



Platelets 2008 International Symposium

Woods Hole, Massachusetts, U.S.A. | October 15–18, 2008

OCTOBER 15

BIRTH AND DEATH OF PLATELETS

5:00 pm – 6:30 pm

Yin and Yang in Megakaryopoiesis: New Insights into the Yang

Morty Poncz (Philadelphia, USA)

Building Platelets

John Hartwig (Boston, USA)

The Molecular Control of Platelet Life Span *Benjamin Kile (Melbourne, Australia)*

6:30 pm – 8:00 pm: Welcome Dinner

8:00 pm – 9:00 pm: Keynote Speaker

The Golden Age of Platelet Research

Barry Coller (New York, USA)

OCTOBER 16

PLATELET ACTIVATION

7:30 am – 8:30 am: Breakfast

8:30 am – 10:00 am

Identification of A New Shear-Dependent Platelet Aggregation Mechanism

Shaun Jackson (Melbourne, Australia):

Molecular Mechanisms of Platelet Activation and Adhesion

Peter Newman (Milwaukee, USA):

Role of ADAMTS-18 in Oxidative Platelet Fragmentation and Platelet Thrombus Regulation

Simon Karpatkin (New York, USA)

10:00 am – 10:30 am: Coffee Break

PLATELET SIGNALING

10:30 am – 12:00 pm

Platelet Integrins Signal Their Relevance to Vascular Biology and Oncology

Sandy Shattil (La Jolla, USA):

Investigation of Novel Platelet Surface Receptors and Signaling Proteins

Steve Watson (Birmingham, United Kingdom)

Achieving the Optimal Hemostatic Response by Regulating Platelet Activation

Skip Brass (Philadelphia, USA)

12:00 pm – 1:00 pm: Lunch

1:00 pm – 3:00 pm: Free Time

PHARMACOLOGY I

3:00 pm – 4:30 pm

Current Issues with Aspirin and Clopidogrel

Carlo Patrono (Rome, Italy)

Prasugrel

Joe Jakubowski (Indianapolis, USA)

AZD6140 and Cangrelor

Rob Storey (Sheffield, UK)

4:30 pm – 5:00 pm: Coffee Break

PHARMACOLOGY II

5:00 pm – 6:30 pm

Novel Antiplatelet Agents

Larry Frelinger (Worcester, USA)

Protease-activated Receptor Antagonists in Platelet-mediated Thrombosis

Athan Kuliopulos (Boston, USA)

Novel Thrombopoietic Agents in ITP

Jim Bussel (New York, USA)

6:30 pm – 7:30 pm: Dinner

7:30 pm – 9:00 pm: Posters and Pretzels

OCTOBER 17

PLATELET FUNCTION TESTING

7:30 am – 8:30 am: Breakfast

8:30 am – 10:00 am

The History of Platelet Aggregometry

Gustav Born (London, United Kingdom)

Platelet Function Testing in Patients with Bleeding Disorders

Paul Harrison (Oxford, United Kingdom)

Platelet Function Testing in Patients with Thrombosis

Alan Michelson (Worcester, USA)

10:00 am – 10:30 am: Coffee Break

GENETIC DISORDERS

10:30 am – 12:00 pm

Lessons from the Middle Eastern Cradle of Glanzmann Thrombasthenia

Uri Seligsohn (Tel Hashomer, Israel)

ADP Receptor Disorders

Marco Cattaneo (Milan, Italy)

Gene Therapy for Platelet Disorders

Gil White (Milwaukee, USA)

12:00 pm – 1:00 pm: Lunch

1:00 pm – 3:00 pm: Free Time

220 Kinderkamack Road Suite A • Westwood, NJ 07675

Ph: (201) 594-0400 • Fax: (201) 594-0409 • Email: info@iwoodassoc.com



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PLATELETS FUNCTION UNDER FLOW CONDITIONS

3:00 pm – 4:30 pm

Platelet Adhesive Interactions Involved in Thrombus Formation: Understanding In Vivo and Ex Vivo Models
Zaverio Ruggeri (La Jolla, USA)

Pathways of Platelet Activation In Vivo
Barbara Furie (Boston, USA)

Regulation of Thrombus Formation In Vivo by Thiol Isomerases
Bruce Furie (Boston, USA)

4:30 pm – 5:00 pm: Coffee Break

PLATELETS IN ATHEROTHROMBOSIS AND INFLAMMATION

5:00 pm – 6:30 pm

Unraveling the Genetic Architecture of Atherothrombosis
Willem Ouwehand (Cambridge, United Kingdom)

Protein Synthetic Events in Platelets that Contribute to Thrombosis and Inflammation
Andy Weyrich (Salt Lake City, USA)

Role of Platelets in Preserving Vascular integrity During Inflammation
Denisa Wagner (Boston, USA)

6:30 pm – 7:30 pm: Farewell Dinner

7:30 pm – 9:00 pm: Posters and Pretzels

OCTOBER 18

ANTIBODY-MEDIATED PLATELET DISORDERS

7:30 am – 8:30 am: Breakfast

8:30 am – 10:00 am

Heparin-induced Thrombocytopenia
Andreas Greinacher (Greifswald, Germany)

The Role of Platelets in the Pathophysiology of the Antiphospholipid Syndrome
Flip de Groot (Utrecht, The Netherlands)

Fetal and Neonatal Alloimmune Thrombocytopenia: Recent Developments in Diagnosis and Management
Cécile Kaplan (Paris, France)

10:00 am – 10:30 am: Coffee Break

PLATELET MICROPARTICLES

10:30 am – 12:00 pm

The Role of Platelet Microparticles in Angiogenesis and Tumor Invasion
David Varon (Jerusalem, Israel)

Membrane Elasticity and Cytoskeletal Structure Determine Platelet Tether and Microparticle Formation Under Shear Stress
Armin Reininger (Munich, Germany)

Nanoparticles as Platelet Substitutes
Yasuo Ikeda (Tokyo, Japan)

12:00 pm – 1:00 pm: Lunch and Departure