



**I.R.C.C.S.**  
**Istituto Scientifico HS Raffaele**  
**Milano**



**Fondazione I.R.C.C.S.**  
**Policlinico S. Matteo**  
**Pavia**

***10<sup>th</sup> International Winter  
Meeting on Coagulation***

**Basic, Laboratory and Clinical  
Aspects of Venous and Arterial  
Thromboembolic Diseases**

**Bormio (SO) - Italy  
April 10-16, 2011**

**With the auspices of:**

**ALT (?>?)**

**F.C.S.A.** (Federazione Centri per la Diagnosi della Trombosi  
e la Sorveglianza delle Terapie Antitrombotiche)

**SISET** (Società Italiana per lo Studio della Emostasi e della Trombosi)

**C.M.E. Accreditation (29 credits)**

**PROGRAM**

**SCIENTIFIC COMMITTEE**

Armando D'Angelo (Milano, Italy),  
Antonio Girolami (Padova, Italy),  
Charles T. Esmon (Oklahoma City, OK, USA),  
Marco Cattaneo (Milano, Italy),  
Alexander Spyropoulos (Hamilton, On, Canada)  
Franco Piovella (Pavia, Italy)

**ORGANIZING SECRETARIAT**

NL Congressi s.r.l.

## SPEAKERS AND CHAIRMEN

Walter Ageno (Varese, Italy)  
Giancarlo Agnelli (Perugia, Italy)  
Alessandra Balduini (Pavia, Italy)  
Carlo Balduini (Pavia, Italy)  
Rupert Bauersachs (Darmstadt, Germany)  
Cecilia Becattini (Perugia, Italy)  
Francesco Bernardi (Ferrara, Italy)  
Benjamin Brenner (Haifa, Israel)  
Harry B Iler (Amsterdam, The Netherlands)  
Marina Camera (Milano, Italy)  
Marco Cattaneo (Milano, Italy)  
Nicola Ciavarella (Bari, Italy)  
Ander Cohen (London, UK)  
Mario Colucci (Bari, Italy)  
Björn Dahlbäck (Malmö, Sweden)  
Armando D'Angelo (Milano, Italy)  
Giovanni Davì (Chieti, Italy)  
Raimondo De Cristofaro (Roma, Italy)  
Luigi De Marco (Aviano, Italy)  
Valerio De Stefano (Roma, Italy)  
Hervé Decousus (St-Etienne, France)  
Giovanni Di Minno (Napoli, Italy)  
Jim Douketis (Hamilton, Canada)  
Naomi Esmon (Oklahoma City, USA)  
Charles T. Esmon (Oklahoma City, USA)  
Anna Falanga (Bergamo, Italy)  
Grigoris Gerotziakas (Paris, France)  
Antonio Girolami (Padova, Italy)  
Elvira Grandone (S. Giovanni Rotondo, Italy)

## SPEAKERS AND CHAIRMEN

Paolo Gresele (Perugia, Italy)  
Menno Huisman (Amsterdam, The Netherlands)  
Davide Imberti (Ferrara, Italy)  
Darijana Jovanovic (Novi Sad, Serbia)  
Maddalena Lettino (Milano, Italy)  
Kurt Mahan (Albuquerque, USA)  
Cesare Manotti (Fidenza, Italy)  
Marina Marchetti (Bergamo, Italy)  
Norma Maugeri (Milano, Italy)  
Marco Moia (Milano, Italy)  
H. James Morrissey (Urbana, USA)  
Pasquale Pignatelli (Roma, Italy)  
Mario Pini (Fidenza, Italy)  
Franco Piovella (Pavia, Italy)  
Daniela Poli (Firenze, Italy)  
Paolo Prandoni (Padova, Italy)  
Domenico Prisco (Firenze, Italy)  
Alireza Rezaie (St. Louis, USA)  
Lidia Rota (Milano, Italy)  
Zaverio Ruggeri (La Jolla, USA)  
Per Morten Sandset (Oslo, Norway)  
Paolo Simioni (Padova, Italy)  
Alexander Spyropoulos (Hamilton, Canada)  
Sophie Testa (Cremona, Italy)  
Vincenzo Toschi (Milano, Italy)  
Alexander G. Turpie (Hamilton, Canada)  
Francesco Violi (Roma, Italy)  
Stefano Zecchi (Milano, Italy)

## PROGRAM

Sunday, April 10

Welcome and Registration (1.00-4.00 pm)

5.00-7.30 p.m. **Afternoon Session**

### **PRIMARY HEMOSTASIS I**

Chairmen: Charles T Esmon (Oklahoma City, USA)  
Marco Cattaneo (Milano, Italy)

### **Calcium signalling and NO production in platelets under flow**

Luigi De Marco (Aviano, Italy)

### **Platelet activation in diabetes mellitus**

Giovanni Davì (Chieti, Italy)

### **Regulation by high glucose concentrations of platelet and monocyte COX-2**

Paolo Gresle (Perugia, Italy)

### **Are diabetic patients less sensitive to aspirin than non-diabetic patients?**

Marco Cattaneo (Milano, Italy)

### **10<sup>th</sup> WINTER MEETING ON COAGULATION: CELEBRATION LECTURE**

Chairmen: Armando D'Angelo (Milano, Italy)  
Franco Piovella (Pavia, Italy)

### **Myocardial infarction in hemophilia patients**

Antonio Girolami (Padova, Italy)

## PROGRAM

Monday, April 11

8.30-12.00 a.m. **Morning Session**

### **PRIMARY HEMOSTASIS II**

Chairmen: Jim Morrissey (Urbana, USA)  
Naomi Esmon (Oklahoma City, USA)

### **Congenital thrombocytopenias**

Carlo Balduini (Pavia, Italy)

### **Initiation and regulation of thrombogenesis at the vessel wall**

Zaverio Ruggeri (La Jolla, USA)

### **Insight of megakaryocyte-matrix interactions in the bone marrow environment**

Alessandra Balduini (Pavia, Italy)

### **Activated platelets induce neutrophil extracellular traps**

Norma Maugeri (Milano, Italy)

### **Platelet-associated tissue factor: still an ongoing controversy?**

Marina Camera (Milano, Italy)

4.30-7.30 p.m. **Afternoon Session**

### **ARTERIAL THROMBOSIS**

Chairmen: Francesco Violi (Roma, Italy)  
Maddalena Lettino (Pavia, Italy)

### **Circulating biomarkers of atherosclerotic plaque instability: are they useful in clinical practice?**

Vincenzo Toschi (Milano, Italy)

### **High Lp(a) levels: are we ready for treatment?**

Domenico Prisco (Firenze, Italy)

### **Atrial fibrillation: an athero-thromboembolic disease**

Francesco Violi (Roma, Italy)

### **The role of thrombophilia in arterial thrombosis**

Paolo Simioni (Padova, Italy)

### **Epidemiology of venous thromboembolism**

Alexander Cohen (London, U.K.)

### **Statins in secondary prophylaxis of venous thromboembolism**

Harry Buller (Amsterdam, The Netherlands)

9.30-10.30 p.m. **Candlelight Lecture**

### **EXTASY AND HEMOSTASIS**

**Cos'è la bellezza, oggi (What is beauty, today)**

Stefano Zecchi

(Cattedra di Estetica, Università Statale di Milano, Milan, Italy)

# PROGRAM

## Tuesday, April 12

8.30-12.00 a.m. **Morning Session**

### **MECHANISMS IN HEMOSTASIS AND THROMBOSIS I**

Chairmen: Charles T. Esmon (Oklahoma City, USA)  
Francesco Bernardi (Ferrara, Italy)

#### **Modulation of haemostatic factor levels: in vivo findings and cellular models**

Francesco Bernardi (Ferrara, Italy)

#### **Reducing congenital bleeding and coagulopathy through selective inhibition of activated protein C anticoagulant activity**

Charles T. Esmon (Oklahoma City, USA)

#### **The protective effect of antithrombin through interaction with HSPG on endothelium**

Alireza Rezaie (St. Louis, USA)

#### **Maternal-fetal hemostasis: mechanisms and implications**

Benjamin Brenner (Haifa, Israel)

#### **Homocysteine, oxidative stress and thrombosis**

Giovanni Di Minno (Napoli, Italy)

4.30-7.30 p.m. **Afternoon Session**

### **NOT ONLY DEEP VEIN THROMBOSIS**

Chairmen: Lidia Rota (Milano, Italy),  
Benjamin Brenner (Haifa, Israel)

#### **Thrombophilia testing**

Valerio De Stefano (Roma, Italy)

#### **The role of family physicians in the prevention of venous thromboembolism**

Paolo Prandoni (Padova, Italy)

#### **Antiplatelet treatment combined with old or new oral anticoagulant drugs: need for an evidence-based approach**

Marco Moia (Milano, Italy)

#### **Bleeding and heparins: the size of the problem and risk determinants**

Mario Pini (Fidenza, Italy)

#### **Thromboelastometry in the management of severe hemorrhage**

Paolo Simioni (Padova, Italy)

#### **Superficial vein thrombophlebitis**

Hervé Decousus (St. Etienne, France)

# PROGRAM

## Wednesday, April 13

8.30-12.00 a.m. **Morning Session**

### **MECHANISMS IN HEMOSTASIS AND THROMBOSIS II**

Chairmen: Björn Dahlbäck (Malmö, Sweden)  
Mario Colucci (Bari, Italy)

#### **Sepsis and cellular trauma lead to histone mediated organ failure and death**

Charles T. Esmon (Oklahoma City, USA)

#### **Role of HDL in the regulation of coagulation**

Björn Dahlbäck (Malmö, Sweden)

#### **How vitamin K-dependent clotting proteins bind to membranes**

Jim Morrissey (Urbana, USA)

#### **EPCR changes the PAR-dependent signaling specificity of coagulation proteases**

Alireza Rezaie (St. Louis, USA)

#### **Divergent effect of VWF oxidation on its hydrolysis by ADAMTS-13 and leukocyte serine proteases**

Raimondo De Cristofaro (Roma, Italy)

4.30-7.30 p.m. **Afternoon Session**

### **CANCER AND VENOUS THROMBOEMBOLISM**

Chairmen: Anna Falanga (Bergamo, Italy)  
Rupert Bauersachs (Darmstadt, Germany)

#### **Characterization of the thrombin generation potential of tumor cells**

Marina Marchetti (Bergamo, Italy)

#### **Risk stratification and models for predicting VTE in cancer**

Anna Falanga (Bergamo, Italy)

#### **Prevention of thromboembolic events in ambulatory cancer patients on chemotherapy**

Giancarlo Agnelli (Perugia, Italy)

#### **VTE Treatment in cancer patients**

Davide Imberti (Ferrara, Italy)

#### **CATCH - the efficacy and safety of long-term Tinzaparin treatment versus anticoagulation with warfarin for the treatment of acute VTE in cancer patients**

Rupert Bauersachs (Darmstadt, Germany)

## PROGRAM

### Thursday, April 14

8.30-12.00 a.m. **Morning Session**

#### **MECHANISMS IN HEMOSTASIS AND THROMBOSIS III**

Chairmen: Per Morten Sandset (Oslo, Norway)  
Giovanni Di Minno (Napoli, Italy)

#### **What makes an anticoagulant a good profibrinolytic agent?**

Mario Colucci (Bari, Italy)

#### **TFPI as an antiproliferative/antiangiogenic target**

Per Morten Sandset (Oslo, Norway)

#### **Isoprostanes and platelet activation**

Pasquale Pignatelli (Roma, Italy)

#### **Annexin A5 and risk of VTE and pregnancy complications**

Elvira Grandone (S. Giovanni Rotondo, Italy)

#### **Polyphosphate: an ancient molecule at the nexus of inflammation and blood coagulation**

Jim Morrissey (Urbana, USA)

4.30-7.30 p.m. **Afternoon Session**

#### **PERIOPERATIVE ANTITHROMBOTIC MANAGEMENT AND PULMONARY EMBOLISM**

Chairmen: Giancarlo Agnelli (Perugia, Italy)  
Paolo Prandoni (Padova, Italy)

#### **Systematic review of perioperative bridging**

Alex Spyropoulos (Hamilton, Canada)

#### **Perioperative bridging: North American regimen and implications for future research**

Jim Douketis (Hamilton, Canada)

#### **Novel oral antithrombotics in the perioperative setting**

Menno Huisman (Amsterdam, The Netherlands)

#### **Thrombin generation activity during bridging therapy to measure dual antithrombotic activity**

Grigoris Gerotziapas (Paris, France)

#### **Risk stratification for adverse outcome in patients with acute pulmonary embolism**

Cecilia Becattini (Perugia, Italy)

## PROGRAM

### Friday, April 15

8.30-12.00 a.m. **Morning free**

4.00-7.30 p.m. **Afternoon Session**

#### **VITAMIN K ANTAGONISTS AND NEW ORAL ANTICOAGULANTS**

Chairmen: Cesare Manotti (Fidenza, Italy)  
Nicola Ciavarella (Bari, Italy)

#### **Monitoring vitamin K antagonists: help from the web**

Sophie Testa (Cremona, Italy)

#### **Anticoagulation clinics: 10 years from now**

Cesare Manotti (Fidenza, Italy)

#### **ROUND TABLE: PRACTICAL USE AND CLINICAL CHALLENGES OF NEW ORAL ANTICOAGULANTS**

Chairmen: Franco Piovella (Pavia, Italy)  
Armando D'Angelo (Milano, Italy)

#### **Discussants**

Walter Ageno (Varese, Italy)  
Rupert Bauersachs (Darmstadt, Germany)  
Jim Douketis (Hamilton, Canada)  
Maddalena Lettino (Pavia, Italy)  
Marco Moia (Milano, Italy)  
Daniela Poli (Firenze, Italy)  
Vincenzo Toschi (Milano, Italy)  
Alexander G. Turpie (Hamilton, Canada)

## PROGRAM

Saturday, April 16

8.30-11.30 a.m. **Morning Session**

### **THROMBOPROPHYLAXIS IN THE ACUTELY ILL MEDICAL PATIENT**

Chairmen: Alexander G. Turpie (Hamilton, Canada)  
Alex Spyropoulos (Hamilton, Canada)

#### **Systematic review of thromboprophylaxis in acutely ill medical patients**

Walter Ageno (Varese, Italy)

#### **Methods to improve hospital thromboprophylaxis**

Kurt Mahan (Albuquerque, USA)

#### **Novel oral antithrombotics**

Alexander G. Turpie (Hamilton, Canada)

#### **Optimal duration of prophylaxis**

Jim Douketis (Hamilton, Canada)

#### **Thromboprophylaxis in hospitalized cancer patients**

Darijana Jovanovic (Novi Sad, Serbia)

#### **Use of RAMs**

Alex Spyropoulos (Hamilton, Canada)

#### **Optimal dose frequency of UFH: b.i.d. vs t.i.d.**

Kurt Mahan (Albuquerque, USA)

### **CONCLUSIVE REMARKS**

Armando D'Angelo (Milano, Italy)  
Franco Piovella (Pavia, Italy)

## SCIENTIFIC INFORMATION

### **PROJECTIONS**

PC Power Point projection will be available. Pen drives or CDs must be handed in at the "Projection center" at least 30 minutes before the beginning of the session.

### **OFFICIAL LANGUAGE**

The official language of the meeting is English. No simultaneous translation will be provided.

### **CONTINUING MEDICAL EDUCATION**

The Italian Health Ministry gave 29 CME credits to the Meeting.

## GENERAL INFORMATION

### CONGRESS VENUE

PALACE HOTEL BORMIO  
Via Milano, 54  
23032 Bormio (Sondrio) - Italy  
Ph. +39 0342 90 31 31  
Fax +39 0342 90 33 66  
info@palacebormio.it  
www.palacebormio.it

### ORGANIZING SECRETARIAT



NL Congressi s.r.l.  
Via di Filomarino, 6  
00199 Roma - Italy  
Ph +39 06 85 30 56 21  
Fax +39 06 85 35 12 94  
nl@nlcongressi.it  
www.nlcongressi.it/bormio2011

### REGISTRATION FEE

Euro 420 (VAT 20% included)

The registration fee includes:

- Congress documents
- Coffee Breaks
- Abstract Book
- Certificate of Attendance
- C.M.E. Certificate

## ACKNOWLEDGEMENTS

The Scientific Committee would like to thank



**Baxter**



Bayer HealthCare  
Bayer Schering Pharma



Boehringer  
Ingelheim



Daiichi-Sankyo

Lilly

Leaders in healthcare. Innovators in life.



KEDRION  
BIOPHARMACEUTICALS



Instrumentation  
Laboratory



The bleeding management system

**sanofi aventis**

La salute, la cosa più importante



