



BTMCS Preliminary Program

Thursday, May 15th

7:00 – 9:30 pm Welcome Reception (*The Imperial Riding School Hotel*)

Friday, May 16th

- 8:00 am Conference Opening *Prof. G. Wieselthaler* (Program Chair)
Austrian Science Minister
Prof. E. Wolner (Head Dept. CT Surgery)
Prof. W. Schütz (Rector Medical University Vienna)
- 8:30 – 10:15 am Session 1: ***Engineering Conundrums: Paving the Way to Prevent Pump Thrombosis***
Chair: *H. Schima* (Vienna), *Bart Meyns* (Leuven)
- 8:30 *Peter Nüsser* (Berlin, Germany) “Engineering principles for development and optimization of blood pumps”
- 8:55 *Rosy Eloy* (Chasse sur Rhone, France) “What are the important issues for bio- & blood-compatibility in the 21st century?”
- 9:15 *Vincent Turitto* (Chicago, USA) “Blood shear stress and surface considerations related to thrombotic events in blood pumps”
- 9:45 *Danny Bluestein* (New York, USA) “Optimizing device anti-thrombogenic performance”
- 10:15 – 11:00 am Coffee Break & Exhibition
- 11:00 – 01:00 pm Session 2: ***Advances in Thrombosis and Antithrombotic Therapies***
Chair: *Theodore Warkentin* (Hamilton), *Marc Slaughter* (Chicago)
- 11:00 *Vivien Chen* (Boston, USA) “Principles of thrombus formation”
- 11:30 *Michael Spannagl* (Munich, Germany) “Monitoring - due to missing standards still a major problem in anticoagulation-therapy”
- 12:00 *John Eikelboom* (Hamilton, Canada) “Why combined anticoagulation- and anti-platelet therapy?”
- 12:30 *Paul Kyrle* (Vienna, Austria) “*What’s on the horizon: new anticoagulation therapies that may make a difference?*”
- 1:00 – 2:15 pm Lunch Break & Exhibition
- 2:15 – 3:45 pm Session 3: ***Integrating Traditional and Emerging Options for Hemostatic Disorders***
Chair: *Michael Spannagl* (Munich), *Nicolas Smedira* (Cleveland)
- 2:15 *Theodore Warkentin* (Hamilton, Canada) “Heparin Induced Thrombocytopenia”
- 2:45 *Meinrad Gawaz* (Tuebingen, Germany) “The impact of infections on the coagulation system and platelet function?”
- 3:15 *Paul Knöbl* (Vienna, Austria) “Acquired auto antibodies influencing the coagulation system”
- 3:45 – 4:15 pm Coffee Break & Exhibition
- 4:15 – 5:55 pm Session 4: ***Von Willebrand Factor: An Update on Biology, Impact and Options to Intervene***
Chair: *Marco Cattaneo* (Milan), *Georg Wieselthaler* (Vienna)
- 4:15 *Zaverio Ruggeri* (La Jolla, USA) “State of the art in von Willebrand Factor”
- 4:55 *Armin Reininger* (Munich, Germany) “Shear stress conditions and vWF ”
- 5:25 *Hans Deckmyn* (Leuven, Belgium) “The vWF-platelet axis as a therapeutic target”
- 7:45 pm Bus Transfer Vienna Town Hall
- 8:00 pm *Lord Major Reception*, Vienna Town Hall

Saturday, May 16th

8:00 – 10:00 am **Session 5: *Platelets: Insights into Physiology, Pathologic Mechanisms and Clinical Relevance***
Chair: *Xaverio Ruggeri* (La Jolla), ***Ali El Banayosi*** (Bad Oenhausen)

8:00 ***Beate Kehrel*** (Muenster, Germany) “Platelet physiology”
8:30 ***Simon Panzer*** (Vienna, Austria) “Is there an ideal platelet function test?”
9:00 ***Marco Cattaneo*** (Milan, Italy) “Antiplatelet drug resistance: Fact or Fiction?”

9:30 – 10:00 **Coffee Break & Exhibition**

10:00 – 12:30 **Session 6: *Eliminating Thrombosis in Patients with Mechanical Circulatory Support Devices: Mission Impossible?***

Panel discussion: “State of the art anticoagulation regimens in MCS”

(*A. El Banayosi, B. Meyns, P. Nolan, N. Smedira, M. Slaughter*)

Moderator: *G. Wieselthaler* (Vienna)

Chair: *A. El Banayosi* (Bad Oeynhausen), ***G. Wieselthaler*** (Vienna)

11:30 ***Andreas Koster*** (Berlin, Germany) “Anticoagulation management of HIT positive patients during surgery”

12:00 ***Open papers***

12:30 – 2:00 pm **Lunch Break & Exhibition**

2:00 – 3:30 pm **Session 7: *Bleeding in Mechanical Support: Much Progress and Remaining Issues***
Panel discussion: “Bleeding takes center stage: Strategies to decrease bleeding during implant & transplant”

(*A. El Banayosi, J. Eikelboom, A. Rajek, nn,nn,*)

Moderator: *M. Slaughter* (Chicago)

Chair: *P. Massicotte* (Edmonton), ***M. Slaughter*** (Chicago)

3:00 ***Open papers***

3:30 – 4:00 pm **Coffee Break & Exhibition**

4:00 – 6:00 pm **Session 8: *Advancing Practice and Improving Outcomes in MCS***

Chair: *N. Smedira* (Cleveland), ***B. Meyns*** (Leuven)

4:00 ***P. Nolan*** (Tucson, USA) “Why use dipyridamole in MCS?”

4:30 ***Patricia Massicotte*** (Edmonton, Canada) “Anticoagulation in pediatric MCS patients: Are children little adults?”

5:00 ***Open papers***

7:30 pm **Bus transfer to Gala Evening**

8:00 pm ***BTMCS 2008 Gala Reception*** at the Vienna Natural History Museum