



Platelets 2018: 10th International Symposium

Ramat Gan, Israel | April 21 - 25, 2018

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Saturday, April 21

Arrival and Registration

18:00 – 20:00 **Dinner**

Sunday, April 22

07:00 – 08:00 **Breakfast**

08:00 – 08:05 **Welcome and Introduction**
David Varon (Jerusalem, Israel)

08:05 – 10:05 **SESSION 1: Platelet Biogenesis**

08:05 – 08:30 **Koji Eto** (Kyoto, Japan): Turbulence activates platelet biogenesis from megakaryocytes

08:30 – 08:55 **Jonathan Thon** (Boston, USA): Making human platelets

08:55 – 09:20 **Christian Gachet** (Strasbourg, France): Functional properties of in vitro produced platelets

09:20 – 10:05 **Oral abstracts**

10:05 – 10:30 **Coffee Break**

10:30 – 12:30 **SESSION 2: Genetics of Platelet Disorders**

10:30 – 10:55 **Willem Ouwehand** (Cambridge, UK): A decade of GWAS – what next?

10:55 – 11:20 **Ernest Turro** (Cambridge, UK): Quantitative methods for identifying the genetic causes of rare bleeding and platelet disorders

11:20 – 11:45 **Kathleen Freson** (Leuven, Belgium): Insights into platelet biology from studies of rare inherited diseases

11:45 – 12:30 **Oral abstracts**

12:30 - 16:00 **Lunch & Free Time**

16:00– 18:00 **SESSION 3: Translational Research**

16:00 – 16:25 **Wolfgang Bergmeier** (Chapel Hill, USA): Inherited CalDAG-GEFI Deficiency – from bench to clinic and back

16:25 – 16:50 **Yotis Senis** (Birmingham, UK): The good, the bad and the ugly of G6b-B

16:50 – 17:15 **A.L. “Larry” Frelinger** (Boston, USA): Platelet serotonin: the first biomarker for sudden infant death syndrome

17:15 – 18:00 **Oral abstracts**

18:00 – 19:30 **Dinner**

19:30 – 21:00 **Poster Session 1**

Monday, April 23

07:00 – 08:00 **Breakfast**

08:00 – 10:00 **SESSION 4: Platelet Contractile Forces**

08:00 – 08:25 **Wilbur Lam** (Atlanta, USA): Leveraging platelet contractile force for diagnostic and therapeutic applications using engineered microsystems

08:25 – 08:50 **Steve Thomas** (Birmingham, UK): Advanced microscopy to study the platelet and megakaryocyte cytoskeleton

08:50 – 09:15 **Alexandre Kauskot** (Paris, France): The 2B paradox: here are the rules, ignore all rules

09:15 – 10:00 **Oral abstracts**

10:00 – 10:30 **Coffee Break**

10:30 – 12:30 **SESSION 5: Platelet Activation**

10:30 – 10:55 **Lawrence “Skip” Brass** (Philadelphia, USA): A systems approach to hemostasis

10:55 – 11:20 **Steve Watson** (Birmingham, UK): New stories on GPVI

11:20 – 11:45 **Bernhard Nieswandt** (Wurzburg, Germany): Targeting platelets receptors: new insights

11:45 – 12:30 **Oral abstracts**

12:30– 16:00 **Lunch & Free Time**

16:00– 18:00 **SESSION 6: Clinical Aspects of Platelet Activation**

16:00 – 16:25 **Marco Cattaneo** (Milan, Italy): Spontaneous platelet aggregation: just an artifact?

16:25 - 16:50 **Andreas Greinacher** (Greifswald, Germany): Heparin-induced thrombocytopenia

16:50 – 17:15 **Morty Poncz** (Philadelphia, USA): Neutrophil/endothelial interactions in HIT

17:15 – 18:00 **Oral abstracts**

18:00 – 19:30 **Dinner**

19:30 – 21:00 **Poster Session 2**

Tuesday, April 24

07:00 – 08:00 **Breakfast**

08:00 – 10:00 **SESSION 7: The Role of Platelets in Immunity**

08:00 – 08:25 **Junling Liu** (Shanghai, China): The critical roles of platelets in maintenance of immune homeostasis

08:25 – 08:50 **Beate Kehrel** (Munster, Germany): Platelets in host defense

- 08:50 – 09:15 **Eric Boilard** (Quebec, Canada): Platelet response to immune complexes
- 09:15 – 10:00 **Oral abstracts**
- 10:00 – 10:30 **Coffee Break**
- 10:30 – 12:30 **SESSION 8: Immune Thrombocytopenia**
- 10:30 – 10:55 **John Semple** (Lund, Sweden): Pathways of platelet-mediated immunoregulation
- 10:55 – 11:20 **James Bussel** (New York, USA): New developments in chronic ITP in children: Focus on TPO agents
- 11:20 – 11:45 **David Varon** (Jerusalem, Israel): What is the current and future role of splenectomy in ITP?
- 11:45 – 12:30 **Oral abstracts**
- 12:30– 16:00 **Lunch & Free Time**
- 16:00– 18:00 **SESSION 9: Platelet Function in Disease**
- 16:00 – 16:25 **Eli Lev** (Tel Aviv, Israel): Reticulated immature platelets: clinical importance and research perspectives
- 16:25 – 16:50 **Galia Spectre** (Petah Tikva, Israel): Postprandial platelet activation in diabetes
- 16:50 – 17:15 **Shoshana Revel-Vilk** (Jerusalem, Israel): Platelet function in Gaucher disease
- 17:15 – 18:00 **Oral abstracts**
- 18:00 – 19:30 **Dinner**
- 19:30 – 22:00 **Farewell Reception**

Wednesday, April 25

- 07:00 – 08:00 **Breakfast**
- 08:00 – 10:00 **SESSION 10: Antiplatelet Therapy**
- 08:00 – 08:25 **Carlo Patrono** (Rome, Italy): Targeting platelet activation in coronary atherothrombosis and colorectal cancer
- 08:25 – 08:50 **Simon Panzer** (Vienna, Austria): Response to antiplatelet therapy in patients with high platelet counts in essential thrombocythemia and polycythemia vera
- 08:50 – 09:15 **Rob Flaumenhaft** (Boston, USA): Protein disulfide isomerase as an antithrombotic target
- 09:15 – 10:00 **Oral abstracts**
- 10:00 – 10:30 **Coffee Break**
- 10:30 – 12:35 **SESSION 11: Future Therapeutics**
- 10:30 – 10:55 **Peter Newman** (Milwaukee, USA): Platelet engineering
- 10:55 – 11:20 **Meinrad Gawaz** (Tubingen, Germany): Role of CVCR-chemokine receptors in platelet function. Implications for translational medicine

- 11:20 – 11:45 **Heyu Ni** (Toronto, Canada): Thrombosis and thrombocytopenia: novel mechanisms and potential new therapeutic drugs
- 11:45 – 12:30 **Oral abstracts**
- 12:30 – 12:35 **Concluding Remarks**
David Varon (Jerusalem, Israel) **on behalf of Alan Michelson** (Boston, USA)
- 12:35 **Lunch & Departure**