - a new chandelier system. *Eckardt C.*
- 14:05 ILM peeling for retinal detachment: should I do it? *Shah G.K.*
- 14:10 Retinal complications of long term silicone oil tamponades. *Friberg T.*
- 14:15 *Discussion*
- 14:20 Vitrectomy vs scleral buckling for primary retinal detachment: where are we today? *D'Amico D.J.*
- 14:25 Simplifying buckling surgery technique. *Corcostegui B.*
- 14:30 Staining in PVR. *Garcia-Arumi J.*
- 14:35 *Discussion*
- 14:40 Only air tamponade in retinal detachment is possible? *Bali E.*
- 14:45 Repair of retinal detachment without vitrectomy adjuncts. *Johnson M.*
- 14:50 Visual acuity recovery after retinal detachment: what can adaptive optics teach us? *Wolfensberger T.*
- 14:55 *Discussion*

15:00 - 15:55 WET AMD by ASRS



AUDITORIUM

CHAIRS: *Ferrone P., Kim J.E., Shah G.*

- 15:00 Treatment regimens for neovascular AMD - where does the evidence point us? *Bressler S.*
- 15:05 Recent Updates from the AREDS2 Study. *Kim J.E.*
- 15:10 Outcomes of anti-VEGF treatment for CNV in fellow eyes of previously treated patients with Wet AMD. *Hassan T.*
- 15:15 *Discussion*
- 15:20 Improving outcomes for patients with intermediate AMD: the role of genetic testing. *Awh C.*
- 15:25 The Port Delivery System with ranibizumab for neovascular AMD: phase 2 LADDER results and phase 3 ARCHWAY study design. *Regillo C.D.*
- 15:30 Anti-VEGF gene therapy for AMD. *Schwartz S.D.*
- 15:35 Challenges in the application of clinical trial results to clinical practice. *Zarbin M.*
- 15:40 *Discussion*

15:55 - 16:15 FUTURE PERSPECTIVES IN OPHTHALMOLOGY**AUDITORIUM**

BAUSCH+LOMB: *Calvin W. Roberts (Senior Vice President, Chief Medical Officer)*

BAYER: *Rafiq Hasan (Global Head of Ophthalmology)*

DORC: *Thierry Leclercq (Chief Executive Officer)*

CARL ZEISS: *Thorsten Tritschler (Director Product Management Ophthalmic Surgery Systems, Medical Technology Business Group)*

16:15 - 16:45 COFFEE BREAK**16:45 - 17:35 PEDIATRIC RETINA****AUDITORIUM**

CHAIRS: *Barca F., Campos E., Capone A., Trese M.*

16:45 Vitreoretinal interface in prematures. *Claes C.*

16:50 Best approaches for pediatric retinal detachments. *Ferrone P.*

16:55 Lensectomy when and how. *Barca F.*

17:00 *Discussion*

17:05 Management of stage 4 ROP in the anti-VEGF era. *Capone A.J.*

17:10 ROP stage 5: do we still have to perform surgery? *Mura M.*

17:15 A developing regenerative therapeutic for retinal vascular disease. *Trese M.*

17:20 Advanced treatment for complex retinoblastoma. *Murray T.G.*

17:30 *Discussion*

17:35 - 18:20 INNOVATIONS**AUDITORIUM**

CHAIRS: *Da Cruz L., van Meurs J.*

17:35 Gene therapy and CRISPR-mediated gene editing. *Huang S.*

17:40 Eye606 non viral gene therapy for non infectious posterior uveitis; result from phase Ib/IIa trial. *Baggage R.*

17:45 Stem cell therapy for maculopathies. *Schwartz S.D.*

17:50 *Discussion*

17:55 LCA Therapy: from fiction to fact. *B. Leroy*

- 18:00 New strategies of treatment of the Stargardt disease. *Simonelli F.*
- 18:05 AR/VR (augmented/virtual reality) devices in patients with advanced AMD or other retinal diseases. *Lam L.*
- 18:10 *Discussion*

18:20 - 19:00 IS IT TIME FOR THE AGE OF ROBOTS?

AUDITORIUM

CHAIRS: *De Smet M., Schwartz S.D., Williams G.*

- 18:20 Robotic surgery as a delivery tool for novel retinal therapies. *Da Cruz L.*
- 18:25 Robotic surgery - Promises, challenges and reality. *De Smet M.*
- 18:30 Performance of robotics in macular pucker surgery - preliminary results of a randomized study. *Faridpooya K.*
- 18:35 *Discussion*
- 18:40 Comparison of robotic and manual surgery for internal limiting membrane peeling. *Maberley D.*
- 18:45 A novel micro-surgical robot: preliminary experiences. *Savastano A.*
- 18:50 Robotics: a means to automate surgery. *Schwartz S.D.*
- 18:55 *Discussion*

08:00 - 12:00 LIVE SURGERY

AUDITORIUM

CHAIRS FROM AUDITORIUM

Arpa P., Berrocal M., Morales Canton V., Nikolakopoulos A., Romano M., Williamson T.

CHAIRS FROM ORs

Florence: D'Amico D.J., Dhawahir-Scala F., Rezaei K., Steel D.

Athens: Gotzaridis S., Parikakis S.

SURGEONS

Florence: Patelli F., Bali E., Garcia Arumi J., Caretti L., Eckardt C., Claes C., Lanzetta P., Tognetto D., Rizzo S.

Athens: Sabrosa N.A., Nagpal M., Gotzaridis S., Vakalis T., Georgalas I.

Lugano: Pourmaras J.A.



Associated to



08:00 - 09:10 AMD: NEW DIAGNOSTIC AND TREATMENT STRATEGIES

ROOM VERDE

CHAIRS: Boscia F., Rosenfeld P.J., Singh R.

08:00 Natural history of subclinical, non-exudative macular neovascularization in AMD. *Rosenfeld P.J.*

08:05 Quantitative vascular density changes in choriocapillaris around CNV after anti-VEGF treatment: dark halo
Rispoli M.

08:10 A Comparison among different automated segmentation algorithms to assess neovascular AMD using swept source optical coherence tomography angiography. *Parravano M.*

08:15 *Discussion*

08:20 Early findings of Type 3 neovascularization with swept-source angio-oct. *Nicolò M.*

08:25 Treat and extend anti-VEGF drugs regimen for neovascular AMD. *Boscia F.*

08:30 Can we achieve quarterly dosing in exudative AMD? *Singh R.*

08:35 *Discussion*

08:40 Bilateral therapeutic response to unilateral anti-VEGF injection in various diseases in neovascular AMD.
Schwartz S.G.

- 08:45 Non-responders to anti-VEGF therapy - How often do we see them? What to do? *Richard G.*
- 08:50 A new form of meta-analysis for ranibizumab and aflibercept dosing. *Spaide R.F.*
- 08:55 *Discussion*

08:00 - 10:00 RETINAL DETACHMENT ADVANCED COURSE

ROOM ONICE

CHAIRS: *Nadal J., Ogura Y., Regillo C., van Meurs J.*

- 08:00 Progression of retinal detachment. *van Meurs J.*
- 08:05 Does the choroid play a role in retinal detachment progression? *Wolfensberger T.*
- 08:10 Muller cells genetic modulation and retinal detachment. *Azzolini C.*
- 08:15 Macular Optical Coherence tomography findings after vitreoretinal surgery for rhegmatogenous retinal detachment. *Coppola M.*
- 08:20 *Discussion*
- 08:25 The role of scleral buckling in primary and complex retinal detachment repair: evidence and personal experience. *Regillo C.D.*
- 08:30 Scleral buckling after LASIK surgery: practical considerations. *Friberg T.*
- 08:35 Using the principle of buckling for retinal detachments in modern ways. *Binder S.*
- 08:40 *Discussion*
- 08:45 Phaco-combined vitrectomy for primary retinal detachment: a consecutive series of 340 cases in an ambulatory surgical center. *Oshima Y.*
- 08:50 Primary retinal detachment: vitrectomy with air tamponade. *Rapizzi E.*
- 08:55 Retinal detachment in Morning Glory Syndrome. *Ferrara V.*
- 09:00 *Discussion*
- 09:05 Safe gas bubble use in RD. *Williamson T.*
- 09:10 Management of intrusion of buckle and recurrent RD. *Soni M.*
- 09:15 Why I use heavy silicone oil? *Mateo C.*
- 09:20 *Discussion*
- 09:25 How PVR surgery is changing. *Nadal J.*
- 09:30 PPV for Rhegmatogenous retinal detachment in uveitis. *Androudi S.*
- 09:35 *Discussion*

09:10 - 10:00 ENDOPHTHALMITIS**ROOM VERDE**

CHAIRS: *Faraldi F., Moisseiev J., Schwartz S.G., Zweifel S.*

- 09:10 Are the EVS guidelines for management of post-operative endophthalmitis still relevant? *Moisseiev J.*
- 09:15 Endophthalmitis treatment: earlier antibiotics, later diagnosis with improved PCR. *van Meurs J.*
- 09:20 Medical and surgical management of fungal endophthalmitis. *Chizzolini M.*
- 09:25 Endogenous endophthalmitis. *Agrawal R.*
- 09:30 *Discussion*
- 09:35 A new potential strategy for a "resistance-free" preoperative prophylaxis. *Franchini I.*
- 09:40 Leader 7 Study: new evidence in medical treatment after ophthalmic surgery. *Bandello F.*
- 09:45 Needles and syringes as sources of silicone oil during intravitreal injection. *Melo G.*
- 09:50 Endophthalmitis after intravitreal anti-VEGF injections: infection rates, prophylaxis, and distinguishing infectious endophthalmitis from non-infectious inflammation. *Schwartz S.G.*
- 09:55 *Discussion*

10:00 - 11:00 COFFEE BREAK**10:00 - 11:00 FLUID CONTROL IN WET AMD****ROOM VERDE**

- 10.00 Pharmacological properties of intravitreal aVEGF agents: focus on innovative molecules. *Danesi R.*
- 10.15 Disease activity assessment as driver of treatment: which parameters? *Viola F.*
- 10.30 How much can we dry the retina? *Stavrenghi G.*
- 10.45 Innovation is on the horizon: new therapies in wAMD. *Danesi R.*

10:00 - 11:00 DME PATIENTS REAL LIFE EXPERIENCE WITH FLUOCINOLONE ACETONIDE FROM BOTH SIDES OF THE ATLANTIC**ROOM ONICE**

MODERATOR: *Bandello F.*

- 10:00 Three years data from Germany with fluocinolone acetonide. *Augustin A.*



- 10:15 Advantage of continuous microdosing: San Raffaele Hospital experience. *Bandello F.*
- 10:30 US real world data with fluocinolone acetonide. *Kim J.*
- 10:45 *Discussion*

10:00 - 11:00 ADAPTIVE OPTICS

MILOFTALMICA

ROOM 9

CHAIRS: *Paques M., Sodi A.*

- 10:00 Clinical applications of adaptive optics ophthalmoscopy in 2019: a constellation of niches. *Paques M.*
- 10:10 Standard clinical procedures for AOO using the rx1 camera: photoreceptor and vessel imaging.
Finocchio L.
- 10:20 Surgical diseases observed by AOO: epiretinal membranes, retinal detachment, macular holes. *Paques M.*
- 10:30 High resolution vascular imaging: static and dynamic. *Castro Farías D.*
- 10:40 Microscopic diagnosis: the example of Fabry's disease. *Sodi A.*
- 10:50 Adaptive optics ophthalmoscopy in arterial hypertension. *Rizzoni D.*

11:00 - 13:00 FREE PAPERS – SURGICAL 2

ROOM ONICE

CHAIRS: *Lesnoni G., Nikolakopoulos A., Panozzo G., Schwart S.D.*

see page 45 for the detailed session

11:00 - 12:00 TUMORS

ROOM VERDE

CHAIRS: *Balestrazzi E. Damato B., Heimann H., Murray T., Wolfensberger T.*

- 11:00 Multimodal imaging in intraocular tumors. *Scupola A.*
- 11:05 Does early treatment of choroidal melanoma have an influence on the rate of metastatic disease?
Heimann H.
- 11:10 Choroidal tumour biopsy. *Damato B.*
- 11:15 *Discussion*
- 11:20 Surgery in ocular tumors (VHL, melanoma, vasoproliferative). *Maia A.*
- 11:25 Role of vitreoretinal surgery in maximizing treatment outcome following complications after proton therapy for uveal melanoma. *Wolfensberger T.*

- 11:30 Clinical outcome after Ru106 Brachytherapy or Gamma Knife radiosurgery in uveal melanoma. *Mazzini C.*
- 11:35 *Discussion*
- 11:40 Prevention and treatment of radiation maculopathy. *Midena E.*
- 11:45 Treatment of exudative retinal vascular malformations. *Mura M.*
- 11:50 Intraocular lymphoma: recognize and treat. *Angi M.*
- 11:55 *Discussion*

12:00 - 13:00 HOW DO I DO IT: 3D VIDEO PANEL

AUDITORIUM

MODERATOR: *EL Rayes E.*

PANELISTS: *Avci R., Chow D., Claes C., Eckardt C., Garcia-Arumi J., Maia M., Nadal J., Rizzo S.*

12:00 - 13:00 UVEITIS

ROOM VERDE

CHAIRS: *Agrawal A., Androudi S., De Smet M., Vannozzi L.*

- 12:00 Inflammation or atrophy, this is the question. *Accorinti M.*
- 12:05 A practical approach to retinal vasculitis. *Cimino L.*
- 12:10 Diagnostic pars plana vitrectomy. *Vannozzi L.*
- 12:15 *Discussion*
- 12:20 Placoid maculopathies. *Introini U.*
- 12:25 Ocular sarcoidosis: diagnostic update. *Miserocchi E.*
- 12:30 Tip and tricks on how to survive in the jungle of immune-therapy in uveitis. *Neri P.*
- 12:35 *Discussion*
- 12:40 Approach to tuberculous uveitis. *Agrawal R.*
- 12:45 Toxoplasmosis chorioretinitis: current treatments. *De Smet M.*
- 12:50 Surgery for infectious retinitis when medical therapy is not sufficient. *Arevalo J.F.*
- 12:55 A novel vitreous surgery to remove intraocular cysticercosis. *Natarajan S.*
- 13:00 *Discussion*

13:00 - 14:00 LUNCH

13:00 - 14:00 TREATING DME: RECOMMENDATIONS FROM THE EXPERTS



AUDITORIUM

MODERATORS: *Bandello F., Loewenstein A.*

- 13:00 Welcome and introduction. *Bandello F., Loewenstein A.*
- 13:02 Unmet needs in treating DME in real life. *Bandello F.*
- 13:14 Seeking consensus in DME management: findings from Germany. *Augustin A.*
- 13:26 Real-world experience with dexamethasone implant. *Maia M.*
- 13:38 Treating DME patients undergoing cataract surgery: 'tips and tricks'. *Kupperman B.*
- 13:50 *Discussion*

13:00 - 14:00 INNOVATION IN RETINAL DIAGNOSIS



ROOM VERDE

MODERATORS: *Parravano M., Shah G.K., Staurenghi G.*

- 13:00 Next generation ultra-widefield angiography. *Staurenghi G.*
- 13:15 Latest advancements in OCT Angiography and retina diagnostics part 1. *Parravano M.*
- 13:30 Latest advancements in OCT Angiography and retina diagnostics part 2. *Shah G.K.*
- 13:45 *Discussion*

13:00 - 14:00 TRANSFORMING RETINAL SURGERY THROUGH PIONEERING TECHNOLOGY



ROOM ONICE

MODERATOR: *Avitabile T.*

- 13:00 The Advantages of Dual Port Cutter technology. *De Cillà S.*
- 13:12 From cutting to liquefaction. *Le Mer Y.*
- 13:24 The learning curve of Hypersonic Vitrectomy. *Bali E.*
- 13:36 Hypersonic Vitrectomy - Experimental study. *Stanga P.*
- 13:48 *Discussion*

**13:00 - 14:00 INNOVATION IN VITREORETINAL SURGERY:
A NEW MOLECULE OF BLUE**



ROOM 9

CHAIRS: *Pileri M.A., Romano M.*

- 13:00 A close look at a new Blue dye: an innovative recently developed molecule. *Spadaro A.*
- 13:10 From preclinical development to clinical application. *Romano M.*
- 13:20 Are all Intraocular dyes toxic? Safety of lutein-based dyes. *Coppola M.*
- 13:30 ILM Peeling: when and why?
- 13:40 New Trends in chromovitrectomy. *Romano M.*
- 13:50 *Discussion*

13:00 - 14:00 UPDATE ON OCRIPLASMIN REAL WORLD EVIDENCE IN ITALY



ROOM 6

MODERATORS: *Barca F., Cacciamani A., Cereda M.*

- 13:00 Introduction: overview of recent study data on ocriplasmin. *Barca F.*
- 13:10 Experience from Careggi Hospital, Florence. *Giuntoli M.*
- 13:15 Short term vitreous modifications following ocriplasmin. Experience from Bietti Foundation, Rome. *Cacciamani A.*
- 13:30 Ocriplasmin for VMT: A look outside the macula. Experience from Sacco Hospital, Milan. *Cereda M.*
- 13:45 Question & Answer: Critical patient selection criteria identified by real world evidence on ocriplasmin

**13:00 - 14:00 THE STANDARD OF CARE FOR RETINITIS PIGMENTOSA:
THE EPI-RETINAL PROSTHESIS SYSTEM**



ROOM 4

MODERATOR: *Cinelli L.*

- 13:00 Long term results of the biggest Argus II patients center: benefits and complications. *Cinelli L.*
- 13:15 Use of Intraoperative OCT in ensuring optimal array-retina contact during Argus II implantation surgery. *Yoon Y.H.*
- 13:30 Epiretinal membrane removal in an Argus II implanted eye: functional results. *Patelli F.*
- 13:45 *Discussion*

14:00 - 15:00 PROLIFERATIVE DIABETIC RETINOPATHY

AUDITORIUM

CHAIRS: *Arevalo J.F., Bressler N., Le Mer Y., Stanga P.*

- 14:00 OCT-A and FA findings after anti-VEGF PDR treatment. *Tadayoni R.*
- 14:05 Clinical highlights of DRCR Network treatment regimen for proliferative diabetic retinopathy. *Bressler N.*
- 14:10 Can we predict which eyes with PDR do best with anti-VEGF vs PRP? *Bressler S.*
- 14:15 Anti-VEGF monotherapy for ischemic diabetic retinopathy: consequences of inadvertent treatment Interruptions. *Johnson M.W.*
- 14:20 *Discussion*
- 14:35 Pre-Operative Intravitreal bevacizumab for tractional retinal detachment secondary to proliferative diabetic retinopathy. *Arevalo J.F.*
- 14:40 Machines, settings and instrumentation for the new PDR vitrectomy. *Morales-Canton V.*
- 14:45 Surgical management of PDR advances in techniques are improving surgical outcomes. *Berrocal M.*
- 14:50 *Discussion*

15:00 - 16:00 MACULAR HOLE

AUDITORIUM

CHAIRS: *Awh C., Binder S., Boscia F., Devin F.*

- 15:00 Intraoperative OCT for difficult macular surgery. *Binder S.*
- 15:05 Adaptive optics imaging of macular holes and epiretinal membranes: pre and post operatory evaluation of foveal healing *Paques M.*
- 15:10 When operating for macular hole, ERM and VMT: combined phacovitrectomy vs vitrectomy and sequential cataract operation. *Moisseiev J.*
- 15:15 Induced PVD with TPA and SF6 in patients with symptomatic VMT. *Lafetà A.*
- 15:20 From combined phacovitrectomy to femtophacovitrectomy in macular surgery. *Faraldi F.*
- 15:25 *Discussion*
- 15:30 Autologous Platelet-rich plasma for myopic macular holes. Is it useful for Macular Holes with retinal detachment? *Figueroa M.*
- 15:35 Inverted flap for large idiopathic macular hole surgery: is there any advantage for the post-surgical remodelling of the outer retinal layers? *Bottoni F.*

- 15:40 Retinal relocation for large recurrent macular holes. *Claes C.*
 15:45 Autologous retinal transplant world experience. *Mahmoud T.*
 15:50 Amniotic membrane in macular hole surgery. *Caporossi T.*
 15:55 *Discussion*

16:00 - 16:15 FUTURE PERSPECTIVES IN OPHTHALMOLOGY

AUDITORIUM

- ALCON: *Michael Onuscheck (President, Global Business & Innovation)*
 ALLERGAN: *Montu Sumra (Executive Director, Medical Affairs, Eyecare)*
 NOVARTIS: *Nikolaos Tripodis (Worldwide Head Ophthalmology)*

16:15 - 16:40 COFFEE BREAK

16:40 - 17:20 DRY AMD BY EURETINA

AUDITORIUM

CHAIRS: *Rizzo S., Wolf S.*

- 16:40 Dry AMD classification. *Starengi G.*
 16:45 Impact of drusen and drusenoid retinal pigment epithelium elevation size and structure on RPE integrity.
Schmidt-Erfurth U.
 16:50 Fluorescence lifetime imaging ophthalmoscopy in Dry AMD. *Wolf S.*
 16:55 Adaptive optics in Dry AMD. *Paques M.*
 17:00 Recent advances in the management of Dry AMD. *Querques G.*
 17:05 The use of stem cells for retinal therapies. *Da Cruz L.*
 17:10 Amniotic membrane in Dry AMD. *Rizzo S.*
 17:15 *Discussion*



17:20 - 18:00 ARTIFICIAL INTELLIGENCE

AUDITORIUM

CHAIRS: *Mahmoud T., Schmidt-Erfurth U., Tadayoni R., Williams G.A.*

- 17:20 Artificial Intelligence in retina: a constructive revolution. *Schmidt-Erfurth U.*
- 17:25 How Artificial Intelligence improves insight into OCT-A imaging. *Spaide R.F.*
- 17:30 Screening for AMD at home using Artificial Intelligence. *Loewenstein A.*
- 17:35 Artificial Intelligence in diabetic retinopathy. *Tadayoni R.*
- 17:40 Big data in the real world and Artificial Intelligence. *Williams G.A.*
- 17:45 Artificial Intelligence in age-related macular degeneration - where are we? Where are we going?
Bressler N.
- 17:50 *Discussion*

18:00 - 19:00 IMAGING

AUDITORIUM

CHAIRS: *Bottoni F., Rosenfeld P.J., Spaide R., Staurengi G.*

- 18:00 Comparison of ultrawide field technologies. *Singh R.*
- 18:05 Wide-field imaging in pediatric retinal diseases. *Capone A.J.*
- 18:10 Wide-field OCT vs ultrawide field fluorescein angiography for the assessment of retinal vasculopathies.
Tadayoni R.
- 18:15 OCT angiography vs dye-based angiography in neovascular choroidal diseases. *Staurengi G.*
- 18:20 *Discussion*
- 18:25 What is a treatment-naive quiescent type 1 macular neovascularization really? *Querques G.*
- 18:30 New proposal for the pathophysiology of type 3 neovascularization as based on multimodal imaging findings. *Spaide R.F.*
- 18:35 Imaging of the choroidal vasculature using SS-OCT. *Rosenfeld P.J.*
- 18:40 SS-OCT angiographic imaging of the choriocapillaris in macular diseases. *Rosenfeld P.J.*
- 18:45 OCT angiography and macular function. *Midena E.*
- 18:50 *Discussion*

08:00 - 09:30 FREE PAPERS - SURGICAL 3**ROOM VERDE**

CHAIRS: *Binder S., Kadonosono K., Micelli Ferrari T., Tognetto D.*

see page 47 for the detailed session

08:00 - 10:00 FREE PAPERS - MEDICAL 2**ROOM ONICE**

CHAIRS: *Lanzetta P., MacLaren R., Zweifel S.*

see page 49 for the detailed session

09:30 - 10:40 ADVANCED SURGICAL COURSE VITREORETINAL TECHNOLOGIES**AUDITORIUM**

CHAIRS: *Beltrame G., EL Rayes E., Heimann H., Mortada H., Rossi T.*

09:30 Nitinol basket for sutureless lens fragmentation. *Mura M.*

09:35 Troubles with IOL's. *Mateo C.*

09:40 Closure of sclerotomies - My technique. *Eckardt C.*

09:45 Chandeliers a gadget or a must. *Bali E.*

09:50 Digital enhanced images on 3D vitrectomy. *Kadonosono K.*

09:55 Endoscopy and Ngenuity. *Maia A.*

10:00 *Discussion*

10:05 27-Gauge vitrectomy: where are we now? *Oshima Y.*

10:10 Stiffness and displacement analysis of 23-, 25-, and 27 gauge vitreous forceps. *Tognetto D.*

10:15 Combined femtophaco-vitrectomy - tips and tricks. *Richard G.*

10:20 The hypersonic setting: what we need to know on stroke and vacuum to set the best fluid balance.

Romano M.

10:25 Digitally enhanced endoscopy-assisted VR surgery for severe anterior PVR. *Rezende F.*

10:30 3D Surgery: providing the best from digital imaging. *Vinciguerra P.*

10:35 *Discussion*

10:40 - 12:15 ADVANCED SURGICAL COURSE MACULAR SURGERY BY GIVRE



AUDITORIUM

CHAIRS: *Al Sabti K., Lesnoni G., Tognetto D., Zenoni S.*

- 10:40 Lamellar macular hole: morphological and functional characterization. *Azzolini C.*
- 10:45 Vitrectomy for the treatment of tractional and degenerative lamellar macular holes. Results of a multicenter study. *Figueroa M.*
- 10:50 Macular hole closure after human amniotic membrane plug transplantation: when air endotamponade is not enough. *Fiore T.*
- 10:55 Temporal inverted ILM flap could be a standard treatment methods for large macular holes. *Avci R.*
- 11:00 Vitrectomy for myopic macular schisis. *Giansanti F.*
- 11:05 Unusual course of operated macular holes. *Panozzo G.*
- 11:10 *Discussion*
- 11:15 Pathogenesis and treatment of cavitory optic disc maculopathy. *Johnson M.*
- 11:20 Autologous retinal transplantation for eyes with secondary large macular hole. *Kadonosono K.*
- 11:25 Subretinal hemorrhage displacement with subretinal air. *Mahmoud T.*
- 11:30 Comparison between 25-Gauge and 27-Gauge 3D visualization system-assisted vitrectomy in macular surgery. *Mariotti C.*
- 11:35 Macular buckles when and how. *Mura M.*
- 11:40 *Discussion*
- 11:45 Guidelines to the management of myopic traction maculopathy based on the new MTM Italian staging system. *Parolini B.*
- 11:50 Dexamethasone implant for the treatment of advanced stage epiretinal membrane. *Peiretti E.*
- 11:55 Towards a new classification for large macular holes. *Rezende F.*
- 12:00 ILM multiple folding under PFCL for large and chronic macular holes. *Rossi T.*
- 12:05 Vitrectomy surgical treatment without tamponade for optic pit maculopathy. *Rapizzi E.*
- 12:10 *Discussion*



12:15 - 13:00 EXTREME SURGERY COURSE

AUDITORIUM

CHAIRS: *Avci R., Coppola M., Damato B., Garcia Arumi J., Mahmoud T.*

- 12:15 Surgical treatment for neovascular glaucoma. *Maia A.*
- 12:20 Surgical outcomes of primary Vit/Buckle with gas tamponade for PVR due to peripheral retinal vascular diseases. *Oshima Y.*
- 12:25 Transretinal tumour biopsy of small choroidal tumours with a thickness of ≤ 2 mm. *Heimann H.*
- 12:30 *Discussion*
- 12:35 Local resection of choroidal melanoma. *Damato B.*
- 12:40 Vitrectomy for advanced intraocular malignancies. *Murray T.G.*
- 12:45 Surgery in uveitis (general tips and concerns, pre-and post-operative management). *Androudi S.*
- 12:50 Surgical treatment of retinal vasoproliferative tumors complicated with advanced exudative retinal detachment and proliferative vitreoretinopathy. *Avci R.*
- 12:55 Vitreoretinal surgery for an eye injury. *Kulikov A.*
- 13:00 *Discussion*

COURSES

THURSDAY 6 JUNE

16:30 - 18:30 NURSE COURSE

ROOM ONICE

SCIENTIFIC COORDINATORS: *Turrisi L, Zucchini D.*

- 16.30 Introduction
- 16:40 New technologies in ophthalmic surgery: nurses skills. *Pratesi I., Morroni S.*
- 16.50 The new integrated vitreoretinal operating theatre. *Salonen S.*
- 17.00 What about eye trauma? *Jansen K.*
- 17.10 Transforming retinal surgery through pioneering technology. *Bollini S.*
- 17.20 Driving OR flow optimization and single use through customization of the procedural pack. *Vatovec C.*
- 17.30 Visualization systems in retina surgery. *Oller Garcia M.*
- 17.40 The 3D System in the vitreoretinal surgery. *Tescaro S.*
- 17.50 EVA Upgrade - Dedicated to OR efficiency. *Canali F.*
- 18.00 A phaco for Africa: a humanitarian project. *Spiridigliozzi M.*
- 18.10 *Discussion*

SATURDAY 8 JUNE

14:00 - 15:00 AIORAO COURSE: INSTRUMENTAL SEMEIOTICS FOR RETINAL DISEASE

ROOM ONICE

MODERATORS: *Campos E., Drago D., Huang S., Lam L.*

- 14:00 Retcam imaging for Retinopathy of prematurity screening. *Zavolini M.*
- 14:05 The orthoptic in the ocular electrophysiology clinic. *Placidi G.*
- 14:10 Adaptive optics in ophthalmology; early diagnosis in retinal diseases. *Cipollini F.*
- 14:15 Choroidal and retinal imaging with OCT. *Biagini I.*
- 14:20 Microperimetry in macular diseases. *Convento E.*
- 14:25 *Discussion*
- 14:35 Electrophysiology and modern indications. *Huang S.*
- 14:40 Wide-field imaging in pediatric retinal disease. *Capone A.J.*
- 14:45 Innovations in low vision rehabilitation. *Lam L.*
- 14:50 *Discussion*

WET and DRY LABS

Wet and Dry Labs will be available all day for the duration of the conference as per specified times

DRY LAB OFTALMEDICA

Surgical Simulator by VRmagic

- Thursday 6 June 13:00 - 19:00
- Friday 7 June 08:00 - 19:00
- Saturday 8 June 08:00 - 19:00
- Sunday 9 June 08:00 - 13:00

OFTALMEDICA

WET LAB HOYA

- Friday 7 June 10:00 - 17:00
- Saturday 8 June 08:30 - 17:00
- Sunday 9 June 08:30 - 12:00

HOYA
SURGICAL OPTICS

RUCK
HOYA GROUP COMPANY

WET LAB DORC

- Friday 7 June 08:00 - 19:00

DORC

THURSDAY 6 JUNE

13:00 - 15:00 FREE PAPERS - SURGICAL 1

ROOM VERDE

CHAIRS: Garcia-Arumi J., Hassan T., Moisseiev J., Steel D.

- OS1 - 01 **THE ROLE OF THE ANAESTHESIOLOGIST IN VITREO-RETINAL SURGERY: A PATIENT'S SATISFACTION PERSPECTIVE.**
C. Adembri, G. Cecchi, I. Cappellini, S. Degl'innocenti, G. Pellegrini
- OS1 - 02 **CLINICAL CHARACTERISTICS AND SURGICAL OUTCOMES IN PEDIATRIC RHEGMATOGENOUS RETINAL DETACHMENT.**
I. Akkoyun, C. Öztürk, G. Yilmaz, S. Cezairlioglu
- OS1 - 03 **NOVEL TECHNIQUE OF STAINING INTERNAL LIMITING MEMBRANE IN RETINAL DETACHMENT.**
M. Bansal
- OS1 - 04 **PLAIN SCLERAL BUCKLING FOR RHEGMATOGENOUS RETINAL DETACHMENT.**
M. Chizzolini, S. Miotto, F. De Geronimo, G. Paolo, R. Melis, F. Parmeggiani, S. Piermarocchi
- OS1 - 05 **AMNIOTIC MEMBRANE TO REPAIR RETINAL DETACHMENT DUE TO PARAVASCULAR RETINAL BREAKS OVER PATCHY CHORIORETINAL ATROPHY IN PATHOLOGIC MYOPIA.**
L. De Angelis, T. Caporossi, S. Rizzo
- OS1 - 06 **SURGICAL TREATMENT OF PRIMARY RHEGMATOGENOUS RETINAL DETACHMENTS: THE REAL-LIFE EXPERIENCE OF A HIGH-VOLUME CENTRE OVER THE LAST 3 YEARS.**
C. Del Turco, C. La Spina, U. Serra, D.c. Giobbio, C. Bogetto, M. Dal Vecchio, G. Dapavo, F. Faraldi, C. Panico
- OS1 - 07 **"SI OIL RETENTION SUTURE" - IN THE MANAGEMENT OF TOTAL RETINAL DETACHMENT IN APHAKIC PATIENT WITH THE ABSENCE OF NASAL IRIS.**
V.D. Dzinic, A. Oros
- OS1 - 08 **COMPARATIVE ANALYSIS OF RETINAL REATTACHMENT SURGERY WITH OR WITHOUT ILM PEELING TO PREVENT POST-OP MACULAR PUCKER.**
M. Forlini, P. Date
- OS1 - 09 **CHORIORETINAL COLOBOMA ASSOCIATED WITH PEDIATRIC CATARACT AND RETINAL DETACHMENT.**
A. Grandinetti
- OS1 - 10 **VARIATION OF INTRAOCULAR PRESSURES IN EYES WITH DIFFERENT LEVELS OF GAS TAMPONDES DURING TRANSPORT AT DIFFERENT ALTITUDES.**
A. Ivanov, M. Dogramaci, K. Bartzelioti, D. Vaideanu-Collins



- OS1 - 11 **RECTUS MUSCLE TEAR DURING SCLERAL BUCKLE SURGERY.**
C. Kim
- OS1 - 12 **TALE OF A SUBMACULAR PEARL.**
V. Kumar, D. Dubey, M. Chandra, P. Chandra, A. Kumar
- OS1 - 13 **ROLE OF ILM PEELING DURING VITRECTOMY FOR RHEGMATOGENOUS RETINAL DETACHMENT TO PREVENT POSTOPERATIVE EPIRETINAL MEMBRANE: A RANDOMIZED TRIAL.**
V. Kumar
- OS1 - 14 **MICROSCOPE INTEGRATED OPTICAL COHERENCE TOMOGRAPHY-GUIDED AUTOLOGOUS FULL THICKNESS NEUROSENSORY RETINAL AUTOGRAFT FOR LARGE MACULAR HOLE RELATED TOTAL RETINAL DETACHMENT.**
A. Singh, M. Dogra, B. Tigari, R. Singh
- OS1 - 15 **HUMAN AMNIOTIC MEMBRANE PLUG TO PROMOTE RETINAL BREAKS REPAIR IN RETINAL DETACHMENT WITH LARGE MACULAR TEAR.**
B. Pacini, T. Caporossi, S. Rizzo
- OS1 - 16 **PUBLICATION TRENDS IN PARS PLANA VITRECTOMY IN THE LAST DECADE.**
G. Pekel, E. Pekel, E. Cetin
- OS1 - 17 **OUTCOMES OF SUPRACHOROIDAL HAEMORRHAGE DRAINAGE SURGERY: THE 10-YEAR MANCHESTER EXPERIENCE.**
A. Qureshi, A. Jalil, N. Patton, S. Charles, F. Dhawahir -Scala, G. Turner, T. Ivanova
- OS1 - 18 **AN ENDOSCOPIC APPROACH TO SIMULTANEOUS COMPLEX ANTERIOR PVR PEELING AND INTRASCLERAL IOL FIXATION.**
F. Rezende, R. Duval
- OS1 - 19 **COMPLETE VITRECTOMY WITH ANTERIOR HYALOID DISSECTION.**
D. Ruiz Casas, D. Arruabarrena Sanchez
- OS1 - 20 **RETINAL DISPLACEMENT DETECTED BY RETINAL VESSEL PRINTING ON FUNDUS AUTOFLUORESCENCE IMAGING: PNEUMATIC RETINOPEXY VERSUS PARS PLANA VITRECTOMY - A MULTICENTER STUDY.**
F. Sabatino, R.j. Hillier, R.h. Muni, C. Francisconi, V. Juncal, J. Qian, V. Chaudhury, A.r. Berger, L. Giavedoni, D.t. Wong, F. Altomare, M. Kadhim, R. Newsom, K. Brosch
- OS1 - 21 **BILATERAL VITREOUS HEMORRHAGE IN TERSON'S SYNDROME.**
S. Scrittore
- OS1 - 22 **CHANGES OF PHYSICO-CHEMICAL PROPERTIES OF SILICONE OIL ASSOCIATED WITH A RETINAL TAMPONADE.**
V. Serhienko

OS1 - 23 EVALUATION OF HYALOID–RETINAL RELATIONSHIP DURING TRIAMCINOLONE-ASSISTED VITRECTOMY FOR PRIMARY RHEGMATOGENOUS RETINAL DETACHMENT.

D. Sundar.m, B. Takkar, P. Venkatesh, R. Chawla, S. Temkar

OS1 - 24 GLYCERINE ASSISTED VITREORETINAL SURGERY IN DECOMPENSATED OEDEMATOUS CORNEA.

A. Surve, V. Kumar

OS1 - 25 OCT ANGIOGRAPHY IN RHEGMATOGENOUS RETINAL DETACHMENT.

R. Tartaro, F. Barca, A. Savastano, G. Virgili, C. Lenzetti, L. Finocchio, D. Pugi, T. Caporossi, D. Bacherini, S. Rizzo

13:00 - 15:00 FREE PAPERS - MEDICAL 1

ROOM ONICE

CHAIRS: Bressler S., Brucker A., Loewenstein A., Viola F.

OM1 - 01 OCT ANGIOGRAPHY, ULTRA-WIDE-FIELD LASER SCANNING FUNDUS IMAGING AND AUTOFLUORESCENCE FINDINGS IN SUSAC'S SYNDROME: A CASE REPORT.

S.A. Bagaglia, F. Passani, P. Esposti, P. Mittica, C. Mazzotta, M. Fruschelli, N. Lorusso

OM1 - 02 MULTIMODAL IMAGING AND FUNCTIONAL CORRELATION WITH MICROPERIMETRY IN PATIENTS WITH TYPE 2 MACULAR TELANGIECTASIA.

P. Baptista, N. Silva, I. Carneiro, M. João Furtado, M. Lume

OM1 - 03 OPTICAL COHERENCE TOMOGRAPHY AND ANGIOGRAPHY PARAMETERS PREDICTIVE OF VISUAL OUTCOME AFTER ANTI-VEGF THERAPY FOR BRANCH RETINAL VEIN OCCLUSION.

F. Sousa Neves, J. Braga, E. Saraiva, S. Fonseca, L. Silva, J. Sequeira, L. Ribeiro

OM1 - 04 OPTICAL COHERENCE TOMOGRAPHY AND ANGIOGRAPHY PARAMETERS PREDICTIVE OF VISUAL OUTCOME AFTER ANTI-VEGF THERAPY FOR CENTRAL RETINAL VEIN OCCLUSION.

F. Sousa Neves, J. Braga, E. Saraiva, S. Fonseca, L. Silva, J. Sequeira, L. Ribeiro

OM1 - 05 ULTRA-LOW-MOLECULAR-WEIGHT HEPARIN, FONDAPARINUX, IN RETINAL VEIN OCCLUSIONS.

R.D.J. Steigerwalt, A. Pascarella, M. De Angelis, F. Ciucci, F. Gaudenzi



- OM1 - 06 **TREATMENT OUTCOMES OF COMBINATION THERAPY WITH ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) AND LASER PHOTOCOAGULATION IN TYPE 1 ROP AND APROP.**
A. Agarwal, P. Sen, P. Bhende, S. Ganesan
- OM1 - 07 **EFFICACY OF INDIRECT LASER PHOTOCAGULATION IN CASES WITH RETINOPATHY OF PREMATURITY PRESENTING WITH LATE STAGE 3 TURNING INTO STAGE 4A.**
M. Al-Feky
- OM1 - 08 **DIFFUSE BILATERAL SUBACUTE NEURORETINITIS (DBSN).**
S. Carrillo Cristancho, P.V. De Miguel Simó, C. Barnes Ruz, E. Cantal Portabella, C. Macià Badia
- OM1 - 09 **SCLERAL FIXATION OF FLUOCINOLONE ACETONIDE IMPLANT IN EYES WITH SEVERE IRIS-LENS DIAPHRAGM DISRUPTION AND CLINICAL RELEVANT CME.**
T. Herold, A. Almarzooqi, S.G. Priglinger, A. Wolf
- OM1 - 10 **OPHTHALMOLOGICAL APPROACH TO SAVING A LIFE.**
P. Kumar, G. Verma, I. Aggarwal, R. Maggon
- OM1 - 11 **CYTOMEGALOVIRUS RETINITIS IN PEDIATRIC HEMATOPOIETIC STEM CELLS RECIPIENTS.**
B. Pershin, A. Smirnova, L. Shelihova, A. Maschan, V. Mahmutov
- OM1 - 12 **COMBINED THERAPY IN CHOROIDAL NEOVASCULAR MEMBRANE SECONDARY TO MULTIFOCAL CHOROIDITIS: LONG-TERM VISUAL AND ANATOMICAL OUTCOMES.**
V. Pirani, P. Pelliccioni, R. Calamita, M. Nicolai, C. Cesari, A. Giovannini, C. Mariotti
- OM1 - 13 **SUBTHRESHOLD YELLOW MICROPULSE LASER TREATMENT IN A CASE OF UNRESPONSIVE PSEUDOPHAKIC MACULAR EDEMA.**
T. Verdina, C. Ferrari, A. Brombin, G.M. Cavallini
- OM1 - 14 **OCTA AND RETINAL THICKNESS LAYERS FINDINGS IN TYPE 1 DIABETES.**
F. Scarinci
- OM1 - 15 **EVALUATION OF VESSEL MORPHOLOGY TOWARDS THE RETINAL PERIPHERY USING WIDE FIELD OCT ANGIOGRAPHY.**
C. Lavia, A. Couturier, P. Mece, M. Nassisi, S. Bonnin, J. Marie Louise, A. Gaudric, R. Tadayoni
- OM1 - 16 **OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY IN A PAEDIATRIC POPULATION WITH DIABETES MELLITUS.**
L. Diplotti, S. Pignatto, P. Lanzetta
- OM1 - 17 **RETINAL VASCULAR RESPONSE TO THE HANDGRIP TEST IN TYPE 1 DIABETES USING OCT-ANGIOGRAPHY.**
D. Sousa, I. Leal, A. Silva-Herdade, S. Moreira, S. Do Vale, P. Dionísio, L. Abegão Pinto, M. Castanho, C. Marques-Neves
- OM1 - 18 **INDOCYANINE GREEN ANGIOGRAPHY FOR IDENTIFYING TELANGIECTATIC CAPILLARIES IN DIABETIC MACULAR EDEMA.**
D. Castro Farías, R. Matsui Serrano, J. Bianchi Gancharov, U. De Dios Cuadras, J.a. Sahel (2,3), F. Graue Wichers, B. Dupas, M. Paques (2,3)

- OM1 - 19** **BASILINE TRIGLYCERIDE-GLUCOSE INDEX PREDICTS PREVALENCE AS WELL AS INCIDENCE OF DIABETIC RETINOPATHY IN ASIANS WITH TYPE 2 DIABETES.**
N.K. Bhaskar, X. Zhang, S. Low, T. Subramaniam, S. Lim
- OM1 - 20** **EVALUATION OF THE EFFECT OF VASCULAR ENDOTHELIAL GROWTH FACTOR INHIBITORS ON ACTIVE NEOVASCULARIZATION IN CLINICAL PRACTICE IN PATIENTS WITH PROLIFERATIVE DIABETIC RETINOPATHY.**
G. Guzaliya Kudasheva, V. Evgrafov Vladimir
- OM1 - 21** **PAN-RETINAL PHOTOCOAGULATION IN DIABETIC RETINOPATHY - IMPACT ON VISUAL FUNCTION.**
A. Marta, P.M. Baptista, I. Carneiro, D. José, D. Almeida, A. Ribeiro, I. Barbosa
- OM1 - 22** **PHOTORECEPTOR DAMAGE IN DIABETIC CHOROIDOPATHY.**
M. Palmieri
- OM1 - 23** **ASSOCIATION OF RETINAL BIOMARKERS AND CHOROIDDAL VASCULARITY MARKERS ON OPTICAL COHERENCE TOMOGRAPHY USING BINARIZATION METHOD IN DIABETIC MACULAR EDEMA.**
E. Cetin
- OM1 - 24** **DIABETIC MACULAR OEDEMA: REAL LIFE RESULTS OF INTRAVITREAL INJECTION OF ANTI-VEGF.**
P. Corazza, H. Orlans, T. Soomro, S. Yonis
- OM1 - 25** **EFFICACY AND SAFETY OF INJECTING TRIAMCINOLONE ACETONIDE IN THE SUPRACHOROIDDAL SPACE USING CUSTOM MADE NEEDLE FOR DIABETIC MACULAR EDEMA TREATMENT.**
A. Marashi
- OM1 - 26** **ONE-YEAR RESULTS OF MODIFIED TREAT-AND-EXTEND REGIMEN USING AFLIBERCEPT FOR DIABETIC MACULAR EDEMA; VIBIM STUDY.**
S.W. Park, E.H. Kim, J.E. Lee
- OM1 - 27** **ANATOMICAL RESULTS PREDICTORS OF TREATMENT IN PATIENTS WITH DIABETIC MACULAR EDEMA AFTER THE FIRST ANTI-VEGF INJECTION.**
D. Petrachkov, D. Arzhukhanov, M. Budzinskaya
- OM1 - 28** **COST-CONSEQUENCE ANALYSIS OF EXTENDED LOADING DOSE OF ANTI-VEGF TREATMENT IN DIABETIC MACULAR EDEMA PATIENTS.**
J.M. Ruiz-Moreno, F. De Andrés-Nogales, I. Oyagüez
- OM1 - 29** **UNEXPECTED EVENT IN DME THERAPY: CLINICAL BEHAVIOR AND RESULTS.**
S. Donati, L. Premoli, C. Metrangolo, M. Abbate, W. Messina, M. Mazzola, C. Azzolini



SATURDAY 8 JUNE

11:00 - 13:00 FREE PAPERS - SURGICAL 2

ROOM ONICE

CHAIRS: Lesnoni G., Nikolakopoulos A., Panozzo G., Schwart S.D.

OS2 - 01 NEGATIVE CORRELATION BETWEEN RETINAL DISPLACEMENT AND GANGLION CELL LAYER THICKNESS CHANGES IN EYES WITH EPIRETINAL MEMBRANE.

P. Loiudice, M. Pellegrini, A. Montesel, M. Figus, M. Nardi, G. Casini

OS2 - 02 25G VITRECTOMY WITH ERM AND MLI PEELING 30 DAYS AFTER DEXAMETHASONE IMPLANT IN PATIENTS WITH MACULAR PUCKER AND DIABETIC RETINOPATHY.

F. Pignatelli, G. Addabbo

OS2 - 03 PREMACULAR HEMORRHAGE.

M. Stamenkovic, V. Jaksic, A. Bajic, B. Vukadinovic, N. Nikitovic, M. Mavija

OS2 - 04 HEADS-UP 3D VISION SYSTEM REDUCES ACUTE PHOTOTOXIC-RELATED AUTOFLUORESCENCE CHANGES AFTER MACULAR SURGERY.

C. La Spina, C. Del Turco, G. D'amico Ricci, D.C. Giobbio, C. Panico

OS2 - 05 AN ANALYSIS OF CAPSULAR FLAPS USED FOR PERSISTENT FTMH.

W. Armin, D. Vogt, S. Priglinger, R. Schumann

OS2 - 06 RETINAL THICKNESS CHANGES AND FOVEA MIGRATION IN EYES WITH IDIOPATHIC MACULAR HOLE AFTER VITRECTOMY WITH HEMI-TEMPORAL INTERNAL LIMITING MEMBRANE PEELING.

J. Kogo, A. Shiono, T. Jujo, H. Takagi

OS2 - 07 EFFECTIVENESS OF SUPERIOR INVERTED INTERNAL LIMITING MEMBRANE (ILM) FLAP IN MACULAR HOLE SURGERY: ANATOMICAL AND FUNCTIONAL OUTCOMES.

M.D.M. Prieto Del Cura, M.J. Crespo Carballes, M. Acebes Garcia, J. Garcia Hinojosa

OS2 - 08 LAMELLAR MACULAR HOLES: WHEN IS SURGERY RECOMMENDED.

R.G. Schumann

OS2 - 09 AN ANALYSIS OF THE RESULTS OF PARS PLANA VITRECTOMY IN THE SURGICAL TREATMENT OF LAMELLAR MACULAR HOLES.

K. Zhogolev, Y. Bayborodov, I. Panova

- OS2 - 10 OCRIPLASMIN IN THE TREATMENT OF VITREOMACULAR TRACTION: A META-ANALYSIS OF DOUBLE-BLIND RANDOMIZED CONTROLLED TRIALS BASED ON SUBJECT-LEVEL DATA.**
T. Jackson, K. Blot, B. Lescauwae, L. Duchateau, J. Haller
- OS2 - 11 PULSATILE RETINAL ARTERY MACROANEURYSM POST LASER HYALOIDOTOMY.**
K. Srinivasan
- OS2 - 12 FIRST IN HUMAN CLINICAL TRIAL OF ROBOT-ASSISTED SUBRETINAL DRUG DELIVERY UNDER LOCAL ANAESTHESIA.**
J. Kapetanovic, K. Xue, T.L. Edwards, H.C.M. Meenink, M.J. Beelen, G.J.L. Naus, M.D. De Smet, R.E. Maclaren
- OS2 - 13 MICROSCOPE-INTEGRATED INTRAOPERATIVE OPTICAL COHERENCE TOMOGRAPHY-GUIDED INTERNAL LIMITING MEMBRANE PEELING WITH INVERTED ILM FLAP TECHNIQUE FOR MYOPIC TRACTION MACULOPATHY ASSOCIATED RETINAL DETACHMENT: A NOVEL TECHNIQUE.**
A.K. Kumar, D. Agarwal, D. Sunder
- OS2 - 14 SCLERAL BUCKLING IN THE MANAGEMENT OF RECURRENT RETINA DETACHMENT IN SILICONE OIL FILLED EYES.**
R. Giannini, L. Zompatori, T. Mascaro, G. Cuzzo, A. Mauro
- OS2 - 15 MYOPIC TRACTION MACULOPATHY: THE NEW ITALIAN STAGING SYSTEM (MISS).**
B. Parolini, M. Palmieri, U. Nava
- OS2 - 16 SUBRETINAL INJECTION PLATELET-RICH PLASMA FOR HIGHLY MYOPIC FOVEOSCHISIS: TECHNIQUE AND OUTCOM.**
V. Zotov
- OS2 - 17 VITRECTOMY FOR OPTIC DISC PIT MACULOPATHY.**
A. Alkaliby
- OS2 - 18 CLINICAL UTILITY OF INTRAOPERATIVE OCT IN VARIOUS OF POSTERIOR SEGMENT PATHOLOGIES.**
A. Singh, B. Moharana, B. Tigari, R. Singh
- OS2 - 19 SURGICAL CHALLENGES OF BILATERAL RHEGMATOGENOUS ON TRACTIONAL RETINAL DETACHMENTS IN A MALAY PATIENT WITH PROLIFERATIVE DIABETIC RETINOPATHY.**
M.B. Bastion
- OS2 - 20 DIABETIC NIGHTMARE.**
A. La Mantia, A. Pioppo
- OS2 - 21 EFFICACY OF INTRAOPERATIVE RANIBIZUMAB INJECTION WITH LONG-ACTING GAS INFUSION ON RECURRENCE OF VITREOUS HEMORRHAGE AFTER DIABETIC VITRECTOMY.**
S. Ozen

OS2 - 22 PSEUDOPHAKIA PROTECTS AGAINST FELLOW EYE DIABETIC VITREOUS HAEMORRHAGE.

P. Scollo, Y. Yang, C. Svasti-Salee, N. Dervenis, R.S.B. Newsom, L. Sullivan, D. Hornan

OS2 - 23 PARS PLANA VITRECTOMY ENDORESECTION FOR INTRAOCULAR MEDULLOEPITHELIOMA.

G. Pieretti, S. Rizzo, G. Vicini, C. Nicolosi, D. Massi, C. Mazzini

OS2 - 24 ENDORESECTION AFTER A RU106 BRACHYTHERAPY FAILURE.

M.i. Relimpio Lopez, A. Alcantara Santillana, M.j. Diaz Granda, L. Coca Gutierrez, F. Espejo Arjona, B. Dominguez Garcia

SUNDAY 9 JUNE

08:00 - 09:30 FREE PAPERS - SURGICAL 3

ROOM VERDE

CHAIRS: Binder S., Kadonosono K., Marullo M., Micelli Ferrari T., Tognetto D.

OS3 - 01 CHALLENGING CASES OF INTRA-OCULAR FOREIGN BODY REMOVAL.

M. Bansal

OS3 - 02 A RUPTURED GLOBE WITH POST-TRAUMATIC CLOSED RETINAL DETACHMENT AND IOL LUXATION.

G. Besozzi, M.c. Costa, G. Nitti, A. Mocellin

OS3 - 03 EYE INJURIES IN AN ITALIAN URBAN POPULATION-STUDY II: THE TEN-YEAR REPORT OF THE EYE EMERGENCY DEPARTMENT OF TORINO.

C. Del Turco, C. La Spina, E. Belcastro, C. Panico, G. D'amico Ricci

OS3 - 04 VITRECTOMY IN PATIENTS WITH SCLERAL RUPTURE AFTER BLUNT EYE INJURIES.

N. Grubnyk, T. Krasnovid

OS3 - 05 LENS LUXATION INTO THE VITREOUS HUMOUR.

S.I. Popescu, O. Musat, C. Cernat

OS3 - 06 REMOVAL OF IOFB THROUGH ANTERIOR CHAMBER USING VITRECTOMY PROBE ONLY.

M.A.T. Tawfik

OS3 - 07 THE SURGICAL REPAIR OF A PENETRATING OCULAR INJURY FROM A WRITING INSTRUMENT IN A CHILD.

A. Qureshi, L. Fu, A. Jalil

OS3 - 08 USES OF BENT NEEDLE IN VITREORETINAL SURGERY.

A. Habib

- OS3 - 09 EFFECTIVENESS OF LASER VITREOLYSIS FOR VITREOUS FLOATERS IN POSTERIOR VITREOUS DETACHMENT IN MALAYSIAN PATIENTS: A PILOT STUDY.**
M.B. Bastion, S. Syed Zulkifli, M. Mushawiahti, W. Goh
- OS3 - 10 TAILORED APPROACHES IN SUB-HYALOID HEMORRHAGES: RATIONALE AND OUTCOMES.**
M. Chizzolini, S. Miotto, G. Paolo, F.F. De Geronimo, S. Piermarocchi
- OS3 - 11 A NEW TECHNIQUE FOR REMOVAL OF MIRAGEL SCLERAL BUCKLE EXPLANTS: SIMPLE ASPIRATION WITH A FRAZIER SUCTION CANNULA.**
E. Bertelli, P. Santorum, M.L. De Vitto
- OS3 - 12 TISSUE PLASMINOGEN ACTIVATOR AND AIR INJECTION FOR MANAGEMENT OF SUBMACULAR HEMORRHAGE.**
A. Habib, M. Mekawy, I. Mohamed, H. Hassan
- OS3 - 13 SCLERAL FIXATION IOLS: 3-PIECE IOL WITH INTRASCLERAL FIXATION OF THE OPTICS VS A NEW SPECIFICALLY DESIGNED IOL. A COMPARATIVE STUDY.**
M.G. Cereda, I. D'agostino, S. De Angelis, F. Zicarelli, S. Parrulli, F. Bottoni, G. Staurengi
- OS3 - 14 SCLERAL FIXATION OF INTRAOCULAR LENS USING EXTRA OCULAR NEEDLE INSERTION TECHNIQUE (X-NIT) : CLINICAL OUTCOMES AND SAFETY PROFILE.**
V.V. Koundanya, B. Sarma
- OS3 - 15 MODIFIED APPROACH IN MANAGEMENT OF SUBMACULAR HEMORRHAGE SECONDARY TO POLYPOIDAL CHOROIDAL VASCULOPATHY- A NOVEL TECHNIQUE.**
A.K. Kumar, A. Kumar, D. Agarwal, L. Rambarki
- OS3 - 16 A NOVEL TECHNIQUE OF MANAGEMENT OF POSTERIOR SCLERAL PERFORATION USING AMNIOTIC MEMBRANE GRAFT.**
R. Kurumkattil, H. Trehan
- OS3 - 17 AUTOLOGOUS RETINAL TRANSPLANT FOR RHEGMATOGENOUS RETINAL DETACHMENT WITH LARGE FULL THICKNESS MACULAR HOLE.**
A. La Mantia, A. Pioppo
- OS3 - 18 SEMIAUTOMATED DELIVERY OF SUBRETINAL DRUGS BY VISCOUS FLUID INJECTOR SYSTEM – MODIFIED TECHNIQUE, SUITABLE FOR MYOPIC EYES.**
H. Proença, P. Magro
- OS3 - 19 VITRECTOMY FOR ENDOPHTHALMITIS IN EYES WITH OSTEO-KERATOPROSTHESIS.**
F. Vilaplana, J. Nadal, J. Temprano, G. Julio, M. Olivera, R. Barraquer



OS2 - 20 SURGICAL APPROACH FOR REMOVAL OF A SUBFOVEAL DENSIRON 68 BUBBLE IN A CASE OF RECURRENT RETINAL DETACHMENT.

A. Savastano, C. Nicolosi, G. Vicini, S. Rizzo

OS2 - 21 SUB-RETINAL AIR INJECTION TO REMOVE TRAPPED PFCL BUBBLES

U. Lorenzi, M. Muraine

OS2 - 22 CORNEAL COMPLICATIONS AFTER PARS PLANA VITRECTOMY.

R. Vignapiano, E. Favuzza, M. Cennamo, R. Mencucci

08:00 - 10:00 FREE PAPERS - MEDICAL 2

ROOM ONICE

CHAIRS: Augustin A., Lanzetta P., MacLaren R., Zweifel S.

OM2 - 01 ROLE OF ULTRA-WIDE FIELD IMAGING IN PATIENTS OF EALES' DISEASE.

A. Agarwal, J. Biswas

OM2 - 02 NAVILAS ABILITY AND USEFULNESS TO RECOGNIZE RETINAL TEARS IN THE FAR PERIPHERY AND TO EVIDENCE TREATED LESIONS AFTER THE LASER RETINOPEXY PROCEDURE.

E. Di Carlo, A. Augustin

OM2 - 03 RETINAL PIGMENT EPITHELIUM APERTURES AS A LATE COMPLICATION OF LONGSTANDING SEROUS PIGMENT EPITHELIUM DETACHMENTS IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY.

C. Iovino, J. Chhablani, D. Parameswarappa, M. Pellegrini, G. Giannaccare, E. Peiretti

OM2 - 04 SOLITARY CIRCUMSCRIBED RETINAL ASTROCYTIC PROLIFERATION IMAGED WITH OCT ANGIOGRAPHY.

J. Kovach

OM2 - 05 MACULAR FINDINGS IN CHILDREN WITH SICKLE CELL DISEASE: AN OCT ANGIOGRAPHY STUDY.

D. Lopes, T. Loureiro, R. Carreira, A. Vide Escada, I. Machado, N. Campos

OM2 - 06 OCT ANGIOGRAPHY FUNDUS PATTERNS IN A PEDIATRIC POPULATION WITH SICKLE CELL ANEMIA.

S. Pignatto, L. Grego, F. Rizzetto, G. Beltrame, P. Lanzetta

OM2 - 07 MULTIMODAL IMAGING IN UNILATERAL ACUTE IDIOPATHIC MACULOPATHY: A CASE REPORT.

M. Romdhane, N. Abroug, S. Zina, M. Bouguerra, B. Jelliti, M. Khairallah

OM2 - 08 OCT ANGIOGRAPHY: NEOVASCULARIZATION INCIDENCE IN CSC.

M.C.S. Savastano

- OM2 - 09 CORRELATION OF DISTINCT FUNDUS AUTOFLUORESCENCE FEATURES WITH DISRUPTION OF THE OVERLYING ELLIPSOID ZONE IN CHOROIDEREMIA.**
M. Stevanovic, J. Cehajic Kapetanovic, J.K. Jolly, R.e. Maclaren
- OM2 - 10 IMAGING CHARACTERISTICS OF DARK AREAS ON OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY AND INDOCYANINE GREEN ANGIOGRAPHY - CLINICAL INSIGHTS WITH ILLUSTRATIONS.**
D. Sundar.m, R. Chawla, S. Agarwal, N. Hasan
- OM2 - 11 DETECTION OF AGE-RELATED MACULAR DEGENERATION USING OCT-A AND ARTIFICIAL INTELLIGENCE.**
E. Vaghefi, M. Lin, S. Hill, D. Squirrel
- OM2 - 12 CHOROIDAL AND RETINAL LAYER THICKNESS ALTERATIONS IN EARLY AGE RELATED MACULAR DEGENERATION ASSOCIATED WITH SUBRETINAL DRUSENOID DEPOSITS.**
S. Abdolrahimzadeh, V. Fenicia
- OM2 - 13 PREVALENCE AND INCIDENCE OF AGE-RELATED MACULAR DEGENERATION IN PATIENTS ATTENDING DIABETIC RETINOPATHY SCREENING.**
E. Lourenco, D. Parry, T. Criddle, G. Czanner, S. Harding, A. Alshukri, P. Burgess
- OM2 - 14 CHOROIDAL NEOVASCULARISATION "MASQUERADING" AS A MASQUERADE SYNDROME.**
I. Papandreou, K. Tourmouzis
- SHORT-TERM CHOROIDAL VASCULAR CHANGES AFTER AFLIBERCEPT THERAPY FOR NEOVASCULAR AGE-RELATED**
- OM2 - 15 MACULAR DEGENERATION.**
M. Pellegrini, F. Bernabei, G. Casini, P. Loiodice, G. Giannaccare
- OM2 - 16 AGE RELATED MACULAR DEGENERATION: LONG TERMS RESULTS FROM REAL WORLD DATA.**
P. Corazza, T. Soomro, H. Orlans, S. Younis
- OM2 - 17 A NEW MODEL FOR MANAGEMENT OF INTRAVITREAL INJECTION (IVI): BARI POLICLINICO REAL-WORLD EXPERIENCE.**
M.O. Grassi, C. Furino, N. Recchimurzo, G. Alessio
- OM2 - 18 OCT-A FEATURES OF SUBRETINAL FIBROSIS SECONDARY TO MYOPIC NEOVASCULARIZATION.**
P. Milani, A. Massacesi, F. Scotti, S. Moschini, M. Setaccioli, R. Secondi, F. Bergamini
- OM2 - 19 INTRAVITREAL USE OF BONE MARROW MONONUCLEAR FRACTION CONTAINING CD34+ STEM CELLS IN PATIENTS WITH ATROPHIC AGE-RELATED MACULAR DEGENERATION.**
R.C. Siqueira
- OM2 - 21 ULTRA WIDE FIELD IMAGING OF CHOROIDAL DYSTROPHIES.**
V. Kumar



- OM2 - 22 NATURAL HISTORY OF THE PROGRESSION OF RPGR-ASSOCIATED X-LINKED RETINITIS PIGMENTOSA (XOLARIS) STUDY: CROSS-SECTIONAL ANALYSIS OF BASELINE CHARACTERISTICS.**
M. Menghini, D. Birch, C. Boon, J. Duncan, M. Fischer, F. Holz, C. Hoyng, K. Khan, I. Meunier, T. Ong, M. Pennesi, E. Sankila, R. Maclaren
- OM2 - 23 NEAR-INFRARED AUTOFLUORESCENCE IN YOUNG CHOROIDEREMIA (CHM) PATIENTS.**
D. Mucciolo, V. Murro, D. Giorgio, A. Sodi, I. Passerini, G. Virgili, S. Rizzo
- OM2 - 24 FILTRATION OF SHORT WAVELENGTH LIGHT PROVIDES THERAPEUTIC BENEFIT IN A MOUSE MODEL OF DOMINANT RETINITIS PIGMENTOSA.**
H. Orlans, J. Merrill, A. Barnard, P. Charbel Issa, S. Peirson, R. Maclaren
- OM2 - 25 MORPHO-FUNCTIONAL ANALYSIS OF STARGARDT DISEASE FOR READING.**
P. Sasso, A. Scupola, V. Silvestri, F. Amore, E. Abed, L. Calandriello, G. Grimaldi, A. Caporossi
- OM2 - 26 OCTA-BASED IDENTIFICATION OF DIFFERENT VASCULAR PATTERNS IN STARGARDT DISEASE.**
A. Arrigo, F. Romano, E. Aragona, C. Di Nunzio, A. Sperti, F. Bandello, M. battaglia Parodi
- OM2 - 27 DESCRIPTION OF MACULAR MORPHOLOGY IN PATIENTS WITH RETINITIS PIGMENTOSA USING SPECTRAL DOMAIN OCT.**
A. Verma, N. Pandey, M.I. Garg, A. Kapur
- OM2 - 28 FOUR YEAR RESULTS OF INTRA ARTERIAL CHEMOTHERAPY FOR RETINOBLASTOMA FROM A TERTIARY CARE CENTRE.**
A. Agarwal, P. Chatterjee, M. Saravanan, R. Ravikumar, P. Rishi
- OM2 - 29 DIFFERENTIAL DIAGNOSIS BETWEEN CHOROIDAL NEVUS AND MELANOMA BY OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY.**
C. Garcia Arumi, F. Peralta, M. Bove, J. Garcia Arumi
- OM2 - 30 OCT CHANGES IN PERI-TUMOUR NORMAL RETINA FOLLOWING RUTHENIUM-106 AND PROTON BEAM RADIOTHERAPY FOR UVEAL MELANOMA.**
R. Hussain, F. Heussen, S. Quereshi, H. Heimann
- OM2 - 31 AURORA BOREALIS AND STRING OF PEARLS IN VITREORETINAL LYMPHOMA: PATTERNS OF VITREOUS HAZE.**
A. Marchese, E. Miserocchi, C. Giuffre', M. Cicinelli, G. Querques, G. Modorati, F. Bandello

POSTER AREA

- P - 01 **CORRELATION BETWEEN OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY AND COMBINED FLUORESCEIN AND INDOCYANINE GREEN ANGIOGRAPHY FOR THE DIAGNOSIS OF DIFFERENT TYPES OF CHOROIDAL NEOVASCULARIZATION IN PATIENTS WITH EXUDATIVE AMD. A MULTIMODAL IMAGE ANALYSIS.**
M. Fernández Rodríguez, P. Santos Ramos, P. Almuiña Varela, M. Rodríguez Cid, F. Gomez-Ulla De Irazazabal
- P - 02 **S.T.A.R. QUESTIONNAIRE AS A METHOD OF IDENTIFICATION PATIENT'S RISK OF AMD.**
N. Malachkova, T. Kozlova, K. Radega, Y. Prus
- P - 03 **IMPROVING THE METHODS OF CONSERVATIVE TREATMENT OF THE DRY FORM OF INVOLUTIONAL MACULAR DEGENERATION.**
N. Yangjeva, F. Mirbabaeva, S. Agzamova
- P - 04 **CYSTOID MACULAR EDEMA WITH PANUVEITIS AND SCLEROMALACIA TREATED WITH OZURDEX IN WEGENER'S GRANULOMATOSIS: 6 MONTH FOLLOW UP.**
M. Sauza, M. Puerto, R. Washington
- P - 05 **CHOROIDEREMIA AND CHOROIDEREMIA CARRIER - CASE STUDY.**
M. Ratkovic, A. Pidro
- P - 06 **AP-ROP TREATMENT: VITREOUS SYNERESIS AFTER INTRAVITREAL INJECTION OF RANIBIZUMAB.**
I. Akkoyun, Z. Ersoy, G. Yilmaz, O. Turan
- P - 07 **A CASE OF ORBITAL AND CHOROIDAL PLASMACYTOMA IN RECURRENT MULTIPLE MYELOMA.**
C. Choi, J. Choi, J. Jeong
- P - 08 **VITRECTOMY WITH SILICONE OIL TAMPONADE FOR METASTATIC BREAST ADENOCARCINOMA TO THE CHOROID. IS THERE RADIATION ATTENUATION EFFECT TO THE SILICONE OIL? CASE REPORT AND LITERATURE REVIEW.**
A. Alkaliby
- P - 09 **INTRAVITREOUS TISSUE PLASMINOGEN ACTIVATOR WITH PNEUMATIC DISPLACEMENT FOR SUBMACULAR HAEMORRHAGE - A YEAR IN REVIEW.**
J.B. Braga, F. Neves, P. Sepúlveda, M. Bilhoto



- P - 10 CHANGES IN OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY AND DISEASE ACTIVITY IN TYPE 3 NEOVASCULARIZATION AFTER ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR TREATMENT.**
H. Cho, J. Han, S. Park, D. Kang, J. Kim
- P - 11 INITIAL RESULTS OF RESVERATROL-BASED NUTRITIONAL SUPPLEMENT IN PATIENTS WITH WET AGE-RELATED MACULAR DEGENERATION.**
I. Gourgouli, D. Gourgouli, C. Papadopoulou, S. Spai
- P - 12 CASE REPORT OF A PATIENT WITH EXUDATIVE AGE-RELATED MACULAR DEGENERATION TREATED WITH RESVERATROL BASED DIETARY SUPPLEMENT.**
I. Gourgouli, C. Papadopoulou, S. Spai
- P - 13 DEPRESSION AND ANXIETY OF PATIENTS WITH NEOVASCULAR AGE-RELATED MACULAR DEGENERATION ACCORDING TO RELATED FACTORS.**
J.Y. Lee, D.Y. Kim, J.Y. Kim
- P - 14 EVALUATION OF INTRAOPERATIVE SLOW-RELEASE DEXAMETHASONE IMPLANT COMBINED WITH IDIOPATHIC EPIRETINAL MEMBRANE REMOVAL: PROSPECTIVE STUDY.**
A. Bitossi, A. Savastano, L. Vannozi, F. Giansanti, T. Caporossi, F. Barca, G. Virgili, M.C. Savastano, S. Rizzo
- P - 15 AFLIBERCEPT, RANIBIZUMAB AND BEVACIZUMAB FOR NEOVASCULAR AGE RELATED MACULAR DEGENERATION USING VARIABLE AND MONTHLY DOSING REGIMES: A LITERATURE REVIEW AND COST ANALYSIS.**
S. Rufai, T. Rufai, M. Logendran
- P - 16 THE EFFECT OF TRICOR ON THE OCULAR BLOOD FLOW IN PATIENTS WITH THE DRY FORM OF AGE-RELATED MACULAR DEGENERATION.**
N. Yangieva, D. Tychibaeva
- P - 17 VISUAL REHABILITATION WITH RETIMAX VISION TRAINER IN PATIENTS WITH AGE-RELATED MACULAR DEGENERATION: A CASE-SERIES.**
T. Verdina, S. Piaggi, R. Peschiera, V. Russolillo, G.M. Cavallini
- P - 18 COMPARISON OF HALF-TIME AND HALF-IRRADIANCE PHOTODYNAMIC THERAPY IN NON-RESOLVING CENTRAL SEROUS CHORIORETINOPATHY.**
C.S. Lee, J.H. Lee, S.h. Byeon, S.S. Kim, H.J. Koh, S.C. Lee

- P - 19 AN UNUSUAL CASE OF CENTRAL SEROUS CHORIORETINOPATHY AND RECURRENCE OF POLYPOIDAL CHOROIDAL VASCULOPATHY IN POSTMENOPAUSAL WOMEN RECEIVING HORMONE REPLACEMENT THERAPY.**
K.H. Mun, J.Y. Jang
- P - 20 LONG-TERM RESULTS OF HALF-FLUENCE PDT IN CHRONIC CENTRAL SEROUS CHORIORETINOPATHY (CSC).**
D. Mucciolo, V. Murro, D. Giorgio, A. Sodi, M. Donati, G. Giacomelli, F. Giansanti, G. Virgili, S. Rizzo
- P - 21 MACULAR HOLE PROGRESSION FOLLOWING ND:YAG LASER POSTERIOR CAPSULOTOMY.**
P. Dervenis, N. Dervenis
- P - 22 FOVEA INVOLVEMENT IN A CASE OF DEGENERATIVE RETINOSCHISIS: A CASE REPORT.**
P. Dervenis, N. Dervenis
- P - 23 THE OCTA SIGNS THAT CAN REASONABLY INDUCE TO STOP ANTIVEGF THERAPY IN AMD.**
S. Brogelli, M. Scrivanti
- P - 24 CLINICAL CHARACTERISTICS OF SPONTANEOUS MACULAR HOLE CLOSURE OBSERVED BY SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY.**
M. Kimura, K. Okuda, H. Yamada, K. Takahashi
- P - 25 COMPARATIVE CHARACTERISTIC OF MAGNETIC PROPERTIES OF TIPS 25-GAUGE FOR PERMANENT EYE MAGNET.**
A. Kulikov, S. Churashov, A. Mikhin, E. Nikolaenko
- P - 26 GLOBAL PREVALENCE AND MAJOR RISK FACTORS OF DIABETIC RETINOPATHY.**
D. Andre
- P - 27 STUDY TO EVALUATE THE ASSOCIATION OF VITAMIN D LEVELS WITH SEVERITY OF DIABETIC RETINOPATHY.**
L. Lakshmikanth
- P - 28 LONGITUDINAL CHANGES IN THE PERIPAPILLARY RETINAL NERVE FIBER LAYER THICKNESS OF DIABETIC PATIENTS: A 3-YEAR PROSPECTIVE OBSERVATIONAL STUDY.**
H.B. Lim, W.H. Lee, J.Y. Kim
- P - 29 COMBINING CATARACT SURGERY WITH 25-GAUGE HIGH-SPEED PARS PLANA VITRECTOMY: RESULTS FROM A PROSPECTIVE STUDY.**
C. Lenzetti, A. Savastano, L. Finocchio, D. Bacherini, F. Giansanti, R. Tartaro, V. Piccirillo, M.C. Savastano, G. Virgili, S. Rizzo
- P - 30 DEVELOPMENT AND PROGRESSION OF RETINOPATHY AND ASSOCIATED RISK FACTORS IN TYPE 1 DIABETIC PATIENTS: A 15-YEAR FOLLOW-UP STUDY.**
M. Tomic, R. Vrabec, S. Ljubic, T. Bulum



- P - 31 OBESITY - A RISK FACTOR FOR DIABETIC RETINOPATHY IN TYPE 2 DIABETES.**
R. Vrabec, M. Tomic, S. Ljubic, T. Bulum
- P - 32 COMPARISON BETWEEN FIXED AND VARIABLE POWERS OF SUBTHRESHOLD YELLOW MICROPULSE LASER FOR DIABETIC MACULAR EDEMA.**
M. Donati, V. Murro, D.P. Mucciolo, D. Giorgio, G. Cinotti, L. Terracciano, G. Virgili, S. Rizzo
- P - 33 DEXAMETHASONE IMPLANT FOR CHRONIC DIABETIC MACULAR EDEMA RESISTANT TO INTRAVITREAL BEVACIZUMAB INJECTION.**
Y. Kim, H. Park, H. Kim, J. Kim
- P - 34 CHARACTERISTICS OF DIABETIC MACULAR EDEMA PATIENTS WITH SEROUS RETINAL DETACHMENT.**
J. Kwon
- P - 35 SHORT-TERM CLINICAL OUTCOME OF INTRAVITREAL AFLIBERCEPT INJECTION FOR DIABETIC MACULAR EDEMA.**
S. Park, Y. Seong Won
- P - 36 SIGNIFICANT CHANGE OF THE CHOROID IN THE EYES WITH OCULAR ISCHEMIC SYNDROME AND SYMPTOMATIC CAROTID ARTERY STENOSIS.**
H.M. Kang, J.H. Choi, S.J. Lee
- P - 37 PERIPAPILLARY MICROVASCULAR CHANGES IN THE FELLOW EYES OF PATIENTS WITH UNILATERAL RETINAL VEIN OCCLUSION: AN OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY STUDY.**
J.Y. Kim
- P - 38 TOMOGRAPHIC AND ELECTRON MICROSCOPY FINDINGS OF LAMELLAR HOLE ASSOCIATED EPIRETINAL PROLIFERATION IN CHOROIDEREMIA.**
V. Murro, D.P. Mucciolo, D. Giorgio, A. Sodi, T. Caporossi, G. Virgili, D. Bani, S. Rizzo
- P - 39 S100 MARKER IN THE DIAGNOSIS OF ATHEROSCLEROTIC ANGIOPATHY.**
D. Makhkamova
- P - 40 REPORT ON A CASE OF SOLITARY CAPILLARY DILATION WITH FEATURES OF PEVAC AND TYPE I MACULAR TELANGIECTASIA.**
M. Mambretti, C. Mansoldo, G. Marchini
- P - 41 ELECTROGENESIS OF THE RETINA AFTER VITRECTOMY FOR THE PRIMARY FULL-THICKNESS MACULAR HOLE.**
E. Nikolaenko, A. Kulikov

- P-42 **SPONTANEOUS RESOLUTION OF INTRARETINAL FLUID DUE TO OPTIC DISK PIT.**
I. Papandreou, A. Komninou
- P-43 **INTRAVITREAL BEVACIZUMAB IN TREATMENT OF PROLIFERATIVE TYPE 2 JUXTAFOVEAL TELANGIECTASIA.**
I. Perente
- P-44 **LENS-SPARING VITRECTOMY IN PREDOMINATELY POSTERIOR PERSISTENT FETAL VASCULATURE WITHOUT AXIAL LENS OPACIFICATION.**
N. Pastora, J. Peralta, J. Garcia-Hinojosa
- P-45 **VISUAL IMPROVEMENT IN A PATIENT WITH PARACENTRAL ACUTE MIDDLE MACULOPATHY TREATED WITH PROSTAGLANDIN E1.**
R.D. Steigerwalt
- P-46 **EVALUATION OF ANTIHYPERTENSIVE EFFECTIVENESS OF TAFLUPROST IN THE CONTEXT OF CHANGES IN THE IMMUNE AND BIOCHEMICAL PARAMETERS OF PATIENTS WITH PRIMARY OPEN-ANGLE GLAUCOMA.**
D. Tychibaeva, N. Yangieva
- P-47 **THE ANTI-ANGIOGENIC EFFECT OF ANTHOCYANIN OLIGOMER IN A MOUSE MODEL OF RETINOPATHY OF PREMATURITY.**
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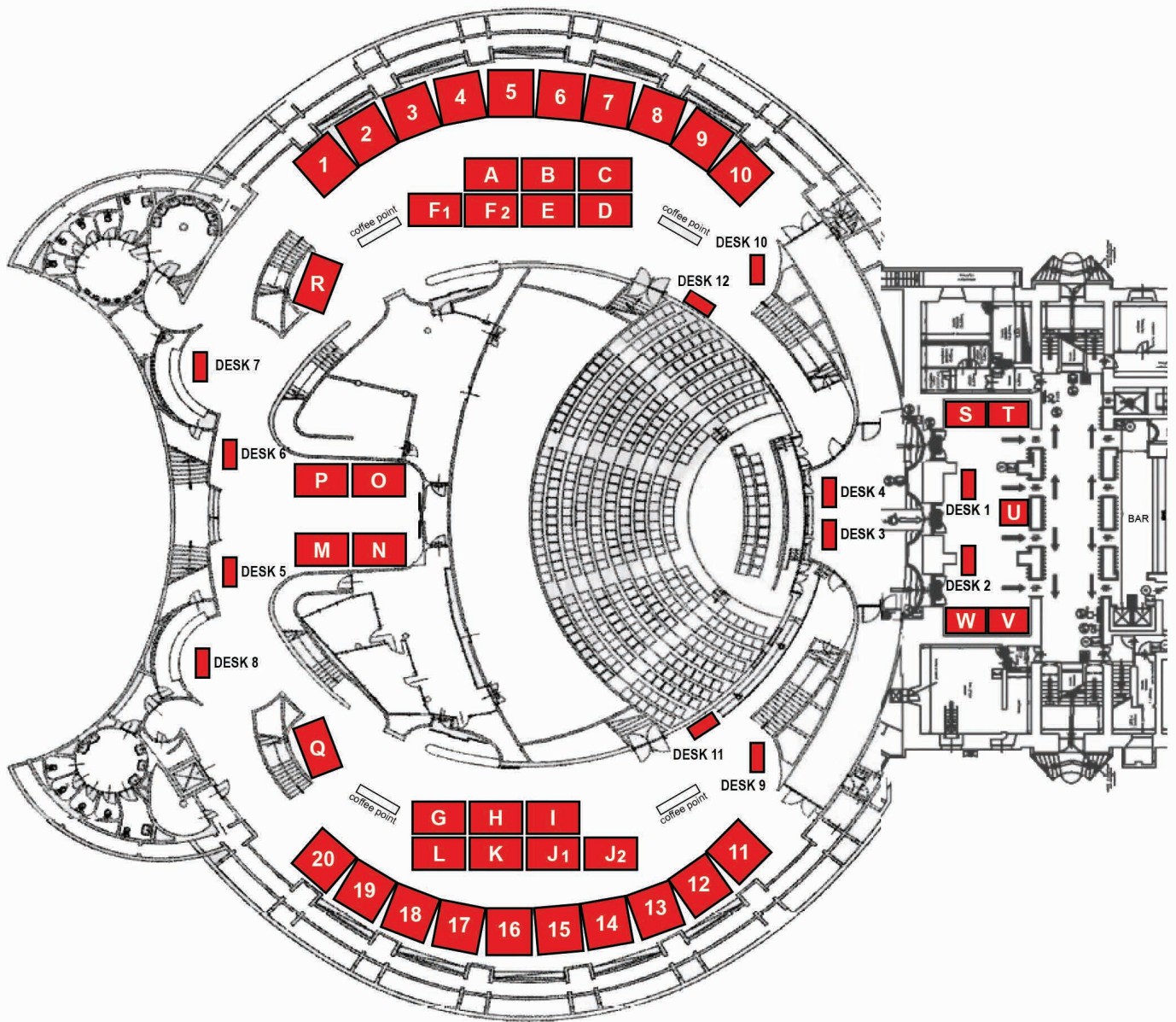
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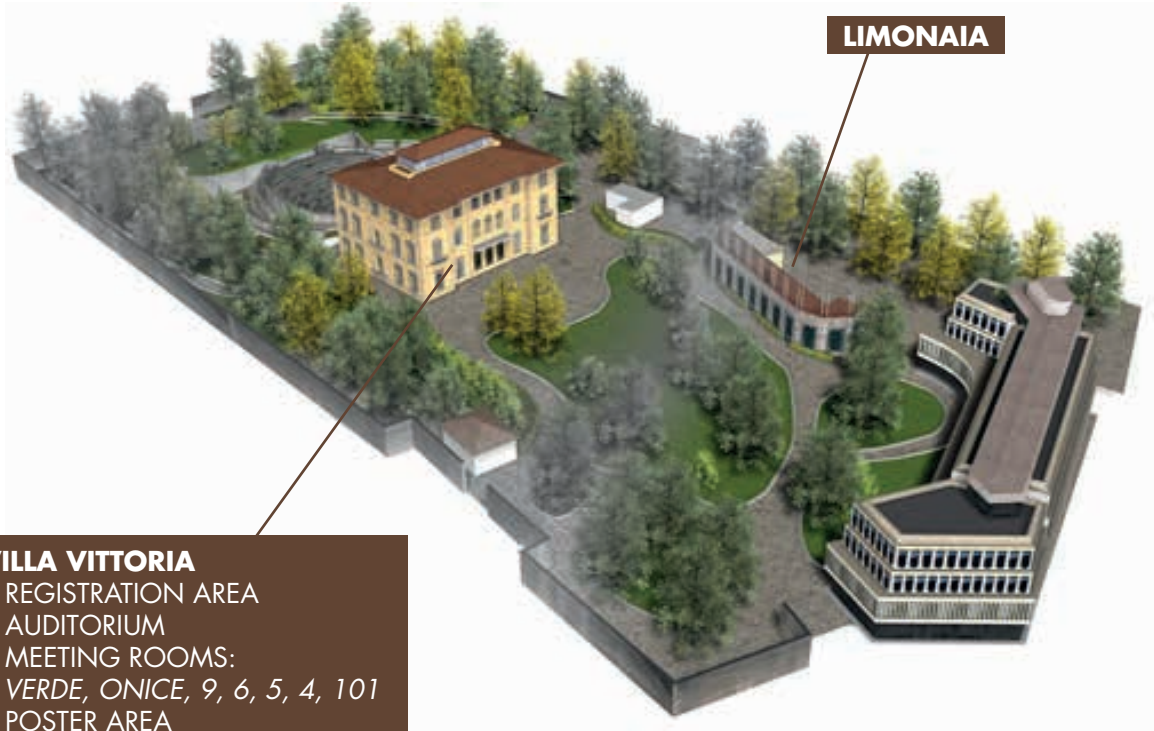
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AKTIVE	F1
AL.CHI.M.I.A.	E
ALCON	11 + 12 HOSPITALITY SUITE Room Limonaia - Garden Floor
ALFA INTES	S + T
ALLERGAN PHARMACEUTICALS	17 + 18 HOSPITALITY SUITE Room 5 - Ground Floor
BAUSCH + LOMB	9 + 10
BAYER	G + H + L + K
BLUE EYE	DESK 10
BRYN MAWR COMMUNICATIONS	DESK 13 Ground Floor - Entrance
C.M.S. CALDERARO MEDICAL SERVICE C.S.O. NEW TECH NIKON INSTRUMENTS	1 + 2 + 3
COMPAGNIA ITALIANA OFTALMOLOGICA	DESK 2
DIOPSYS	M
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ESASO	DESK 11
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HOYA GROUP	HOSPITALITY SUITE Room 101 - Floor +1

JOHNSON & JOHNSON VISION	DESK 1
LEICA MICROSYSTEMS	O
M.S. MEDICAL SERVICE	DESK 6
MEDIVIS	DESK 9
MEDONE SURGICAL	I
NIDEK MEDICAL	15
NOVARTIS PHARMA	20
NTC ITALIA	14
OCULUS OPTIKGERÄTE	P + U
OFFHEALTH	DESK 7
OFTALMEDICA	DESK 8
OMIKRON ITALIA	5
OPTIKON 2000	A + B
OXURION	W
POLIFARMA	N
POLYOFTALMICA.NEW	V
SECOND SIGHT MEDICAL PRODUCTS	4
SIFI	19
SOOFT ITALIA	R
THEA FARMA	J2
VEDI VISION / FIMAS per HEIDELBERG	F2
VITREQ	C + D
WISEPRESS	DESKS 3 + 4
ZEISS	6 + 7 + 8



EXHIBITION FLOORPLAN



LIMONAIA

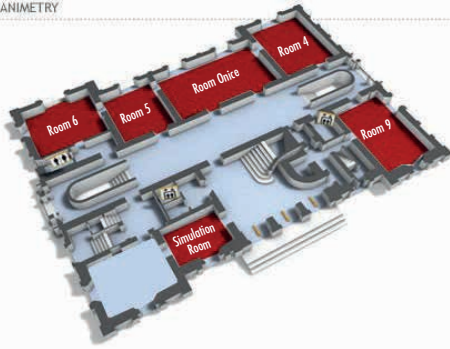
VILLA VITTORIA

- REGISTRATION AREA
- AUDITORIUM
- MEETING ROOMS:
VERDE, ONICE, 9, 6, 5, 4, 101
- POSTER AREA
- EXHIBITION AREA
- SPEAKERS PREVIEW ROOM
- CLOAKROOM

VILLA VITTORIA

GROUND FLOOR MEETING ROOMS

PLANIMETRY



3D VIEW

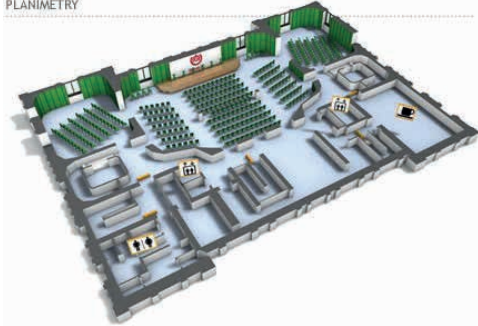


SECTION



FLOOR +2 ROOM VERDE

PLANIMETRY



3D VIEW

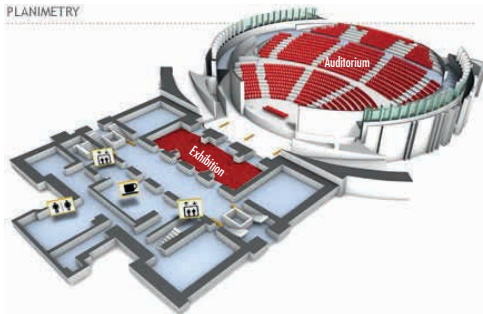


SECTION



FLOOR -1 AUDITORIUM, EXHIBITION, POSTER AREA

PLANIMETRY

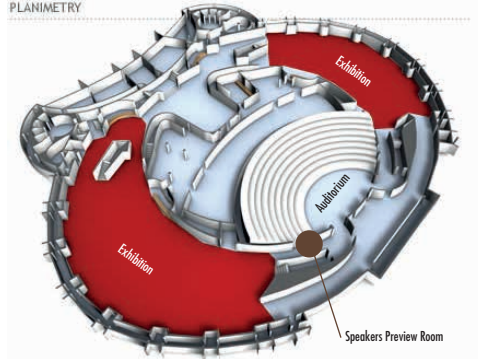


SECTION



FLOOR -2 AUDITORIUM, EXHIBITION, SPEAKERS, PREVIEW ROOM

PLANIMETRY



SECTION



CONGRESS VENUE

Palazzo dei Congressi

Piazza Adua, 1 - 50100 Florence (Italy)

www.firenzefiera.it

WEBSITE

The FLORetina official website is www.floretina.com.

LANGUAGE

English is the official language. Simultaneous translations English/Italiano will be provided during main sessions in Auditorium, Room Verde and Room Onice.

REGISTRATION DESK HOURS

The Registration Desk will be opened as follows:

Thursday 6: 11:00 - 19:00

Friday 7: 07:30 - 19:00

Saturday 8: 07:30 - 19:00

Sunday 9: 08:00 - 13:30

EXHIBITION OPENING HOURS

The Exhibition will be opened as follows:

Thursday 6: 13:00 - 19:00

Friday 7: 08:00 - 19:00

Saturday 8: 08:00 - 19:00

Sunday 9: 08:00 - 13:00

CONGRESS NAME BADGE

Upon registration you will receive your name badge.

You are kindly requested to wear your badge during all sessions and events.



CERTIFICATES OF ATTENDANCE

Certificates of attendance will be sent by email after the meeting to all the registered participants that will attend the scientific sessions.

INTERNET ACCESS Wi-Fi

Internet access Wi-Fi is available for congress participants throughout the public areas.

In order to log in please use the following user name and password:

Username: **floretina2019**

Password: **novartis**

FLORetina APP

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- See the overview of sessions, speakers and exhibitors;
- Create your own program for the event, including bookmarking the sessions you wish to attend;
- Vote during Live Surgery sessions;
- Receive real-time updates Download the FLOREtina App now to enhance your congress experience!

Download available on iTunes and Google Play stores.

BREAKS

Lunch and refreshment breaks are included in the delegate fee and will be available as follows:

Thursday 6:

Refreshment break 16:00 - 16:30, Exhibition Area

Friday 7:

Refreshment station 09:00 - 12:00, Exhibition Area

Lunch* 13:00 - 14:00, Exhibition Area + Lunch Symposia Rooms Foyers

Refreshment break 16:15 - 16:45, Exhibition Area

Saturday 8:

Refreshment station	09:00 - 12:00, Exhibition Area
Lunch*	13:00 - 14:00, Exhibition Area + Lunch Symposia Rooms Foyers
Refreshment break	16:15 - 16:40, Exhibition Area

Sunday 9:

Refreshment station	09:00 - 12:00, Exhibition Area
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**Tickets to collect the lunch box on Friday and Saturday are in your congress badge.*

Please note that the lunch boxes will be distributed in the Exhibition Area and in the Foyers of the Lunch Symposia Rooms.

CONGRESS DINNER

The Congress Dinner will be hosted at **Salone de' Cinquecento - Palazzo Vecchio**.

Friday 7, 20:30 - 23:30.

Admission is by tickets only and must be purchased in advance. Price € 85/person and subject to availability.

CLOAKROOM

A cloakroom is available for participants in the Level -1 close to the Exhibition Area and the Auditorium.

SPEAKERS PREVIEW ROOM

If you are speaking at the meeting, plan time to visit the Speakers Preview Room to review your presentation. This space will have an audio-visual tech on site.

The Speaker Preview Room will be located on the Level - 2 of the Palazzo Dei Congressi building, known as the PASSI PERDUTI.

This space is open during the following hours for speakers use:

Thursday 6:	11:00 - 18:30
Friday 7:	07:30 - 18:30
Saturday 8:	07:30 - 18:30
Sunday 9:	08:00 - 13:00



PowerPoint projection is available in all meeting rooms. For technical reasons speakers are not allowed to make presentations with their own laptops in the meeting rooms, but must load their presentation in the Speakers Preview Room.

E.C.M. (ITALIAN ATTENDEES ONLY)

Per il Congresso FLORetina 2019 non è previsto l'accREDITamento residenziale. Per garantire la possibilità di acquisire i crediti formativi, sarà incluso nella quota d'iscrizione un programma di formazione a distanza (FAD) rivolto ai Medici, Infermieri, Ortottisti ed Assistenti in Oftalmologia.

La piattaforma FAD sarà disponibile a partire dal 31 Luglio 2019 fino al 31 dicembre 2019 all'indirizzo www.floretina.com

Ai fini dell'ottenimento dei crediti ECM è necessario:

- Collegarsi al sito ed inserire i propri dati personali e il proprio indirizzo email usando l'apposito form di registrazione;
- Validare la propria utenza attraverso un apposito link ricevuto all'indirizzo email fornito;
- Completare il percorso formativo e compilare tutti i questionari.

L'attestazione dei crediti è subordinata al superamento del questionario di valutazione dell'apprendimento con una percentuale uguale o superiore al 75% di risposte esatte (numero massimo di 5 tentativi a scalare).

L'attestato ECM, qualora ne ricorrano le condizioni, sarà scaricabile dall'apposita sezione "crediti ECM" del sito.

MOBILE PHONES

Please do not forget to turn your mobile phones to silent mode during sessions.

NON-SMOKING POLICY

The FLORetina Congress is a Non-Smoking event. Delegates are reminded that smoking in enclosed spaces is illegal in Italy.

LIABILITY AND INSURANCE

The Congress Secretariat and Organizers cannot accept liability for personal accidents or loss of or damage to private property of participants. Participants are advised to take out their own personal travel and health insurance for their trip.

SAFETY AND SECURITY

Please do not leave bags or suitcases unattended at any time, whether inside or outside the session halls.

FIRST AID

Should you require first aid assistance, please contact the registration desk or any uniformed member of the meeting staff.

CURRENCY

Euro (EUR)

All major credit cards (Visa, MasterCard, American Express) are accepted in most of the restaurants, shops etc.

ELECTRICITY

The electric current supplied is 220 V. Round, two-pin plug points are available, as elsewhere in Europe.

In case you have any devices from the USA or UK, please remember to bring a transformer/adaptor.

BANKING

Most Florence banks open between 08:30 and 13:30 and 14:45 to 15:45 Monday to Friday. They are closed on weekends and public holidays and most of them have a cash dispenser and a currency exchange service.

TRANSPORTATION

- From the main train station: Firenze S. Maria Novella is the main station located right inside the city centre, in Piazza della Stazione, and a primary hub in Firenze's public transport system. It hosts over 400 trains per day and is a major intersection point for many bus and taxi lines. The train station is located in front of the congress center.
 - From the airport: you can reach the congress center in tramvia, thanks to the new Leonardo Line T2 connecting the Airport to Piazza dell'Unità Italiana in 20 minutes. The "UNITA'" stop is in 400 mt far from the congress center. Ticket cost is € 1,50
 - Taxis: Taxis in Florence can be ordered by phone:
+39 055 4242
+39 055 4390
or found at the official taxi stands. You cannot stop a taxi on the road.



- Bus: Florence has a comprehensive network of local bus routes. Most of them stop at the main railway station and therefore near to the convention venue. Bus tickets can be purchased at most coffee bars and kiosks. Fare is €1,20 multiple trips, valid up to 90 minutes.
- Car parking: There are several paying parking areas around the Congress venue.

USEFUL TELEPHONE NUMBERS IN FLORENCE

- Medical emergency: 118
- Fire emergency: 115
- Police: 113
- Florence airport - information: 055 3061300
- Florence airport - lost luggage: 055 3061302
- For international calls from Italy: 00 + country code + number
- For international calls to Italy: +39 + city code + number
- 24hour Pharmacies:
 - Santa Maria Novella Station
 - Via Calzaiuoli, 7 r
 - Piazza San Giovanni, 20

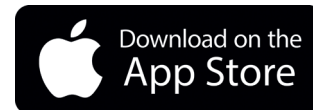


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ACKNOWLEDGMENTS

FLORetina

Florence Retina Meeting

2019

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