# **ALPIC 2014** Advanced Learning on Platelets & Thrombosis International Course

# March, 7-9, 20 Grand Forest Metsovo METSOVO, GREECE

#### Organized by

on Thrombosis and Antithrombotic Therapy

#### **Course Directors**

Alexandros Tselepis Professor of Biochemistry-Clinical Chemistry Department of Chemistry, University of Ioannina

## John Goudevenos

been accredited with 12 CME credits by the Panhellenic Medical Association

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## **Dear Colleagues**



We are pleased to welcome you to **ALPIC 2014** (Advanced Learning on Platelets & Thrombosis International Course), the fourth international scientific event on Platelets and Thrombosis, taking place this year in Metsovo Greece, at Grand Forest Hotel, on **March 7-9 2014**. ALPIC 2014 is organized by the **Institute for the Study and Education on Thrombosis and Antithrombotic Therapy** as well as the **Atherothrombosis Research Centre of the University of Ioannina**, under the auspices of the **Mediterranean League Against Thromboembolic Diseases** (**MLTD**) and the **Hellenic Cardiological Society**. The Course is also endorsed by the **International Society on Thrombosis and Haemostasis (ISTH)**.

The Course aims to serve as a knowledge transfer forum for scientists in the current aspects of Platelet and Thrombosis research, ranging from the basic science to the clinical practice. The scientific programme is designed to highlight the rapid development and ongoing evolution on the pathophysiology of Thrombosis along with discussion regarding all current advances in Antiplatelet and Anticoagulant therapy.

An internationally recognized panel of invited speakers will present state-of-the art lectures on the above scientific fields and will create an excellent opportunity for all participants to stimulate an extended and very constructive discussion both inside and outside the lecture hall.

The magnificent location and the picturesque landscapes offered by Metsovo and Anilio, will add to the scientific quality of the presentations, making this event a remarkable one for all participants. The Organizers will spare no efforts to ensure that ALPIC 2014 will be an exciting and enriching experience.

At this point we would like to extend our sincere thanks to all those who worked with dedication, putting together this attractive and comprehensive scientific programme, namely the International Invited Faculty for its warm acceptance to participate in ALPIC 2014, the Local Scientific Committee, the International Scientific Advisory Board and our sponsors for their generous support. Last but not least, we extend our warm welcome and gratitude to all colleagues for joining us at this course and sharing our enthusiasm.

We welcome you and we wish you all enjoy ALPIC 2014 in the picturesque landscape offered by Metsovo.

With our best regards,

#### John Goudevenos

Alexandros Tselepis

Professor of Cardiology, School of Medicine, University of Ioannina Professor of Biochemistry-Clinical Chemistry Department of Chemistry, University of Ioannina

#### Advanced Learning on Platelets & Thrombosis International Course

## **ALPIC 2014**

#### Organized by:

Institute for the Study and Education on Thrombosis and Antithrombotic Therapy

Atherothrombosis Research Centre, University of Ioannina

#### Under the auspices of:

The Mediterranean League Against Thromboembolic Diseases

🔞 Hellenic Cardiological Society

#### Endorsed by:

助 International Society on Thrombosis and Haemostasis

#### Course Directors:

John Goudevenos

Alexandros Tselepis

#### Local Scientific Committee

Alexopoulos Dimitrios Andrikopoulos George Arnaoutoglou Eleni **Bompotis George** Christoforidis Savvas Davlouros Periklis Foussas Stefanos **Giannopoulos Sotirios** Giannoukas Athanasios **Gkoumas** Georgios Godevenos Dimitrios Hahalis George Kanakakis John

Kanonidis John Karagiannis Asterios Katsouras Christos Konstantinides Stavros Korantzopoulos Panagiotis Triposkiadis Filippos Matsagkas Miltiadis Michalis Lambros Milionis Charalampos Nikas Dimitrios Ntaios George Papadopoulos Thomas Pappas Konstantinos Pavlides Grigorios

**Pipilis Athanasios Richter Dimitrios** Sourmelis Savvas-George Stakos Dimitrios Tsiara Stavroula Tsoukatos Demokritos Tzimas Petros Vavouranakis Emmanouil Vemmos Konstantinos Voudris Vassilios

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## **ALPIC** 2014

#### Friday, March 7<sup>th</sup>, 2014

#### 16.30-18.30 Registration

18.30-18.50 Welcome addresses

Mayor of the Municipality of Metsovo **Nikolaos Tsompikos** 

Rector of the University of Ioannina Triantafyllos Albanis (Ioannina, Greece)

President Elect of the Hellenic Cardiological Society Stefanos Fousas (Athens, Greece)

General Secretary of the Institute for the Study and Education on Thrombosis and Antithrombotic Therapy **Dimitrios Richter (Athens, Greece)** 

#### **Official opening**

Head of the Prefecture of Epirus Alexandros Kachrimanis

18.50-20:00	Round Table: Thrombosis: From the bench to the bedside		
	<u>Chairmen</u> :	Stefanos Fousas (Athens, Greece)	
		Dimitrios Richter (Athens, Greece)	

- 18.50-19.10 Platelet-derived CXCL12 (SDF-1a): Role in cardiovascular biology and therapeutic implications Konstantinos Stellos (Frankfurt, Germany)
- **19.10-19.30** The emerging role of neutrophils in arterial and venous thrombosis **Dimitrios Stakos (Alexandroupolis, Greece)**
- **19.30-19.45** The endothelial ecto-NTPdase1/CD39 exerts potent anti-platelet activity by hydrolyzing extracellular ADP **Savvas Christoforidis (Ioannina, Greece)**
- **19.45-20.00** Proinflammatory activities of Factor Xa and Thrombin. Are there pleiotropic effects of the new oral anticoagulants? **Alexandros Tselepis (Ioannina, Greece)**



#### Friday, March 7<sup>th</sup>, 2014

#### 20.00-21:00 Round Table: Recent advances in novel antithrombotic agents <u>Chairmen</u>: Filippos Triposkiadis (Larissa, Greece) Ioannis Kanonidis (Thessaloniki, Greece)

- 20.00-20.20 A new generation of oral anticoagulants. Is there any place for Edoxaban and Betrixaban? Dimitrios Richter (Athens, Greece)
- **20.20-20.40** Cangrelor: Pharmacology and clinical trial development **Athanasios Pipilis (Athens, Greece)**
- **20.40-21.00** Expanding antiplatelet options with vorapaxar. Which patients may benefit from PAR-1 antagonism? **Alexandros Tselepis (Ioannina, Greece)**
- 21.00 Welcome Reception



#### Saturday March 8<sup>th</sup>, 2014

08.45-10:30	Clinical Workshop: NOACS. Improving clinical understanding and exploring practical guidance Chairmen: John Goudevenos (Greece) Konstantinos Pappas (Ioannina, Greece)
	Topics to be presented as a series of case studies:AF and ACS (requiring PCI)AF and renal impairmentAF who needs surgical interventionAF and history of stroke, when we restart after bleeding
	Presenters: Sotirios Giannopoulos (Ioannina, Greece) Dimitrios Godevenos (Ioannina, Greece) Georgios Gkoumas (Athens, Greece) Panagiotis Korantzopoulos (Ioannina, Greece) Dimitrios Nikas (Ioannina, Greece) Thomas Papadopoulos (Thessaloniki) Konstantinos Pappas (Ioannina, Greece) Petros Tzimas (Ioannina, Greece)
10.30-11.00	Coffee Break - Visit of the Exhibition Area
11.00-11.30	Distinguished Lecture Chairman: Alexandros Tselepis (Ioannina, Greece)
	Clopidogrel Response Variability: Contributing Factors, Expectations and Reality Alan Michelson (Boston, USA)
11.30-13.15	Round Table: Controversies in antiplatelet therapyChairmen:Dimitrios Alexopoulos (Patras, Greece)Lambros Michalis (Ioannina, Greece)
11.30-11.45	Experience with recent ESC guidelines implementation in real practice <b>Dimitrios Alexopoulos (Patras, Greece)</b>
11.45-12.00	Benefits and risks of extending dual antiplatelet therapy after PCI in the drug-eluting stent era <b>Vassilios Voudris (Athens, Greece)</b>

**ALPIC** 2014

#### Saturday March 8<sup>th</sup>, 2014

- **12.00-12.15** The twilight zone of contemporary antiplatelet treatment: Complex patients, difficult decisions **Periklis Davlouros (Patras, Greece)**
- 12.15-12.30 Prasugrel versus clopidogrel for patients with UA/NSTEMI with or without angiography: Lessons from the TRITON, TRILOGY and ACCOAST trials Kanakakis John (Athens, Greece)
- 12.30-12.45 Antiplatelet and anticoagulant therapy in transcatheter aortic valve implantation: Current and future approaches **Emmanouil Vavouranakis (Athens, Greece)**
- 12.45-13.00 Identifying the optimal antplatelet therapy during peripheral artery disease endovascular procedures. Does clopidogrel resistance play a significant role?
   Miltiadis Matsagkas (Ioannina, Greece)
- 13.00-13.15 Panel discussion and implication for patient care
- 13.15-14.00 Round Table: Meet the Experts. Antithrombotics in Stroke management Chairmen: Asterios Karagiannis (Thessaloniki, Greece)
  - Konstantinos Vemmos (Athens, Greece)

<u>Clinical Cases presenters:</u> Konstantinos Vemmos (Athens, Greece) Charalampos Milionis (Ioannina, Greece) Georgios Ntaios (Larissa, Greece) Sotirios Giannopoulos (Ioannina, Greece)

	14.00	-17.00	Lunch	Break
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- 17.00-18.15
   Round Table: Anticoagulant therapy in invasive procedures. Achievements and chalenges

   Chairmen:
   Alex Spyropoulos (New York, USA) Athanasios Giannoukas (Larissa, Greece)
- 17.00-17.15 Efficacy and safety of parenteral anticoagulants in PCI George Hahalis (Patras, Greece)

## **ALPIC** 2014

#### Saturday March 8<sup>th</sup>, 2014

- 17.15-17.30 Carotid and peripheral artery disease. Which should be the policy with anticoagulants?Dimitrios Nikas (Ioannina, Greece)
- 17.30-17.50 Low molecular weight heparins versus new orally active oral anticoagulants in real life patients Grigoris Gerotziafas (Paris, France)
- 17.50-18.10 How to treat anticoagulated patients undergoing an invasive procedure Alex Spyropoulos (New York, USA)
- **18.10-18.15** Panel discussion and implication for patient care
- 18.15-18.45 Coffee Break Visit of the Exhibition Area
- 18.45-20.15 Round table: New oral anticoagulants: Clinical challenges <u>Chairmen</u>: Savvas-George Sourmelis (Athens, Greece) George Bompotis (Thessaloniki, Greece)
- 18.45-19.05 Novel oral anticoagulants in atrial fibrillation treatment. Which one for which patient?
   George Andrikopoulos (Athens, Greece)
- **19.05-19.25** Combined antiplatelet and novel oral anticoagulant therapy in ACS: Current evidence and future perspectives **Christos Katsouras (Ioannina, Greece)**
- 19.25-19.45 The use of novel oral anticoagulants for thromboprophylaxis after elective major orthopedic surgery Savvas-George Sourmelis (Athens, Greece)
- **19.45-20.05** NOACs: Unresolved Issues. Antidotes, Laboratory monitoring **Stavroula Tsiara (Ioannina, Greece)**
- 20.05-20.15 Panel discussion and implication for patient care

#### 21.00 Dinner

#### Sunday March 9<sup>th</sup>, 2014

#### 09.00-11:00 Round Table - Part I: Short Oral Presentations of Ongoing Research on Thrombosis Chairmen: Demokritos Tsoukatos (Ioannina, Greece) Eleni Arnaoutoglou (Ioannina, Greece)

#### OP01 MECHANISMS REGULATING EXOCYTOSIS OF VON WILLE-BRAND FACTOR BY ENDOTHELIAL CELLS AND POSSIBLE IM-PLICATIONS IN THROMBOSIS

<u>S. Zografou</u>, D. Basagiannis, A. Papafotika, S. Christoforidis Institute of Molecular Biology and Biotechnology, Department of Biomedical Research, Ioannina, Foundation for Research and Technology Hellas, & Laboratory of Biological Chemistry, Medical School, University of Ioannina, Ioannina, Greece

# OP02 INTEGRIN $\alpha_{IIB}\beta_3$ IN RESTING AND ACTIVATED PLATELETS IN PATIENTS WITH ACUTE CORONARY SYNDROME AND HEALTHY VOLUNTEERS

<u>A. Gkourogianni<sup>1</sup></u>, M. Tsoumani<sup>1</sup>, I. Ntalas<sup>2</sup>, K. Kalantzi<sup>2</sup>, I. Goudevenos<sup>2</sup>, D. Tsoukatos<sup>1</sup>, A. Tselepis<sup>1</sup>

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<sup>2</sup>Department of Cardiology, School of Medicine, University of Ioannina, Ioannina, Greece

OP03 INVESTIGATION OF THE CRITICAL AMINO ACIDS OF THE YME-SRADR PEPTIDE CORRESPONDING TO 313-320 SEQUENCE OF THE  $\alpha_{IIb}$  SUBUNIT OF INTEGRIN  $\alpha_{IIb}\beta_3$ , RESPONSIBLE FOR ITS ANTIPLATELET ACTIVITY

<u>S. Papadaki</u>, A. Gkourogianni, P. Trypou, E. Malisiova, V. Mousis, V. Tsikaris, D. Tsoukatos

Section of Organic Chemistry and Biochemistry, Department of Chemistry, School of Sciences, University of Ioannina, Ioannina, Greece

#### Sunday March 9<sup>th</sup>, 2014

#### OP04 ACTIVATION OF APP BETA PROCESSING IN PLATELETS IS A NOVEL CARDIOVASCULAR RISK FACTOR: IMPLICATIONS IN PATIENTS RISK STRATIFICATION

D. Stakos<sup>1,</sup> K. Stamatelopoulos<sup>2</sup>, D. Sibbing<sup>3</sup>, L.S. Rallidis<sup>4</sup>,

G. Georgiopoulos<sup>2</sup>, S. Braun<sup>5</sup>, A. Gatsiou<sup>6</sup>, K. Sopova<sup>6</sup>, A. Kastrati<sup>5</sup>, A. Tselepis<sup>7</sup>, K. Stellos<sup>6,8</sup>

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<sup>5</sup>Deutsches Herzzentrum, Technische Universität, Munich, Germany, <sup>6</sup>Vascular Inflammation Laboratory, Institute of Cardiovascular Regeneration, Centre of Molecular Medicine, J.W. Goethe University Frankfurt, Frankfurt am Main, Germany

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<sup>8</sup>Department of Cardiology, J.W. Goethe University Frankfurt, Frankfurt am Main, Germany

#### OP05 THE EFFECT OF SYNTHETIC UREA ANALOGUES IN PLATELET AGGREGATION INDUCED BY VARIOUS AGONISTS

<u>V.G. Chantzichristos</u><sup>1</sup>, M.A. Fermeletzi<sup>2</sup>, G.I. Varvounis<sup>2</sup>, A.D. Tselepis<sup>1</sup>

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#### Sunday March 9<sup>th</sup>, 2014

OP06 A RANDOMIZED COMPARISON OF LOW VERSUS STANDARD HEPARIN DOSE FOR PREVENTION OF FOREARM ARTERY OC-CLUSION AFTER CORONARY ANGIOGRAPHY: THE "SPIRIT OF ARTEMIS" (STUDYING THE PRIORITY OF ANTICOAGULATION TO PREVENT ARTERIAL OCCLUSION AFTER FOREARM AN-GIOGRAPHIES) STUDY

> G. Hahalis, I. Xathopoulou, <u>G. Tsigkas</u>, S. Deftereos, N. Grapsas, G. Almpanis, J. Christodoulou, K. Raissakis, G. Giannopoulos, I. Koniari, G. Christopoulou, V. Pyrgakis, P. Davlouros, D. Alexopoulos *School of Medicine, University of Patras, Patras, Greece*

#### OP07 INVESTIGATION OF THE EFFECT OF HUMAN PAR-4 TETH-ERED- LIGAND PEPTIDES ON PLATELET ACTIVATION COM-BINING BIOLOGICAL ASSAYS WITH THE RECEPTOR'S CRYS-TAL STRUCTURE

I.C. Moschonas<sup>1</sup>, T. Kellici<sup>2</sup>, P. Stathopoulos<sup>2</sup>, V. Tsikaris<sup>2</sup>, V. Magafa<sup>3</sup>, T. Mavromoustakos<sup>4</sup>, A.G. Tzakos<sup>2</sup>, A.D. Tselepis<sup>1</sup>

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OP08 IN-HOSPITAL BLEEDING EVENTS IN ACUTE CORONARY SYNDROME PATIENTS UNDERGOING PERCUTANEOUS COR-ONARY INTERVENTION IN THE ERA OF NOVEL P2Y12 IN-HIBITORS: INSIGHTS FROM THE GREEK ANTIPLATELET REG-ISTRY-GRAPE

I. Xanthopoulou, S. Deftereos, G. Sitafidis, I. Kanakakis, M. Hamilos, G. Karayannis, C. Angelidis, K. Stavrou, M. Vavouranakis,

J.A. Goudevenos, Ch. Stefanadis, D. Alexopoulos, on behalf of the GRAPE Investigators

#### Sunday March 9<sup>th</sup>, 2014

#### OP09 FACTORS ASSOCIATED WITH THE DEVELOPMENT OF SUPER-FICIAL VEIN THROMBOSIS IN PATIENTS WITH PRIMARY VARI-COSE VEINS

<u>C. Karathanos</u><sup>1</sup>, N. Roussas<sup>1</sup>, M. Exarchou<sup>1</sup>, A. Tsezou<sup>1</sup>, D. Kyriakou<sup>3</sup>, A. Giannoukas<sup>1</sup>

<sup>1</sup>Department of Vascular Surgery, School of Medicine, University of Thessaly, University Hospital of Larissa, Larissa, Greece <sup>2</sup>Laboratory of Molecular Biology and Genetics, School of Medicine, University of Thessaly, University Hospital of Larissa, Larissa, Greece <sup>3</sup>Department of Haematology, School of Medicine, University of Thessaly, University Hospital of Larissa, Larissa, Greece

#### OP10 INITIAL EXPERIENCE WITH DUAL ANTIPLATELET THERAPY DURING AND AFTER CAROTID ENDARTERECTOMY

M. Peroulis<sup>1</sup>, V. Bouris<sup>1</sup>, D. Godevenos<sup>2</sup>, E. Arnaoutoglou<sup>3</sup>, E. Laou<sup>3</sup>, G. Papadopoulos<sup>3</sup>, M. Matsagkas<sup>1</sup>

<sup>1</sup>Vascular Surgery Unit, Department of Surgery, School of Medicine, University of Ioannina, Ioannina, Greece

<sup>2</sup> Department of Surgery, School of Medicine, University of Ioannina, Ioannina, Greece

<sup>3</sup>Department of Anethesiology, School of Medicine, University of loannina, Greece

#### OP11 ANTIPLATELET TREATMENT AND BLEEDING IN DIABETIC PA-TIENTS AFTER DES IMPLANTATION

<u>P. Karyofyllis</u>, C. Doulaptsis, I. Moukas, S. Thomopoulou, V. Voudris 2<sup>nd</sup> Division of Interventional Cardiology, Onassis Cardiac Surgery Center, Athens, Greece.

#### OP12 PLATELET INTERACTION WITH CD34<sup>+</sup> PROGENITOR CELLS IN PATIENTS WITH ACUTE CORONARY SYNDROMES. EFFECT OF ANTIPLATELET TREATMENT

<u>P.T. Tatsidou</u><sup>1</sup>, I.V. Ntalas<sup>2</sup>, V.G. Chantzichristos<sup>1</sup>, K.I. Kalantzi<sup>2</sup>, I.A. Goudevenos<sup>2</sup>, A. D. Tselepis<sup>1</sup>

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<sup>2</sup>Department of Cardiology, School of Medicine, University of Ioannina, Ioannina, Greece

#### Sunday March 9<sup>th</sup>, 2014

#### OP13 TICAGRELOR LOADING DOSE VERSUS CLOPIDOGREL LOAD-ING AND RELOADING WITH TICAGRELOR

<u>K. Kontoprias</u>, I. Xanthopoulou, V. Gkizas, A. Perperis, I. Koniari, G. Tsigkas, N. Koutsogiannis, P. Davlouros, G. Hahalis, D. Alexopoulos School of Medicine, University of Patras, Patras, Greece

#### OP14 TICAGRELOR VS PRASUGREL ONE-MONTH MAINTENANCE THERAPY: IMPACT ON PLATELET REACTIVITY AND BLEED-ING EVENTS

<u>K. Stavrou</u>, V. Gkizas, A. Perperis, K. Kontoprias, I. Koniari, C. Vogiatzi, T. Bampouri, I. Xanthopoulou, D. Alexopoulos *School of Medicine, University of Patras, Patras, Greece* 

#### OP15 COMBINATION OF ANTIPLATELET AND ANTICOAGULATIVE TREATMENT STRATEGY IN PATIENTS UNDERGOING TAVI WITH CONCURRENT ATRIAL FIBRILLATION. ONE CENTER EX-PERIENCE

<u>K. Kalogeras</u>, M. Vavouranakis, M. Kariori, C. Moldovan, E. Mpei, D. Vrachatis, T. Papaioannou, M. Lavda, G. Siasos, C. Stefanadis 1<sup>st</sup> Department of Cardiology, Athens Medical School, Hippokration Hospital, Athens, Greece

#### OP16 PLATELETS AND INTERLEUKIN-17A IN THE CROSSTALK BE-TWEEN VASCULAR INFLAMMATION AND ANGIOGENESIS

<u>A. Gatsiou</u><sup>1</sup>, K. Sopova<sup>1</sup>, I. Ahrens<sup>2</sup>, C. Erbel<sup>3</sup>, A. Tselepis<sup>4</sup>, K. Stellos<sup>1,5</sup>

<sup>1</sup>Vascular Inflammation Laboratory, Institute of Cardiovascular Regeneration, Center of Molecular Medicine, J. W. Goethe University Frankfurt am Main, Frankfurt am Main, Germany <sup>2</sup> Klinik für Kardiologie und Angiologie I, Universitätsherzzentrum Freiburg - Bad Krozingen, Freiburg, Germany

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<sup>5</sup> Department of Cardiology, Center of Internal Medicine III, J.W. Goethe University Frankfurt am Main, Frankfurt am Main, Germany



#### Sunday March 9<sup>th</sup>, 2014

#### 11.00-11.15 Coffee Break

## 11.15-12:30 Round Table - Part II: Short Oral Presentations of Ongoing Research on Thrombosis Chairmen: Demokritos Tsoukatos (Ioannina, Greece) Eleni Arnaoutoglou (Ioannina, Greece)

OP17 TICAGRELOR AND CLOPIDOGREL INHIBIT TO A SIMILAR EXTEND THE DYNAMIC PLATELET ADHESION IN PATIENTS WITH AN ACUTE CORONARY SYNDROME

<u>M.E. Tsoumani</u><sup>1</sup>, P.T. Tatsidou<sup>1</sup>, I.V. Ntalas<sup>2</sup>, K.I. Kalantzi<sup>2</sup>, I.A. Goudevenos<sup>2</sup>, A.D. Tselepis<sup>1</sup> <sup>1</sup>Atherothrombosis Research Centre/Laboratory of Biochemistry, Department of Chemistry, School of Sciences, University of Ioannina, Ioannina, Greece <sup>2</sup>Department of Cardiology, School of Medicine, University of Ioannina, Ioannina, Greece

OP18 ONSET OF ANTIPLATELET ACTION WITH HIGH (100 MG) VS STANDARD (60 MG) LOADING DOSE OF PRASUGREL IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION UNDERGOING PRIMARY PERCUTANEOUS CORONARY IN-TERVENTION: A PHARMACODYNAMIC STUDY

<u>V. Gkizas</u>, G. Makris, I. Xanthopoulou, S. Patsilinakos, S. Deftereos, A. Perperis, S. Karanikas, C. Angelidis, G. Tsigkas, N. Koutsogiannis, G. Hahalis, P. Davlouros, D. Alexopoulos School of Medicine, University of Patras, Patras, Greece

OP19 CLOPIDOGREL BINDS TO Lp-PLA2 AND INHIBITS THE ENZYME ACTIVITY. A NEW PLEIOTROPIC EFFECT OF THIS ANTIPLATELET DRUG?

<u>M.E. Tsoumani</u><sup>1</sup>, M.V. Chatziathanasiadou<sup>2</sup>, A.N.Katsikoudi<sup>2</sup>, V.G. Kontogianni<sup>2</sup>, A.G Tzakos<sup>2</sup>, Alexandros D. Tselepis<sup>1</sup> <sup>1</sup>Atherothrombosis Research Centre/Laboratory of Biochemistry, Department of Chemistry, School of Sciences, University of Ioannina, Ioannina, Greece

<sup>2</sup>Section of Organic Chemistry and Biochemistry, Department of Chemistry, University of Ioannina, Ioannina, Greece

#### Sunday March 9<sup>th</sup>, 2014

OP20 DIFFERENTIAL EFFECT OF TICAGRELOR VERSUS PRASUG-REL MAINTENENCE DOSE ON ENDOTHELIAL FUNCTION OF PERIPHERAL VESSELS IN PATIENTS WITH CORONARY AR-TERY DISEASE AS ASSESSED WITH PERIPHERAL ARTERIAL TONOMETRY (ENDOPAT ASSAY)

I. Xanthopoulou, <u>K. Stavrou</u>, K. Kontoprias, A. Chasapi, D. Alexopoulos School of Medicine, University of Patras, Patras, Greece

OP21 HIGH PLATELET REACTIVITY IN ST SEGMENT ELEVATION MYOCARDIAL INFARCTION POST THROMBOLYSIS: A PHAR-MACODYNAMIC COMPARISON OF TICAGRELOR VERSUS HIGH DOSE OF CLOPIDOGREL

> <u>A. Perperis</u>, I. Xanthopoulou, S. Karanikas, I. Koniari, S. Patsilinakos, P. Davlouros, G. Hahalis, D. Alexopoulos. School of Medicine, University of Patras, Patras, Greece

OP22 OFFSET OF TICAGRELOR'S EFFECT ON ENDOTHELIAL FUNC-TION AS ASSESSED WITH PERIPHERAL ARTERIAL TONOM-ETRY (ENDOPAT ASSAY)

I. Xanthopoulou, <u>K. Kontoprias</u>, A. Chasapi, K. Stavrou, D. Alexopoulos. School of Medicine, University of Patras, Patras, Greece

OP23 BIVALIRUDIN USE AND ONE-MONTH OUTCOME IN THE CONTEXT OF CONTEMPORARY ANTIPLATELET TREATMENT: INSIGHTS FROM THE GREEK ANTIPLATELET REGISTRY

<u>G. Tsigkas</u>, I. Xanthopoulou, S. Deftereos, G. Sitafidis, I. Kanakakis, M. Hamilos, G. Karayannis, C. Angelidis, K. Stavrou, M. Vavouranakis, J.A. Goudevenos, C. Stefanadis, D. Alexopoulos on behalf of the GRAPE Investigators

#### OP24 EFFECT OF LATE-OUTGROWTH ENDOTHELIAL PROGENITOR CELLS ON PLATELET ACTIVATION IN VITRO

<u>V.G. Chantzichristos</u><sup>1</sup>, F.G. Gkrozou<sup>2</sup>, M.E. Paschopoulos<sup>2</sup>, A.D. Tselepis<sup>1</sup> <sup>1</sup>Atherothrombosis Research Centre/Laboratory of Biochemistry, Department of Chemistry, School of Sciences, University of Ioannina, Ioannina, Greece

<sup>2</sup>Department of Obstetrics and Gynecology, School of Medicine, University of Ioannina, Ioannina, Greece

#### Sunday March 9<sup>th</sup>, 2014

OP25 ORAL CRUSHED AND DISPERSED TICAGRELOR 180MG COMPARED TO WHOLE TABLETS OF EQUAL DOSE IN STEMI PATIENTS UNDERGOING PRIMARY PCI: A PHARMACODY-NAMIC COMPARISON (THE LIQUID STUDY) I. Xanthopoulou, S. Patsilinakos, A. Perperis, V. Gizas,

K. Kontoprias, N. Barampoutis, S. Karanikas, Ch. Angelidis, G. Tsigkas, P. Davlouros, G. Hahalis, D. Alexopoulos School of Medicine, University of Patras, Patras, Greece

#### OP26 CHANGES IN PLATELET COUNT AND ACTIVITY FOLLOWING ENDOVASCULAR ABDOMINAL ANEURYSM REPAIR

E. Arnaoutoglou<sup>1</sup>, <u>E. Laou<sup>1</sup></u>, G. Kouvelos<sup>2</sup>, N. Pappa<sup>2</sup>, A. Karamoutsios<sup>3</sup>, G. Vartholomatos<sup>3</sup>, M. Matsagkas<sup>2</sup> <sup>1</sup>Department of Anethesiology, School of Medicine,, University of Ioannina, Greece <sup>2</sup>Vascular Surgery Unit, Department of Surgery, School of Medicine, University of Ioannina, Ioannina, Greece <sup>3</sup>Unit of Molecular Biology, Haematology Laboratory, University Hospital of Ioannina, Ioannina, Greece

#### 12.30-13:30 Hellenic Consensus on anticoagulant therapy in ACS/PCI <u>Chairmen</u>: George Hahalis (Patras, Greece) Grigoris Gerotziafas (Paris, France)

**ALPIC** 2014

Alexopoulos Dimitrios (Greece)	Professor of Cardiology, School of Medi- cine, University of Patras, Patras, Greece
Andrikopoulos George (Greece)	Cardiologist, Director, Department of Cardiology, "Henry Dunant" Hospital of Athens, Athens, Greece
Arnaoutoglou Eleni (Greece)	Associate Professor of Anaesthesiology, School of Medicine, University of Ioan- nina, Ioannina, Greece
Bompotis George (Greece)	Director, Department of Cardiology "Pa- pageorgiou" General Hospital of Thessa- loniki, Thessaloniki, Greece
Christoforidis Savvas (Greece)	Assistant Professor of Biological Chem- istry, School of Medicine, University of Ioannina, Ioannina, Greece
Davlouros Periklis (Greece)	Assistant Professor of Cardiology, School of Medicine, University of Patras, Patras, Greece
Foussas Stefanos (Greece)	Assistant Professor of Cardiology, Direc- tor, Department of Cardiology, "Tzaneio" General Hospital of Piraeus, Athens, Greece
Gerotziafas Grigoris (France)	Associate Professor of Hematology - He- mostasis, Faculty of Medicine, University Pierre et Marie Courie, Paris, France
Giannopoulos Sotirios (Greece)	Assistant Professor of Neurology, School of Medicine, University of Ioannina, Io- annina, Greece
Giannoukas Athanasios (Greece)	Professor of Vascular Surgery, School of Medicine, University of Thessaly, Larissa, Greece
Gkoumas Georgios (Greece)	Assistant Director, Department of Cardiology, Euroclinic of Athens, Athens, President of the Working Group of Prevention and Epidemiology of the Hellenic Society of Cardiology, Greece



Godevenos Dimitrios (Greece)	Surgeon, Department of Surgery, University Hospital of Ioannina, Ioannina, Greece
Goudevenos John (Greece)	Professor of Cardiology, School of Medi- cine, University of Ioannina, Ioannina, Greece
Hahalis George (Greece)	Associate Professor of Cardiology, School of Medicine, University of Patras, Patras, Greece
Kanakakis John (Athens, Greece)	Director of Cardiology, Department of Clinical Therapeutics, "Alexandra" Gen- eral Hospital of Athens, Athens, Greece
Kanonidis John (Greece)	Professor of Cardiology, School of Medi- cine, Aristotle University of Thessaloniki, Thessaloniki, Greece
Karagiannis Asterios (Greece)	Professor of Internal Medicine, School of Medicine, Aristotle University of Thessa- Ioniki, Thessaloniki, Greece
Katsouras Christos (Greece)	Assistant Professor of Cardiology, School of Medicine, University of Ioannina, Io- annina, Greece
Korantzopoulos Panagiotis Greece)	Assistant Professor of Internal Medicine, School of Medicine, University of Ioan- nina, Ioannina, Greece
Matsagkas Miltiadis (Greece)	Associate Professor of Vascular Surgery, School of Medicine, University of Ioan- nina, Ioannina, Greece
Michalis Lambros (Greece)	Professor of Cardiology, School of Medi- cine, University of Ioannina, Ioannina, Greece



Michelson Alan (USA)	Professor of Pediatrics, Harvard Medi- cal School/Boston Children's Hospital Professor of Medicine, Harvard Medical School/Brigham and Women's Hospital Director, Center for Platelet Research Studies Director, Thrombosis and Anti- coagulation Program Boston Children's Hospital/Dana-Farber Cancer Institute Boston, Massachusetts, U.S.A.
Milionis Charalampos (Greece)	Associate Professor of Internal Medicine, School of Medicine, University of Ioan- nina, Ioannina, Greece
Nikas Dimitrios (Greece)	Cardiologist, Department of Cardiology, University Hospital of Ioannina, Ioan- nina, Greece
Ntaios George (Greece)	Lecturer in Internal Medicine, School of Medicine, University of Thessaly, Larissa, Greece
Papadopoulos Thomas (Greece)	Interventional Cardiologist, Thessaloniki, Greece
Pappas Konstantinos (Greece)	Cardiologist, Department of Cardiology, University Hospital of Ioannina, Ioan- nina, Greece
Pipilis Athanasios (Greece)	Cardiologist, Director, 1 <sup>st</sup> Department of Cardiology, "Hygeia" Diagnostic and Therapeutic Centre of Athens, Athens, Greece
Richter Dimitrios (Greece)	Director, Department of Cardiology, Euroclinic of Athens, Athens, Greece
Sourmelis Savvas-George (Greece)	Orthopaedic Surgeon, 2 <sup>nd</sup> Department of Orthopaedics, "Hygeia" Diagnostic and Therapeutic Centre of Athens, Ath- ens, Greece
Spyropoulos Alex (USA)	Director, Anticoagulation and Clinical Thrombosis Services, North Shore-LIJ Health System, Lenox Hill Hospital, Pro- fessor of Medicine, Hofstra-North Shore LIJ School of Medicine, Hofstra Univer- sity, New York, USA



Stakos Dimitrios (Greece)	Assistant Professor of Cardiology, School of Medicine, Democritus University of Thrace, Alexandroupolis, Greece
Stellos Konstantinos (Germany)	Associate Professor of Medicine, Depart- ment of Cardiology, Center of Internal Medicine, Goethe University Frankfurt, Frankfurt/Main, Germany Group-Leader, Vascular Inflammation Laboratory, Eu- ropean Cardiovascular Science Center Frankfurt, Frankfurt/Main, Germany
Triposkiadis Filippos (Greece)	Professor of Cardiology, School of Medi- cine, University of Thessaly, Larissa, Greece
Tselepis Alexandros (Greece)	Professor of Biochemistry-Clinical Chem- istry, Department of Chemistry, Univer- sity of Ioannina, Ioannina, Greece
Tsiara Stavroula (Greece)	Associate Professor of Internal Medicine, School of Medicine, University of Ioan- nina, Ioannina, Greece
Tsoukatos Demokritos (Greece)	Associate Professor of Biological Chem- istry, School of Medicine, University of Ioannina, Ioannina, Greece
Tzimas Petros (Greece)	Lecturer in Anaesthesiology, School of Medicine, University of Ioannina, Ioan- nina, Greece
Vavouranakis Emmanouil (Greece)	Associate Professor of Cardiology, School of Medicine, University of Athens, Athens, Greece
Vemmos Konstantinos (Greece)	Stroke Internist, Consultant, Hellenic Cardiovascular Research Society, Athens, Greece
Voudris Vassilios (Greece)	Cardiologist, Director, 2 <sup>nd</sup> Department of Hemodynamic Studies and Intervention- al Cardiology, Coordinator of Cardiology Division, "Onassis" Cardiac Surgery Cen- ter of Athens, Athens, Greece



#### DATE

ALPIC 2014 course, will take place from Friday, March 7<sup>th</sup> to Sunday, March 9<sup>th</sup> 2014 in Metsovo, at Grand Forest Metsovo, Epirus, Greece.

The course commences with Registration on Friday, March 7<sup>th</sup> in the evening, and concludes on Sunday, March 9<sup>th</sup> 2014 at noon.

#### VENUE

The course will be held in an elegant and spacious new building located opposite to the picturesque village of Metsovo which offers fully equipped conference rooms. Nestled in an imposing mountain peak overlooking the charming town of Metsovo, the Grand Forest Metsovo is the supreme getaway. Located on the foothills of the virgin Pindus National Park, in the heart of a dense black pine forest, it offers spectacular panoramic views.

#### **Grand Forest Metsovo**

Egnatia Motorway - Intersection - 7A to Anilio Metsovo 44200, Epirus, Greece, Tel: +30 26560 29001-4, Email: info@grand-forest.gr, Website: www.grandforest.gr

#### Metsovo

Metsovo is one of the most picturesque and traditional towns in Greece and the largest centre of Vlach life in Greece. It is built like an amphitheatre at an altitude of 1.160m., on one of the highest peaks of the Pindos range at the junction of Epirus, Thessaly and Western Macedonia.

Nowadays, Metsovo has a population of about 4.000 habitants and is the homeland of many prominent men of the modern Greek History. The major Greek Benefactors came from Metsovo as well as notable men of the arts and literature.

#### Anilio

Anilio (or Chiara in Vlach) is an Aromanian village and a community of the Metsovo municipality. The 2011 census recorded 587 residents in Anilio. The community of Anilio covers an area of 42.637 km<sup>2</sup>.



## **ALPIC** 2014

#### EDUCATIONAL OBJECTIVES

This educational course aims to promote and co-ordinate a critical and open discussion on several topics of Platelet and trombosis research, ranging from basic science to the clinical practice and to provide the attendees with a comprehensive overview on the established knowledge and ongoing evolution on Platelet pathophysiology and pharmacology. Participants will attend an intensive training programme focused on the role of Platelets in atherogenesis and cardiovascular disease as well as on the recent advances in antiplatelet and antithrombotic therapy. At the conclusion of the course participants should be able to discuss on several aspects of Platelets and trombosis covered by the course and to integrate into their research projects and/or clinical practice the knowledge obtained through discussion with experts and review questions.

#### WEBSITE

Find all useful information about the Course at www.alpic2014.gr.

<u>Newsletter</u>: If you wish to receive information and be updated about the ALPIC courses, you may subscribe in the newsletter subscription form available on the website.

#### REGISTRATION

Registration for the course is free of charge.

#### SECRETARIAT OPERATING HOURS

Friday, March 7<sup>th</sup> 2014: Saturday, March 8<sup>th</sup> 2014: Sunday, March 9<sup>th</sup> 2014: 16.00 - 20.30 08.30 - 14.00 & 16.45 - 20.15 09.00 - 13.30

#### 

The official languages of the course are Greek and English.

All slide presentations should be in English.

The English language may be used widely especially in the presentations of the speakers to encourage the interaction in all scientific sessions of the foreign faculty. There will be no interpretation from English to Greek language and vice versa.

#### ACCREDITATION

The Congress has been accredited with **12** Continuing Medical Education (C.M.E.) Credits by the Panhellenic Medical Association according to the EACCME-UEMS criteria.

#### PARTICIPANT BADGE

All participants, upon confirmation of their registration at the Secretariat on Friday, March 7<sup>th</sup>, 2014, will be provided with a name badge that bears a unique barcode.

It must be clearly understood that barcode badges must be scanned before entering AND after exiting the Lecture Hall for each session (in order the exact duration of attendance to be recorded).

#### According to the National Organization of Medicines Regulation participation for at least of 60% of the total duration of the scientific programme must be secured and recorded!

#### Notes:

- It is obligatory for all participants to wear their badges always during the Course.
- Barcode name badge already used for recording attendance cannot be replaced with a second badge (as duration of attendance will not be allocated properly).
- Name badges are also necessary for admittance to the Dinners and the Lunch and to be returned to the Secretariat for receiving the Certificate(s) of Attendance.
- Time slots for breaks will not be recorded.

#### **CERTIFICATE OF ATTENDANCE**

All registered participants are entitled to receive a Certificate of Attendance. The Certificate will be issued only upon return of the name badge and the Evaluation Form (completed) at the Secretariat desk onsite by the end of the Course.

#### **PPT PRESENTATIONS**

All who have presentations are kindly requested to deliver their presentation(s) in PPT format Tto the technical support personnel at least **one (1) hour before the beginning** of the Session (in order to ensure on time they run smoothly and to be able of making any possible changes).

If the presentation is scheduled early in the morning, you are kindly requested to check your presentation with the technical support personnel the day before.

#### **EVALUATION FORM (mandatory)**

All participants by the end of the Congress are requested to complete and deliver to the Secretariat a relative Evaluation Form (anonymous) as feedback of their experience during the Course.



#### SOCIAL EVENTS

In addition to the professional programme, there is time to relax and network, including:

- Welcome Reception Friday, March 7<sup>th</sup>, 2014 at the Grand Forest Metsovo at 21.00 hours.
- Lunch Saturday, March 8<sup>th</sup>, 2014 at the Grand Forest Metsovo at 14.00 hours.
- Dinner

**Saturday, March 8<sup>th</sup>**, 2014 at a traditional tavern in Metsovo at **21.00** hours. There will be Shuttle bus service available for participants for the transfer to Metsovo at 20.30 hours (just after the end of the scientific programme).

Participants are kindly request to present their badge for admittance to the above events (valid for 1 person).

#### SHUTTLE BUS SERVICE

Shuttle bus service will be available from the course venue, Grand Forest Metsovo to the central square of Metsovo for all participants free of charge. For the exact timeslots please refer to the announcement board available at your hotel (driving time: 20 min).

#### EXHIBITION

The course will be accompanied by a major exhibition where pharmaceutical and/or equipment/device industries will display relevant products and therapeutic developments. Pharmaceutical companies and medical publishers are invited to participate to the course and exhibition.

#### LIABILITY AND INSURANCE

The course Organizers cannot accept liability for personal accidents or loss or damage to private property of participants and accompanying persons. Participants should make their own arrangements with respect to health and travel insurance.

#### ORGANIZING - ADMINISTRATIVE BUREAU/ SECRETARIAT

#### Conferre Ltd

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## **SPONSORS**



The Organizers wish to thank the following pharmaceutical and/or equipment/ device companies for their support in the realization of the course:





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