



# 6<sup>th</sup> Thessaloniki Vitreo-Retinal Summer School

Organizer



MEDITERETINA CLUB

Co-organizers



SAN RAFFAELE SCIENTIFIC INSTITUTE , MILAN, ITALY



"JULES-GONIN" EYE CLINIC, LAUSANNE, SWITZERLAND



CITY OF THESSALONIKI



JUNE 13-18, 2016

Thessaloniki, Electra Palace Hotel



website: [www.tvrs.gr](http://www.tvrs.gr)



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# *6<sup>th</sup> Thessaloniki Vitreo-Retinal Summer School*

is dedicated to our dear friend and great teacher Cesare Forlini.  
His unexpected loss left a huge gap to all of us.





San Raffaele Scientific  
Institute, Milan, Italy

## CO-ORGANIZERS



“Jules-Gonin” Eye Clinic,  
Lausanne, Switzerland



“G. Papanikolaou”  
Eye Clinic, Thessaloniki  
General Hospital, Greece

## WET LABS – DRY LABS – SIMULATOR – TRUE TO LIVE SURGERY

### Wet Labs Coordinators:

E. Mavrikakis	E. Liazos	V. Reppucci
A. Charonis	E. Manousakis	

### Wet Labs Instructors:

F. Balta	H. Hristova	H. Linardi
E. Fadel	G. Huning	I. Panidou
F. Fayyad	A. Kapetanios	K. Papadopoulou

### Simulator Instructors:

G. Fasolino	T. Ovali	V. Reppucci
K. Nikolakopoulos	K. Papadopoulou	G. Ripandelli

### Dry Labs Coordinator:

L. Mavroudis	M. Moussa
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### Dry Labs Instructors:

D. Eleftheriadou	D. Kaniouras
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### True to Live Surgery:

K. El-Rakhawy	A. Nikolakopoulos	V. Reppucci
F. Fayyad	T. Ovali	P. Stalmans
V. Ferrara	J. Pournaras	A. Vakalis

## 3D HEADS UP WET LAB COORDINATORS

T. Aaberg	A. Nikolakopoulos
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## PAPANIKOLAOU EYE CLINIC THESSALONIKI

### Organizing committee:

E. Fadel	I. Panidou
T. Panakleridou	S. Tsironi

## WELCOME ADDRESS

We welcome you all to the **6<sup>th</sup> Thessaloniki Vitreo-Retinal Summer School**

DEDICATED TO CESARE FORLINI

*This year, all of us in Thessaloniki Vitreoretinal Summer School and Mediteretina Society Club, suffered a great loss. Cesare Forlini, a co founder, an incredible surgeon, our teacher and our best friend is no longer with us. We will surely miss him, yet his memory will continue to inspire us. Fortunately his son Matteo is following in his footsteps.*

*We are very proud of the progress we have made over the past 6 years. The idea of our mentor Giuseppe Guarnaccia started in Chalkidiki with a small gathering of friends from around the world and has grown to a 15 surgical position Vitrectomy Wet Lab Including The ADVANCED TRUE TO LIFE WET LAB.*

*Where else can one find all the latest update systems such as Constellation, Eva, Stellaris, Versavit, Ortyl, and Haag Streit Ffloor microscopes with 3D Screens to test HEADS UP, machine vision practicing in High technology, Artificial Eyes in ILM removal, Dropped nucleus, FB removal, Silicone oil and PFCL. Using only 25g and 27g systems including the Finesse ILM start up technique.*

*This year we will have the latest in Retina Surgery instrumentation brought by CATALYST USA who are currently launching their new innovative ideas in Europe. We also hope that True Vision and D. AKTYPIS will manage to overcome any difficulties and find the time to join us.*

*Our biggest success this year, is the presence of experienced 3D Surgeons like Chris Riemann and Thomas Aberg from the USA. Their presence motivated a lot of our faculty teachers to apply along with their students for the course.*

*Vitrectomy and Buckle current evolution surgery, Vitrectomy For Cataract Surgeons, BISOFT technique for Dropped Nucleus and Scleral sutures fixated IOL are all revolutionary methods that will be taught during this year's TVRS.*

*Medical Retina in Lectures and dry labs will be covering most of the week's morning time, whereas the latest in Retina treatment will be presented by Professor Bandello, our co-organizer from San Raffaele University in Milan.*

*This year Angio OCT Dry Lab by L Mavroudis will address all the new developments in Retina Diagnosis. A new name and a new land to explore. One that we have never seen before.*

*The trauma session is now embedded in our program. From now on there will be a key speaker for a CESARE FORLINI LECTURE to take place every year.*

*Added to the advantages of TVRS is our Coorganizer L. Zografos who will give lectures on Eye tumors diagnosis and treatment.*

*Every evening a most interactive dinner by the sea will take place, giving the opportunity to the participants to get to know our faculty teachers.*

*Last but not least, the J.D.Scott award will be given to the best participant in the evaluation test.*

*A downside of TVRS is the limited number of participants that can be accepted to receive this intensive training by more than 30 International Teachers and Instructors from all over the world. and at the same time to keep the overall cost as low as possible.*

*Hence, I would like to thank the industry that kept us afloat and going in such difficult years.*

*We, at TVRS, promise not to compromise or reduce the quality of the program for the wrong side of cost efficiency.*

Looking forward to seeing you in Thessaloniki

On Behalf of the Organizing Committee,



**Bandello Francesco**  
Professor and Chairman,  
Department of Ophthalmology,  
San Raffaele Scientific Institute,  
Milan, Italy  
[bandello.francesco@hsr.it](mailto:bandello.francesco@hsr.it)



**Zografos Leonidas**  
Professor and Chairman  
of the University Eye Clinic,  
Lausanne, Switzerland  
[l.zografos@oncol.ch](mailto:l.zografos@oncol.ch)



**Nicolakopoulos Athanasios**  
President  
of the Mediteretina Club,  
Thessaloniki, Greece  
[anikolako@yahoo.gr](mailto:anikolako@yahoo.gr)

## GENERAL INFORMATION

### Organization:

San Raffaele Scientific Institute, Milan, Italy - "Jules-Gonin" Eye Clinic, Lausanne, Switzerland - Mediteretina Club

### Venue:

Electra Palace Hotel  
9, Aristotelous square, Thessaloniki, Greece  
Tel: +30 2310 294000  
Website: [www.electrahotels.gr](http://www.electrahotels.gr)

### Dates:

Tuesday 14<sup>th</sup> – Saturday 18<sup>th</sup> June, 2016

### Official Language:

The official language is English. Simultaneous translation will not be available.

### Registration Fees:

	Early Registration until May 15 <sup>th</sup>	Late Registration from May 16 <sup>th</sup>
Registration Fee	€ 1.300,00	€ 1.400,00

**Registration Fee:** includes all lectures in the main theatre, 5 days wet labs, welcome cocktail, coffee breaks, lunch breaks, dinner, and goodbye dinner.

**Theory classes only... choose your days!**

In order to facilitate some colleagues who would like to attend the lectures only, we will provide daily tickets for 150.00 euros each including lunch.

### School Secretariat:

#### MEMPHIS TRAVEL S.A.

3 Aristotelous street, 546 24 Thessaloniki, GREECE  
Tel.: +30 2310 242005, Fax: +30 2310 281508  
E-mail: [memphis@otenet.gr](mailto:memphis@otenet.gr), Website: [www.tvrs.gr](http://www.tvrs.gr)



## GENERAL INFORMATION

### On Site Registrations:

On site registrations will be possible throughout the School duration, during session hours, **cash only**.

### Dress Code:

Casual

### School Secretariat:

The School Secretariat will operate during the following days & hours:

Monday, June 13<sup>th</sup>, 2016: 18:00-19:30  
Tuesday, June 14<sup>th</sup>, 2016: 08:30-13:00 & 15:00-16:00  
Wednesday, June 15<sup>th</sup>, 2016: 08:30-13:00 & 15:00-16:00  
Thursday, June 16<sup>th</sup>, 2016: 09:00-13:00 & 15:00-16:00  
Friday, June 17<sup>th</sup>, 2016: 08:30-13:00 & 15:00-16:00  
Saturday, June 18<sup>th</sup>, 2016: 09:00-14:00

### Name Badges:

For reasons of security participants are kindly requested to wear their name badge throughout all school hours & events.

### Certificates of Attendance:

At the end of the School participants will receive their Certificate of Attendance from the Secretariat, with their name badge.



## SCIENTIFIC INFORMATION

### Lectures:

Due to the density of the Scientific Program, speakers are kindly requested to adhere strictly to their allocated time.

Presentations will be supported by Power Point and should be handed to the Technical Secretariat of the School at least 1 hour prior to the session.

### Wet Labs operated by MTS :



There will be 8-15 microscopes and vitrectomy machines using wide angle EIBOS non-contact observation systems and others performing only 23G and 25G MIVS vitrectomy.

### Topics:

- Getting in the position to see the fundus trocal placement.
- Vitreous hemorrhage vitrectomy
- Lensectomy – treating lense complications for the cataract surgeon – use of the side ports and the infusion as a maintainer.
- Foreign body removal
- Primary vitrectomy in retina detachment
- Fluid air exchange
- Perfluorocarbon
- Silicon oil injections
- How to inject medicines into the eye etc

### Dry Labs:

Vitrectomy and ILM removal from artificial eyes using 23G and 25G special forceps.

### Medical Retina Labs:

New angio OCT Dry Lab  
new diagnostic possibilities

### True to Live Surgery (TTL):

- Complete floor mounted microscopes
- Newest technology vitrectomy machines
- Current wide angle observation systems
- Artificial eyes for ILM removal



## SCIENTIFIC PROGRAM

### Monday, June 13, 2016

- 18:00 – 19:00 Registration  
20:00 Reception Cocktail

### Tuesday, June 14, 2016

- 08:30 – 09:00 Registration  
**Moderator: V. Ferrara**
- 09:00 – 09:30 Changing our machines... changing our surgery...  
**V. Ferrara, Italy**
- 09:30 – 09:45 Cesare Forlini Video “My Way”  
A small tribute to our Teacher and friend
- 09:45 – 10:15 The digital microscope and heads up surgery  
**T. Aaberg, U.S.A**
- 10:15 – 10:45 Principles of diabetic vitrectomies  
**T. Aaberg, U.S.A**
- 10:45 – 11:15 3D printers in ophthalmology  
**G.M. Huning, Brasil**
- 11:15 – 11:45 Coffee Break  
**Moderator: G. Fasolino**
- 11:45 - 12:15 New diagnostic tools for retina diseases  
**G. Fasolino, Italy**
- 12:15 – 12:45 Anti VGF therapy for retina vein occlusion  
**G. Fasolino, Italy**
- 12:45 – 13:15 Preliminary results in a laser induced BRVO in rats and treatment evaluation  
**K. Nikolakopoulos, Switzerland**
- 13:15 – 14:15 Lunch  
Industry presentation: **Haag Streit Surgical**  
**Moderator: S. Gotzaridis**
- 14:15 – 15:45 1. Fluidics of the EVA system  
2. Practical tips and tricks in combined phaco vitrectomy  
3. 27G Frontiers  
**P. Stalmans, Belgium**
- 15:45 – 16:15 Secondary IOL implants  
**V. Ferrara, Italy**
- 16:15 – 16:45 Wet Hemorrhagic AMD  
**S. Gotzaridis, Greece**
- 16:45 – 18:45 Wet Labs  
**Wet Labs Instructors:** **V. Ferrara, Italy** **P. Stalmans, Belgium**  
**T. Aaberg, U.S.A.** **S. Gotzaridis, Greece** **E. Fadel, Greece**  
**S. Liazos, Greece** **A. Nikolakopoulos, Greece** **C. Linardi, Greece**  
**Simulator Instructors:** **A. Papadopoulou, Greece** **I. Panidou, Greece**  
**K. Nikolakopoulos, Switzerland**
- 20:00 Dinner

## SCIENTIFIC PROGRAM

Wednesday, June 15, 2016

Moderator: **L. Mavroudis**

09:00 – 10:00 Diabetic Retinopathy 2016 (Interactive)

**M. Bitziou**, *Sweden*

10:00 – 10:30 Macula Hole surgery

**A. Nikolakopoulos**, *Greece*

10:30 – 11:00 Angio OCT in AMD

**L. Mavroudis**, *Greece*

11:00 – 11:30 Coffee Break

Moderator: **K. El-Rakhawy**

11:30 – 12:00 The evolution of macula pucker surgery from simple to advanced

**K. El-Rakhawy**, *Egypt*

12:00 – 12:30 To peel or not to peel the internal limiting membrane in macula pucker surgery, a microperimetric response

**G. Ripandelli**, *Italy*

12:30 – 13:00 Use angio OCT and fines scracher in 27G + Macula interface surgery

**A. Nikolakopoulos**, *Greece*

13:00 – 14:00 Lunch

Industry Presentation

14:15 – 14:45 OCT angiography a new valuable tool in clinical practice

**M. Moussa**, *Egypt*

14:45 – 15:15 Mystery retina panel

Interactive session with the floor

**M. Moussa**, *Egypt*

15:15 – 16:00 Vitrectomy in ocular tumors

**J. Pournaras**, *Switzerland*

16:00 – 18:30 Wet Labs

**Wet Labs Instructors:**

**K. El-Rakhawy**, *Egypt*   **J. Pournaras**, *Switzerland*

**A. Kapetanios**, *Greece*,   **G. Huning**, *Brazil*

**I. Panidou**, *Greece*

**C. Christova**, *Bulgaria*

20:00 Dinner

## SCIENTIFIC PROGRAM

**Thursday, June 16, 2016**

**Moderator: S. Teixeira**

- 09:30 – 10:00 Update on myopic CNV  
**F. Bandello, Italy**
- 10:00 – 10:30 OCT in best vitelliform macular dystrophy  
**F. Bandello, Italy**
- 10:30 – 11:00 OCT in ROP  
**S. Teixeira, Portugal**
- 11:00 – 11:30 Coffee Break

**Moderator: M. Moussa**

- 11:30 – 12:00 Imaging the choroid : the forgotten frontier!  
**M. Moussa, Egypt**
- 12:00 – 12:30 How to manage perforating injuries- deep chorioretinectomy  
**S. Teixeira, Portugal**
- 12:30 – 13:00 ROP the state of ART  
**S. Teixeira, Portugal**

13:00 – 14:00 Lunch

Industry Presentation

**Moderator: V. Reppucci**

- 14:00 – 14:30 Complicated surgeries MIVS and silicone oil 5700 CTS  
**A. Nikolakopoulos, Greece**
- 14:30 – 15:00 Finding the retina hole  
**V. Reppucci, U.S.A.**
- 15:00 – 15:30 Scleral buckle as primary RD repair  
**V. Reppucci, U.S.A.**
- 15:30 – 16:00 In office intravitreal injection technique  
**V. Reppucci, U.S.A.**
- 16:00 – 16:30 Vitrectomy update  
**J. Pournaras, Switzerland**
- 16:30 – 18:30 Wet Labs

**Wet Labs Instructors:**

<b>E. Mavrikakis, Greece</b>	<b>V. Reppucci, U.S.A.</b>	<b>J. Pournaras, Switzerland</b>
<b>S. Teixeira, Portugal</b>	<b>G. Huning, Brasil</b>	<b>A. Charonis, Greece</b>
<b>S. Liazos, Greece</b>	<b>K. El-Rakhawy, Egypt</b>	<b>E. Manousakis, Greece</b>

20:00 Dinner

## SCIENTIFIC PROGRAM

Friday, June 17, 2016

Moderator: **T. Ovali**

- 09:00 – 09:30 Rhegmatogenous retinal detachment and PVR detachment  
**F. Balta, Romania**
- 09:30 – 10:00 27G surgery and its limitations  
**T. Ovali, Turkey**
- 10:00 – 10:30 6-SS-OCT and en face technique: impact on diagnosis and management of vitreoretinal disorders  
**M. Moussa, Egypt**
- 10:30 – 11:00 OCT angiography a new diagnostic challenge in assessing the activity of CNV  
**M. Moussa, Egypt**
- 11:00 – 11:15 Coffee Break
- Moderator: **V. Reppucci**
- 11:15 – 12:00 Cesare Forlini Lecture by Fayyad Faisal, *Jordan*  
Management of severe ocular trauma and retained intraocular foreign bodies
- 12:00 – 12:30 Diagnosis and Management of Uveal Melanomas in 2016.  
Theory and practice  
**L. Zografos, Switzerland**
- 12:30 – 13:00 PVR surgical technique of anterior vitreous base resection (Retinotomy)  
**V. Reppucci, U.S.A.**
- 13:00 – 14:00 Lunch  
Industry Presentation
- Moderator: **F. Balta**
- 14:00 – 14:30 Sub retinal hemorrhages treatment  
**A. Vakalis, Greece**
- 14:30 – 15:00 Indication and techniques in ILM peeling from a detached retina  
**K. El-Rakhawy, Egypt**
- 15:00 – 15:30 Scleral fixated IOL  
**T. Potamitis, Cyprus**
- 15:30 – 16:00 Bimanual soft technique (BI SOFT) for dropped nucleus and endoscleral IOL  
**A. Nikolakopoulos, Greece**
- 16:00 – 18:30 Final exam followed by advanced Wet Lab and Simulator
- Wet Labs Instructors:** **K. El-Rakhawy, Egypt**      **E. Mavrikakis, Greece**  
**F. Fayyad, Jordan**      **A. Vakalis, Greece**      **E. Manousakis, Greece**  
**E. Fadel, Greece**      **V. Reppucci, U.S.A.**      **T. Potamitis, Cyprus**  
**V. Grigoropoulos, Greece**      **F. Balta Romania**
- Simulator Instructor:** **K. Nikolakopoulos, Switzerland**
- 20:00 Barbouni Night - Goodbye Dinner

## SCIENTIFIC PROGRAM

**Saturday, June 18, 2016**

**Moderator: E. Mavrikakis**

- 09:30 – 10:00** Pneumatic Retinopexy: All you need to know and beyond  
**E. Mavrikakis** *Greece*
- 10:00 – 10:30** Intraoperative OCT  
**V. Grigoropoulos**, *Greece*
- 10:30 – 11:00** About ILM removal  
**E. Parikakis**, *Greece*
- 11:00 – 11:45** Bimanual surgery in the management of complicated diabetic vitrectomies  
**F. Fayyad**, *Jordan*
- 11:45 – 12:15** Macula Hole Surgery  
**A. Nikolakopoulos**, *Greece*
- 12:15 – 13:15** Lunch - End of Meeting

## SCHOOL FACULTY

THOMAS AABERG	U.S.A.	KONSTANTINOS NIKOLAKOPOULOS	SWITZERLAND
FLORIAN BALTA	ROMANIA	CHARONIS ALEXANDROS	GREECE
FRANCESCO BANDELLO	ITALY	DOUKAS DARDABOUNIS	GREECE
MARIA BITZIOU	SWEDEN	DESPINA ELEFThERIA DOU	GREECE
HRISTINA BLAGOEVA	BULGARIA	ELIAS FADEL	GREECE
GIUSEPPE FASOLINO	ITALY	EFSTRATIOS GOTZARIDIS	GREECE
FAISAL FAYYAD	JORDAN	VLASIS GRIGOROPOULOS	GREECE
VINCENZO FERRARA	ITALY	DIMOS KANIOURAS	GREECE
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ZIYA KAPRAN	TURKEY	GEORGE KRANIAS	GREECE
MAHMUT KASKALOGLU	TURKEY	EFSTATHIOS LIAZOS	GREECE
MAGDY MOUSSA	EGYPT	CHARA LINARDI	GREECE
TUNC OVALI	TURKEY	EVANGELOS MANOUSAKIS	GREECE
THEODOROS POTAMITIS	CYPRUS	EMMANUEL MAVRIKAKIS	GREECE
JEAN-ANTOINE POURNARAS	SWITZERLAND	LEONIDAS MAVROUDIS	GREECE
KHALED EL-RAKHAWY	EGYPT	ATHANASIOS NIKOLAKOPOULOS	GREECE
VINCENT REPPUCCI	U.S.A.	TANIA PANAKLERIDOU	GREECE
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SUZANA TEIXEIRA	PORTUGAL	EFSTRATIOS PARIKAKIS	GREECE
LEONIDAS ZOGRAFOS	SWITZERLAND	SEVASTI TSIRONI	GREECE
		ATHANASIOS VAKALIS	GREECE

## ACKNOWLEDGMENTS

The Organizing Committee would like to thank the following Organizations and Companies whose participation and support contributed to the realization of the School:

- General Hospital of Thessaloniki "G. Papanikolaou"
- Medical Association of Thessaloniki
- National Organization for Medicines
- Ophthalmological Society of Northern Greece (O.S.N.G.)
- South-East European Ophthalmological Society (S.E.E.O.S.)
- The Ministry of Health
- The Municipality of Thessaloniki



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