

**MiECTiS** Minimal Invasive  
Extracorporeal Technologies  
International Society

*Innovation  
and  
Future*

**1st International Webinar on  
Minimal Invasive Extracorporeal  
Technologies**

**LIVE MiECT  
UPDATE MEETING**



**1-2 DECEMBER 2017**

Thessaloniki, Greece  
Porto Palace Hotel

Watch free at [www.miectis.org](http://www.miectis.org) / Live discussion



PCO - SECRETARY - INFORMATION  
INVENTICS - MEDEVENTS.GR

T. +30 2310 474 400 | E. [info@medevents.gr](mailto:info@medevents.gr) | W. [www.medevents.gr](http://www.medevents.gr)

GNTO License: 09.33.E.60.00.01087.00



## Symposium President



**Kyriakos Anastasiadis**  
Professor of Cardiac Surgery  
Aristotle University of Thessaloniki  
Head of Cardiothoracic Department  
AHEPA University Hospital  
Thessaloniki, Greece  
Executive Board MiECTiS

## Symposium Secretary



**Polychronis Antonitsis**  
Ass. Professor of Cardiac Surgery  
Aristotle University of Thessaloniki  
Cardiothoracic Department,  
AHEPA University Hospital  
Thessaloniki, Greece  
Secretary MiECTiS



**Congress Venue:** Porto Palace Hotel, Thessaloniki, Greece

## Under the Auspices of

“Aristotle” University  
of Thessaloniki



## PCO

**INVENTICS SA – Medevents.gr**  
Technopolis, Building Thermi II  
9<sup>th</sup> klm Thessaloniki-Thermi, P.O. Box  
60714  
Zip 57001, Thermi, Thessaloniki, Greece  
T. +30 2310 474 400  
E. info@medevents.gr  
W. www.medevents.gr



## Invited Faculty

### **Kyriakos Anastasiadis (Greece)**

Professor of Cardiac Surgery

Head of Cardiothoracic Department, AHEPA University Hospital, Thessaloniki

### **Polychronis Antonitsis (Greece)**

Ass. Professor of Cardiac Surgery

Cardiothoracic Department, AHEPA University Hospital, Thessaloniki

### **Helena Argiriadou (Greece)**

Ass. Professor of Anaesthesiology

Cardiothoracic Department, AHEPA University Hospital, Thessaloniki

### **Robert Baker (Australia)**

Professor, Cardiac Surgery Research and Perfusion

Flinders University Medical Centre, Adelaide

Chair, International Consortium for Evidence-Based Perfusion AmSECT

### **Adrian Bauer (Germany)**

Chief Perfusionist

Department of Cardiovascular Perfusion, MediClin Heart Center Coswig

President German Society of Cardiovascular Engineering

### **Thierry Carrel (Switzerland)**

Professor of Cardiovascular Surgery, University of Bern

Chairman, Clinic for Cardiovascular Surgery, Hospital of Bern

### **Filip De Somer (Belgium)**

Professor, Clinical Perfusionist

Department of Interventional and Surgical Cardiology, University of Gent

### **Aschraf El-Essawi (Germany)**

Cardiac Surgeon

Department of Thoracic and Cardiovascular Surgery, Braunschweig

### **Yuri Ganushchak (The Netherlands)**

Chief Perfusionist

Maastricht University Medical Center

### **Serdar Gunaydin (Turkey)**

Professor of Cardiac Surgery

Director, Department of Cardiovascular Surgery, Medline Hospitals, Ankara

### **Hansjorg Jenni (Switzerland)**

Chief Perfusionist

Clinic for Cardiovascular Surgery, University Hospital of Bern



**Bob Kiaii (Canada)**

Professor of Cardiac Surgery  
Chief of Cardiac Surgery, London Health Sciences, Ontario  
Secretary ISMICS

**Andreas Liebold (Germany)**

Professor of Cardiac Surgery  
Director, Department of Cardiac Surgery, University of Ulm

**Valerio Mazzei (Italy)**

Cardiac Surgeon  
Department of Adult Cardiac Surgery, Mater Dei Hospital, Bari

**John Murkin (Canada)**

Professor of Anesthesiology  
Director, Department of Anesthesiology and Perioperative Medicine, Ontario

**Marco Ranucci (Italy)**

Professor of Anaesthesiology  
Head, Cardiothoracic Anaesthesiology Department, San Donato Hospital, Milan

**Cyril Serrick (Canada)**

Manager, Perfusion and Anesthesia Services  
University Health Network, Toronto

**Oz M. Shapira (Jerusalem)**

Professor of Cardiothoracic Surgery  
Department of Cardiothoracic Surgery, Hadassah Medical Center, Jerusalem

**Christoph Starck (Germany)**

Professor of Cardiac Surgery  
German Heart Center, Berlin

**Alexander Wahba (Norway)**

Professor of Thoracic Surgery  
St. Olavs University Hospital, Trondheim  
President EBCP



## Participants

### **Gianni Angelini (UK)**

Professor of Cardiac Surgery  
Head, Bristol Heart Institute

### **Christophe Baufreton (France)**

Professor of Cardiac Surgery  
Head, Cardiothoracic Department, Angers

### **Andreas Becker (Germany)**

Marketing Director, Terumo Europe N.V.

### **Mark Bennett (UK)**

Consultant Anaesthiologist  
Derriford Hospital, Plymouth

### **Apostolos Deliopoulos (Greece)**

Chief Perfusionist  
Cardiothoracic Department, AHEPA University Hospital, Thessaloniki

### **Francesco Formica (Italy)**

Ass. Professor of Cardiac Surgery  
University of Milano-Bicocca, San Gerardo Hospital, Monza

### **Yves Fromes (France)**

Professor of Physiology  
University Pierre and Marie Curie (Paris 06)

### **Erich Gygax (Switzerland)**

Clinical Specialist  
Fumedica AG

### **Carole Hamilton (Germany)**

Chief Perfusionist  
Department of Thoracic and Cardiovascular Surgery, Vogtareuth

### **Christian Hofsetter (Germany)**

Global Product Manager HLM, LivaNova

### **Alexander Kadner (Switzerland)**

Professor of Cardiac Surgery  
Clinic for Cardiovascular Surgery, University Hospital of Bern

### **Oliver Liakopoulos (Germany)**

Professor of Cardiac Surgery  
Department of Cardiothoracic Surgery, Cologne





**Clinton Lloyd (UK)**

Consultant Cardiac Surgeon  
Derriford Hospital, Plymouth

**Deborah Loellgen (Germany)**

Global Product Manager, Acute Care Therapies, Maquet Cardiopulmonary GmbH

**Nikolaos Maniadakis (Greece)**

Professor of Health Economics  
National School of Public Health, Athens

**Learco Mottola (Italy)**

Head of Medical Affairs, CSL Behring Italy & Greece

**Prakash Punjabi (UK)**

Consultant Cardiac Surgeon  
National Heart and Lung Institute, Imperial College, London  
Editor Perfusion Journal

**Barney Reeves (UK)**

Professor of Health Services Research  
Clinical Trials & Evaluation Unit, School of Clinical Sciences, University of Bristol

**Hans Seiler (Germany)**

Perfusionist  
Perf-Cons

**Alberto Tassi (Italy)**

Marketing Manager, EUROSETS S.r.l

**Michael Van Driel (Switzerland)**

Business Director ECT, Medtronic Inc

**Thorsten Wahlers (Germany)**

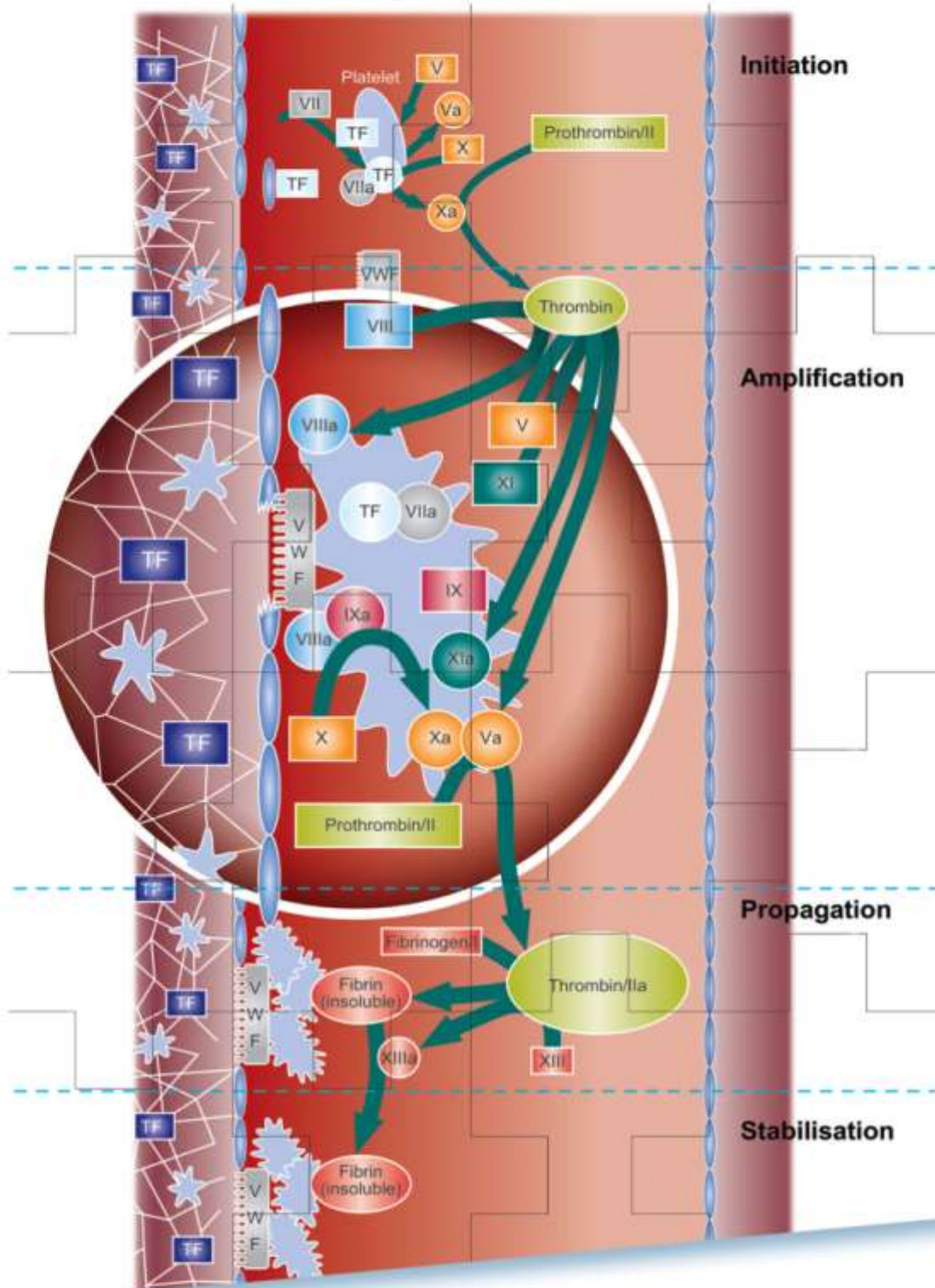
Professor of Cardiac Surgery  
Department of Cardiothoracic Surgery, Cologne

**Alaaddin Yilmaz (Belgium)**

Cardiac Surgeon, Department of Cardiothoracic Surgery, Jessa Hospital

# Factors for life

## Coagulation cascade



BERIPLEX/AD/01/0117

**RIASTAP**<sup>®</sup>  
Fibrinogen Concentrate

**Beriplex**<sup>®</sup> P/N  
Prothrombin Complex Concentrate

Biotherapies for Life™ **CSL Behring**

Για περισσότερες πληροφορίες, παρακαλούμε συμβουλευτείτε τις Περιλήψεις Χαρακτηριστικών των Προϊόντων, που διατίθενται από τη **CSL Behring** Χατζηγιάννη Μέση 5, 11528 Αθήνα, Τηλ.: 210 7255660, Fax: 210 7255663.



## FINAL SCIENTIFIC PROGRAM

**Friday 1<sup>st</sup> December 2017**

**16:30 - 16:45**

**Welcome – introduction to the Meeting**

**Kyriakos Anastasiadis, President**

**16:45 - 17:45**

**Expanding MiECTiS**

**Moderators: Kyriakos Anastasiadis, Thierry Carrel,  
Polychronis Antonitsis, Cyril Serrick**

Discussants:

*Training on MiECC systems – Current perspectives*

**Kyriakos Anastasiadis**

*Planning the future of MiECC*

**Thierry Carrel**

*Teamwork during cardiac surgery on MiECC*

**John Murkin**

*EBCP-MiECTiS; Should MiECC training be mandatory in all  
perfusionists' training programmes?*

**Alexander Wahba**

*Penetration of MiECC in AmSECT*

**Rob Baker**

*MICS-MiECC; a necessity*

**Serdar Gunaydin**

*Collaboration between ISMICS-MiECTiS*

**Bob Kiaii**

**Commentators: Prakash Punjabi, Hans Seiler, Adrian Bauer,  
Carole Hamilton, Alaaddin Yilmaz**





**17:45 - 18:05**

**MiECC; Input from the Industry: Research & Development**

Moderators: **Kyriakos Anastasiadis, Thierry Carrel, Adrian Bauer, Serdar Gunaydin**

Discussants:

*MiECC in cardiac surgery redesigning a process*  
**Aschraf El-Essawi**

*Is MiECC cost-effective?*  
**Nikolaos Maniadakis**

**18:05 – 19:15**

**Industry Forum**

**Michael Van Driel, Andreas Becker, Christian Hofsetter, Deborah Loellgen, Alberto Tassi**

**19:15 - 20:30**

**Towards more physiologic perfusion**

Moderators: **Adrian Bauer, Polychronis Antonitsis, Marco Ranucci, John Murkin**

Discussants:

*Optimizing CPB systems; where MiECC stands?*  
**Filip De Somer**

*MiECC- clinical biomaterial evaluation*  
**Serdar Gunaydin**

*MiECC strategy*  
**Polychronis Antonitsis**

*MiECT in pediatric cardiac surgery*  
**Hansjörg Jenni**

*Safety aspects of MiECC*  
**Cyril Serrick**

*What is optimal perfusion during MiECC?*  
**Yuri Ganushchak**

Commentators: **Alexander Kadner, Erich Gygax, Mark Bennett, Apostolos Deliopoulos**



## Saturday 2<sup>nd</sup> December 2017

**09:00 - 10:00**

### **MiECC - Coagulation management**

Moderators: **Marco Ranucci, John Murkin**

Discussants:

*The role of fibrinogen in cardiac surgery*

**Marco Ranucci**

*Optimal coagulation monitoring and management during surgery on MiECC*

**Helena Argiriadou**

*CSL Behring: Innovation in Biotherapies*

**Learco Mottola**

Commentators: **Yves Fromes, Christophe Baufreton, Oz M. Shapira**

**10:00 - 11:30**

### **CoMICs study - Current status**

Moderators: **Kyriakos Anastasiadis, Thierry Carrel, Polychronis Antonitsis, Andreas Liebold**

Discussants:

**Gianni Angelini (Bristol, UK), Barney Reeves (Bristol, UK), John Murkin (London, Canada), Christoph Starck (Berlin, Germany), Oz M. Shapira (Jerusalem, Israel), Aschraf El-Essawi (Braunschweig, Germany), Serdar Gunaydin (Ankara, Turkey), Adrian Bauer (Coswig, Germany)**

Commentators: **Francesko Formica (Monza Italy), Thorsten Wahlers (Cologne, Germany), Clinton Lloyd (Plymouth, UK), Oliver Liakopoulos (Cologne, Germany)**



11:30 - 12:45

### **Challenges in MiECC**

Moderators: **Kyriakos Anastasiadis, Thierry Carrel, Polychronis Antonitsis, Cyril Serrick**

Discussants:

*MiECC in CABG surgery*

**Oz M. Shapira**

*MiECC in aortic valve surgery*

**Valerio Mazzei**

*Modular MiECC systems*

**Aschraf El-Essawi**

*Pulsatile perfusion in MiECC*

**Andreas Liebold**

*Delirium after cardiac surgery*

**John Murkin**

*Latest results from large clinical trials*

**Polychronis Antonitsis**

*3<sup>rd</sup> MiECT Symposium, Bern 2018*

**Thierry Carrel**

12:45 - 13:00

### **Closing remarks of 1<sup>st</sup> MiECT Update Meeting**

**Kyriakos Anastasiadis, President**

AFFINITY  
**FUSION**<sup>®</sup>  
OXYGENATION SYSTEM

Designed by perfusionists.  
Engineered by Medtronic.



**Medtronic**  
Further. Together