Message from the Chairman

Dear APSTH members,

It is time for the mid-year newsletter again.

The APSTH-JSTH joint symposium for the young investigators took place in June at Nagoya and I am very impressed by the high standards shown in their presentations. Do look up the write-ups of their presentations and experiences in this newsletter.

Our next council meeting is scheduled for this month during the International Thrombosis and Hemostasis (ISTH) meeting where we will discuss the future directions and growth of APSTH as well as updates on the preparation for our 10th APSTH Scientific Congress 2018 at Hokkaido, Japan. There will also be updates on collaborative research work by the APMAT (Asia Pacific Microangiopathic Thrombocytopenia Network) and the Protein S Genetic Study group.

13th October, which is Rudolf Virchow’s birthday has been designated as World Thrombosis Day (WTD) by the International Thrombosis and Hemostasis. I urge our members to continue supporting the World Thrombosis Day (WTD) with initiatives to increase global awareness and to decrease the disease burden of thrombotic diseases, particularly venous thromboembolism and atrial fibrillation associated thromboembolic stroke.

While this is a quieter year as we do not have our Scientific Congress, we can continue our collaborative work on other platforms to further our cause for education and research in thrombosis and hemostasis. APSTH can certainly lend its support for educational and scientific meetings organized by ISTH and member countries from APSTH.
From the Editor

Dear Colleagues,

We are pleased to bring you news of what’s been happening so far this year and some information on upcoming events.

Now in its fourth year, the ISTH’s World Thrombosis Day (October 13, 2017) has had incredible success in its campaigns thus far, especially in the Asia-Pacific region. The participation and collaboration in the region has been impressive, with hundreds of activities engaging communities across Australia, China, India, Indonesia, Japan, New Zealand, Singapore, South Korea, Taiwan, and Thailand. This year, the campaign will be even bigger and better than the past years. The article indicates what you can do to get involved with this important campaign.

Again, we see the great benefits this year from the APSTH/JSTH Travel Grant Program in the accounts by this year’s recipients of their experiences in June at Nagoya, Japan. This year the awards went to young investigators from Australia, China, Malaysia, and South Korea.

In our Research News section, we have the latest developments in “New insights into platelet signaling and platelets-circulating tumor cells interaction”. This article is from three scientists at Chang Gung University, Taoyuan, Taiwan.

Last but not least, we have the 2017 calendar of upcoming meetings. We hope to see you at some of those meetings!

We have included details of the ISTH Workshop on Thrombosis and Hemostasis, November 4-7, 2017 in Bangkok, Thailand. I look forward to welcoming you to my home city of Bangkok.

If you have something to share with our members, please send an article to me at pantep.ang@mahidol.ac.th

Pantep Angchaisuksiri, Editor
Officer of Public Relations and Communications APSTH
As World Thrombosis Day (WTD) looks ahead to its fourth year, it’s exciting to reflect on the incredible success of the campaign thus far, especially in the Asia-Pacific region. The participation and collaboration in the region has been impressive, with hundreds of activities engaging communities across Australia, China, India, Indonesia, Japan, New Zealand, Singapore, South Korea, Taiwan, and Thailand.

WTD is recognized each year on 13 October and is committed to focusing attention on the often overlooked and misunderstood condition of thrombosis. Each year, hundreds of partners join together to organize more than 8,200 educational events in 80+ countries around the world.

In an effort to build upon the success of previous years, the campaign is excited to share its plans for 2017. WTD 2017 will continue to amplify its overarching campaign platform of Know Thrombosis: Keep Life Flowing, which emphasizes the need for healthcare professionals and patients to become educated about the condition. Additional highlights and activities are outlined below.

WTD 2017 Invites 1,000 Partners to Join This Year
With more than 750 current partners, the campaign is dedicated to continuing to increase its global footprint by welcoming a total of 1,000 partners by WTD 2017. Your help is needed! Spread the word about the WTD movement, join as an official partner, and encourage your network to participate. Who should join? Hospitals, clinics, higher education institutions, research centers, nonprofit organizations, societies, and individuals around the world. Join for free: www.worldthrombosisday.org/join/.

Expand Media Efforts and Engagement
Traditional and digital media efforts are being elevated across the globe, and Asia-Pacific is a top tier media market. Dedicated media experts in Singapore and Australia are working with the campaign to secure media opportunities for WTD throughout the Asia-Pacific region and collaborate with regional spokespersons. Additionally, partners will have access to new digital resources, including an updated Survivor Selfie profile picture frame, new press release templates, thrombosis-related data to share with local media, images, check lists and more. New digital education activities are being launched, including a thrombosis virtual media briefing in Washington, DC, USA, with conference call capabilities to encourage global participation. If you have a story to share or request media support for activities, contact the campaign at wtd@isth.org.
Healthcare Professional Resources

In an effort to broaden the campaign’s audience segments, new educational offerings and collateral resources designed specifically for healthcare professionals and organizations are available. From physicians and hospital managers to quality care staff and nursing professionals, these resources are important tools to help educate healthcare professionals about the treatment and prevention of thrombosis. These resources will be launched in advance of 13 October and will be available free to download for all partners.

Live Video Broadcast on 13 October

To highlight the impressive events and activities organized by partners around the world, WTD 2017 will host its first-ever LIVE video broadcast on 13 October. Tune in as activities worldwide are streamed live on social media (including Facebook and Twitter) and share in the experiences of your fellow partners. Also, WTD global activities organized by campaign headquarters will be hosted in both New York City (USA) and Brussels (Belgium).

Magnify the Patient Voice Through Stories

WTD patient stories are needed from around the world, especially in the Asia-Pacific region. Do you know someone who has a compelling thrombosis story? It may be yourself, a family member, friend, or patient. If you have a recommendation for a personal story, please email wtd@isth.org. In addition, a survivor anthem video will be launched to celebrate the stories of thrombosis survivors through their own first-hand accounts. This video is a valuable tool to share on social media and to feature at your event or activity on 13 October.

Global Footprint at Tradeshows

The WTD campaign will be strongly promoted at the ISTH 2017 Congress from July 8-13 in Berlin, Germany. A variety of WTD activities are planned, including flash giveaways, an educational symposium, charity run/walk to support WTD, and more. In addition, there will be a WTD education session at the European Society of Cardiology (ESC) 2017 Congress in Barcelona, Spain, and WTD will be promoted via travel booth activities at the ESC 2017 Congress and the American Society of Hematology (ASH) 2017 Meeting. The ISTH travel booth also plans to have a presence at the APSTH 2018 Congress in Japan next year.

New Scientific Resources

The WTD campaign is grounded in science – specifically that one in four people around the world die of conditions related to thrombosis. In 2017, this focus continues with new scientific resources becoming available in July and October 2017. These include the results of a 2016 study that explored global atrial fibrillation (AFib) awareness. Led by the WTD steering committee, the campaign’s scientific assets are an important component to thrombosis knowledge and awareness in the field.

Next Steps: How You Can Get Involved and Prepare for WTD 2017

Now is the time to start planning your awareness events and activities. To help brainstorm the best event or activity to hold in your community, see a comprehensive list of ideas and events on the WTD website that have been successfully organized by other organizations in previous years. We will continue to share events and activities confirmed in the Asia-Pacific region; view the events page on the WTD website for updates of new events in your area.

Review all of the resources available to the WTD community, including social media graphics and badges, flyers, partner toolkit, posters, slide templates, and more. New 2017 resources will continually be added to the website over the coming months, so please check back often. If you are interested in local sponsorship for your event/activity, please review the Awareness-to-Action Partner Toolkit for tips and recommendations.

Are you on social media? Follow WTD on Facebook, Twitter, LinkedIn, Instagram, YouTube and Pinterest. Don’t forget to use the following campaign hashtags: #WTDay17, #KnowThrombosis, #KnowAFib, and #KeepLifeFlowing.

To learn more about WTD, please visit website www.worldthrombosisday.org. If you have questions, please contact the campaign team at wtd@isth.org. Your feedback is always welcome and appreciated. The campaign team is excited to collaborate with you and looks forward to an exciting year filled with new resources, creative activities, inaugural digital events, and collaborative partner engagement.
Reports from Recipients of the APSTH/JSTH 2017 Travel Grant

Christine Shu-Mei Lee
ACRF Department of Cancer Biology and Therapeutics
John Curtin School of Medical Research
Australian National University, Canberra, Australia

APSTH/JSTH Joint Symposium Experience

First and foremost, I would like to express my gratitude to the organising committee of the APSTH-JSTH 2017 Joint Symposium for granting me this travel award to give my very first oral presentation in an international meeting. I felt very privileged to be offered the Young Investigator Award which enabled me to network and meet researchers with similar interests and diverse expertise in the field of thrombosis and haemostasis.

My travel from Canberra, Australia to Nagoya, Japan was very well organised by Mr. Sadaaki Matsumura and Professor Satoshi Fujii. I was given clear instructions on how to get to Meitetsu Inn Nagoya Kanayama from Chubu International Airport by train on the Meitetsu line. I was amazed by the punctuality of the public transport system in Japan. The train ride was pleasant and gave me the chance to see the changing landscape along the journey, from paddy fields to industrial zones and tall buildings in the bigger cities. From the Kanayama station, it was a short 5-minute walk to the hotel which was strategically located behind the AEON mall.

On the evening before the symposium, I was treated to an izakaya dinner at a traditional Japanese gastropub. This was when I first met Professor Satoshi Fujii, Professor Teruto Hashiguchi, Professor Yuki Ozaki and Dr Shogo Tamura. I was also introduced to two other young investigators, Shuang Wang from China and Hyunjung Kim from Korea. Despite the pouring rain, it was a memorable dinner where we were introduced to a huge variety of local Japanese delicacies like the tebasaki or fried chicken wing which is famous in Nagoya. Our dinner conversation revolved around our research experience in different countries (Japan, China, Korea, Malaysia, and Australia) and sightseeing places in and around Nagoya.

We were fortunate enough to hear from Professor Ozaki regarding his 35 years of research experience, his love for alcohol and Chinese poetry, and most importantly, his advice to young researchers on thriving in the field. I also briefly discussed my research with Professor Hashiguchi and Dr Tamura and received insightful feedback on future work. The night ended with our getting to know each other better and new friendships were forged.

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It was a pleasant 25-minute walk from the hotel to the Nagoya Congress Centre where the symposium was held. I was thoroughly impressed by how seamless and professional the registration and slides submission process was. My presentation entitled “Elevated plasma soluble GPVI (sGPVI) levels as a marker of platelet-activating autoantibodies in heparin-induced thrombocytopenia (HIT)” was among the five presentations by recipients of the Young Investigator Award. The other four presenters were:

Dinner at Tokugawaen Garden Restaurant.

The majestic Nagoya Castle.

Asian-Pacific Society on Thrombosis and Hemostasis
July 2017 Volume 7 No. 2
Not only did this conference serve as a platform for me to meet and network with researchers, it also gave me the opportunity to learn about the type of research being conducted in the Asia Pacific region. For this, I would like to extend my heartfelt “thank you” to the organising committee for providing this wonderful international opportunity to young researchers and my sincere gratitude to Professor Satoshi Fujii, Professor Tetsumei Urano, Professor Yukio Ozaki, Professor Lai Heng Lee and Dr Shogo Tamura for making us feel so welcome and for ensuring us an enjoyable stay in Nagoya. I certainly encourage other young researchers to submit their work for future APSTH-JSTH symposiums.

At the end of the day, Dr Tamura organised a taxi for us to visit the Tokugawa Art Museum which features a vast collection of the Tokugawa family treasures such as Chinese and Japanese ceramics, paintings, costumes, swords and historical reproduction of the living quarters of the Nagoya Castle such as the Japanese tea house. It was an eye-opening experience to learn about the history of Tokugawa and the samurai warriors. We were then treated to a delicious French-Japanese fusion fine dining at the nearby Tokugawaen Garden Restaurant. It was a wonderful opportunity to meet and get to know other researchers. Professor Tetsumei Urano, in particular, shared with us his research experience and enlightened us on Japanese culture.

On the day before the Chinese spring festival, I was happy to receive an email from Professor Satoshi Fujii and Professor Yukio Ozaki informing me that my abstract was selected to be presented at the APSTH-JSTH 2017 Joint Symposium. I was pleased not only because Japan was a country I always wanted to visit, but also because it would be the first time for me to give a presentation in such an international congress. I’d like to express my sincere thanks to Professor Satoshi Fujii and Professor Yukio Ozaki for their selection of my abstract.

I also want to give my thanks to Professor Fujii for his thoughtful and hospitable arrangements for my visit.
On June 10, I visited several scenic spots in Nagoya, and was deeply attracted by not only the beautiful and culturally rich landscape but also the friendly and polite people. I look forward to revisit of Japan in the future.

The research I covered at this symposium is about ERp72, a member of protein disulfide isomerase (PDI) family with three CGHC catalytic domains. By several thrombosis models established in a new ERp72 conditional knockout mice, we found that ERp72 plays important roles in hemostasis, arterial and venous thrombosis. This work took us about 4 years and I was happy to present it. The presentations shared by the other investigators were quite excellent. Additionally, all the Young Investigator Grant recipients were given a certification of excellence.

After the APSTH-JSTH joint symposium, we were invited to visit the Tokugawa Art Museum and attend a dinner party in a posh garden restaurant. Many famous scientists in the field of hemostasis and thrombosis from Japan and around the world attended the party, and I was fortunate enough to meet Professor Tetsuhito Kojima and some other professors; their amiable personalities and warm hospitality impressed me deeply. We had pleasant talks about language, food and different cultural nuances. What’s more, the delicious French cuisine is quite unforgettable.

On the second day of JSTH symposium, I learned the presentation given by Professor Nigel Mackman, who was a word-famous scientist in the field of coagulation, I have read many of his papers before. It was quite a pleasure for me to hear his lecture. In his talk, Professor Nigel Mackman summarized the research history of tissue factor, and dissected the important role of tissue factor in hemostasis and thrombosis. I also attended some other courses given by Japanese hematologists, although I can’t understand Japanese, I could get their meaning through their slides. By learning from these valuable lectures, my horizon was significantly broadened.

It was my great honor to attend the APSTH-JSTH 2017 Joint Symposium and I really enjoyed the valuable and wonderful experiences in Nagoya. The experience of giving a presentation at such an international congress benefited me greatly. It gave me courage and confidence to go on my research, showed me the newest research trends in my field, and above all, it gave me connections with many excellent counterparts around the world, which can broaden my horizon and enrich my knowledge. Finally, I would like to express my sincere thanks to Professor Yukio Ozaki, Professor Satoshi Fujii and Professor Tetsumei Urano for their kind selection of my abstract and warm hospitality for my visit, and many thanks to all the organizers of the JSTH symposium.
In January 2017, I felt very honored to be selected to present my research at the 39th APSTH/JSTH joint symposium in Nagoya, Japan. Knowing that I was awarded the Young Scientists Grant was like the best New Year gift as I was able to travel to Japan and to meet great hematologists there.

On June 7th, 2017, from Malaysia it took about 7 hours to Tokyo and another 2 hours to Nagoya, making me nervous, as this was my first time flying to Japan. Thank you to Dr Khadijah Mohd Nor (ENT specialist, UPM) for being a great companion throughout the journey.

Later that day, we were brought to a special dinner party at Garden Restaurant Tokugawaen with delicious cuisines. Prior to the dinner, we went to the Tokugawa Art Museum and learned about warrior costumes and Japanese calligraphy and paintings. Day one of the symposium was awesome!

On the second and third days of the symposium, I attended interesting talks regarding tissue factor in haemostasis and thrombosis from Dr Mackman (USA) and functions of oral anticoagulant by Dr Weitz (Canada). I was personally inspired by the talk Dr Mackman gave regarding interrelation tissue factor with thrombosis in vivo and in vitro. What an outstanding way to end the second day!

On the first day of the symposium, I met Prof. Dr. Satoshi Fujii together with other Young Scientists Grant recipients at a pre-symposium meeting at the Nagoya Congress Centre. He gave us a short briefing regarding the how the sessions of the symposium were conducted. Besides the JSTH/ APSTH session, there were also another two interesting hematological updates from Dr. Nigel Mackman and Dr. Jeffrey I. Weitz that were not to be missed.

My presentation for this symposium was entitled “Promising effects of Berberis vulgaris extract in atherothrombotic model.” I had a fruitful discussion and acquired new knowledge after my presentation and from the other four recipients’ presentations, including Shuang Wang and Fengwu Chen from China, Christine Shu-Mei Lee from Australia, and Hyungjung Kim from Korea.

On the last day, I went on a hop-on-hop-off sightseeing bus to explore Nagoya town. Such a great facility, as the bus was available every 30 minutes at each stop. I visited Nagoya Castle, Noritake Garden and a famous Toyota Museum. Lastly, I went to Sakae Street to buy souvenirs for family and close friends.

To conclude, I would like to extend a heartfelt “thank you” to the organizing committee for the warm hospitality before and during the symposium. I would also like to extend my gratitude to Prof Satoshi Fujii who made my trip to Japan smooth.
It was the first time for me to be invited to make an oral presentation at an international congress. I couldn’t forget the delight when I received the email from Prof. Satoshi Fujii stating that I could present my paper at the APSTH/JSTH 2017 joint symposium in Nagoya. Since I had been looking forward to visiting Japan for a long time, this opportunity seemed to be a gift to me. Besides, it was very kind and generous of the committee to arrange my travel to Japan in detail. Considering my plan of visiting other cities, the committee thoughtfully made several detailed plans for me, including flights and routes of my visit. I was really grateful for their kindness.

At the congress, I met the other young investigators. They came from four different countries, Fengwu Chen from China, Christine Lee from Australia, Nurul Huda from Malaysia and Hyunjung Kim from Korea. The young investigators were all very kind and talkative. We gained a further understanding of one another and the countries.

On my arrival at Nagoya, I received a warm welcome from Professor Fuji and Professor Ozaki. They are very nice and kind, and we five young investigators were invited to a welcoming diner. At dinner, Professor Ozaki showed great interest in traditional Chinese culture, which really impressed me. He knows a large number of poems and poets of ancient times. The delicious foods and pleasant chat offered me a wonderful first impression of JSTH.

Although this was my first presentation at an international congress, I didn’t feel particularly nervous due to the kindness of people I met in this joint symposium. I presented a study of bortezomib as a new therapeutic method in ITP treatment by acting on long-lived plasma cells. This would offer a novel insight into the treatment of corticosteroid-resistant/relapsed ITP patients.

I was impressed by the excellent presentations and studies of the other young investigators. The audience listened very attentively, and the questions they brought up were very constructive.

On the whole, it was a great experience for me to attend the APSTH/JSTH 2017 joint symposium in Nagoya, and I really appreciate the professors and speakers for their kindness and help during my stay in Japan. I think this congress is a wonderful platform for young investigators to open their minds and get encouraged to be more active in their research works. This experience will be an unforgettable memory in my life.
Platelets were referred to as “the dust of blood” only about 100 years ago. Nowadays, multiple tasks of platelets in haemostasis, thrombosis, cancer progression, immunity, and bacterial and viral infections have been clearly defined. Our research focuses on understanding the signaling pathway leading to platelet activation and the interplay between platelets and circulating tumor cells (CTCs).

As an extension of our long term interest in unveiling the role of the adaptor protein Disabled-2 (Dab2) in platelet functions, Dr. Hui-Ju Tsai’s study using mass spectrometry technologies revealed that most of the Dab2-interacting proteins in platelets are involved in vesicle-mediated transport, endocytosis, and complement activation. Dab2-interactome is altered when resting platelets are activated by thrombin. We further demonstrated that Dab2 is phosphorylated in human platelets with Ser723 phosphorylation the most significantly increased by thrombin compared to the other phosphorylation sites. Dab2 Ser723 phosphorylation causes the dissociation of Dab2-CIN85 protein complex. CIN85 released from the protein complex acts on the signaling pathways related to integrin αIIbβ3 activation, fibrinogen binding, platelet aggregation and ADP release. Dab2 Ser723 phosphorylation is therefore part of the mechanism for inside-out signaling of integrin in response to thrombin stimulation (Figure 1).

We are also interested in understanding the interplay between platelets and CTCs which facilitates the survival of tumor cells. Podoplanin (PDPN) is among the most frequently up-regulated genes in squamous cell carcinoma. The binding and activation of C-type lectin-like receptor 2 (CLEC-2) by PDPN offers a unique opportunity to develop targeted agents to interfere with tumor cell-induced platelet aggregation and metastasis without affecting normal haemostasis. Dr. Yao-Wen Chang’s study revealed a synthetic compound 2CP, a derivative of 4-O-benzoyl-3-methoxy-beta-nitrostyrene, specifically binds to CLEC-2 at the binding pocket of PDPN and elicits inhibitory activity on metastasis caused by PDPN-expressing tumor cells (Figure 2). 2CP has potential as an anti-metastatic agent in cancer and as a tool for elucidating the molecular mechanism of PDPN-induced CLEC-2 activation. Based on the findings of this study, synthetic compounds that are more potent to interfere with platelets-CTCs interactions are under development through rationale compound design.
Figure 1. Model depicting the molecular basis of Dab2 Ser723 phosphorylation in thrombin signaling of human platelets

Figure 2. Molecular properties of 2CP. (A) Chemical structure of 2CP. (B) Podoplanin and 2CP share an overlapping binding site present in CLEC-2. The illustration was generated by superimposing the images of the crystal structures of CLEC-2 (blue) and PDPN (yellow) and molecular docking of 2CP (ball and stick model with gray carbons) with monomeric CLEC-2. The key amino acids (Asn 105, Arg107, Phe116, Arg118, and Arg157) involved in the binding of 2CP are indicated (gray dashed lines represent hydrogen bonds).
Upcoming Meetings:

1. XXVI Congress of the International Society on Thrombosis and Haemostasis (ISTH) and 63rd Annual Scientific and Standardization Committee (SSC) Meeting
   8-13 July 2017 – Berlin, Germany
   www.isth2017.org

2. ESC Congress 2017
   26-30 August 2016 – Barcelona, Spain
   www.escardio.org/ESC2017

3. 10th Asia Pacific Heart Rhythm Society (APHRS) Scientific Session
   14-17 September 2017 – Yokohama, Japan
   www.congre.co.jp/aphrs2017

4. HAA 2017
   29 October – 1 November 2017 – Sydney, Australia
   www.haa2017.com

5. ISTH Workshop on Thrombosis and Hemostasis
   4-7 November 2017 – Bangkok, Thailand
   https://www.isth.org/page/workshop17

6. 59th American Society of Hematology (ASH) Annual Meeting and Exposition
   9-12 December 2017– Atlanta, USA
   www.hematology.org/Annual-Meeting

7. World Congress of Phlebology
   4-8 February 2018 – Melbourne, Australia
   www.uip2018.com
The International Society on Thrombosis and Haemostasis (ISTH) and the Thai Society of Hematology invite you to the ISTH Workshop on Thrombosis and Hemostasis in Bangkok, Thailand from November 4-7, 2017 at the Anorma Grand Bangkok Hotel.

**Topics:** Congenital bleeding disorders, acquired hemostatic disorders, women’s issues in hemostasis/venous thrombosis

**Course Chairmen:** Pantep Angchaisuksiri, MD and Ponlapat Rojnuckarin, MD, PhD

**Target Audience:**
- Trainee in hemostasis, hematology, transfusion medicine, vascular medicine, or intensive care medicine
- Ph.D. wishing to acquire clinical and basic knowledge in the field
- Senior hematologist looking for an update

**Objectives:**
- Obtain an understanding of the latest developments in coagulation and bleeding disorders
- Learn to identify, diagnose and know the latest treatment for patients with risk of thrombosis
- Have the opportunity to network with leading experts in the field of thrombosis and hemostasis, benefiting from the small training size (250 maximum participants)
# ISTH Educational Workshop on Hemostatic Disorders Program

## November 3, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>16:00-19:00</td>
<td>Attendee registration</td>
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## November 4, 2017

**Sub-topic: Introduction**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>13:30 – 14:30</td>
<td>Introduction and epidemiology</td>
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<tr>
<td></td>
<td>Venous thrombosis in Asia – Pantep Angchaisuksiri (Thailand)</td>
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<td></td>
<td>Bleeding disorders in Asia – Ponlapat Rojnuckarin (Thailand)</td>
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<tr>
<td>14:30 – 15:30</td>
<td>Current concepts of the coagulation system with emphasis on hemostasis</td>
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<td></td>
<td>— Nigel Key (USA)</td>
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<tr>
<td>15:30 – 16:00</td>
<td>Coffee break &amp; networking</td>
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<tr>
<td>16:00 – 17:30</td>
<td>Overview of hemostatic assays and their clinical uses</td>
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<tr>
<td></td>
<td>Coagulation assays — Nigel Key (USA)</td>
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<td></td>
<td>Platelet function assays — Yukio Ozaki (Japan)</td>
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<td></td>
<td>Fibrinolytic assays — Tetsumei Urano (Japan)</td>
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<tr>
<td>17:30 – 18:30</td>
<td>Work-up of patient</td>
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<tr>
<td></td>
<td>How to approach a patient with thrombosis — Stephan Moll (USA)</td>
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<tr>
<td></td>
<td>How to approach a patient with bleeding — Nigel Key (USA)</td>
</tr>
<tr>
<td>18:30 -21:00</td>
<td>Welcome reception &amp; networking</td>
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</tbody>
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## November 5, 2017

**Sub-topic: Congenital bleeding disorders**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 – 8:15</td>
<td>Meet the Expert session</td>
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<tr>
<td>8:30 – 10:00</td>
<td>Von Willebrand disease</td>
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<td></td>
<td>The Diagnosis of VWD: Interpreting laboratory testing for a complex genetic disorder — David Lillicrap (Canada)</td>
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<td></td>
<td>Management – Michael Makris (UK)</td>
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<tr>
<td>10:00 -10:30</td>
<td>Coffee break &amp; networking</td>
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<tr>
<td>10:30 – 12:00</td>
<td>Hemophilia</td>
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<td>Laboratory testing for the diagnosis and monitoring of therapy in hemophilia — David Lillicrap (Canada)</td>
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<td></td>
<td>Management and complications — Fiora Peyvandi (Italy)</td>
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<tr>
<td>Time</td>
<td>Event</td>
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<tr>
<td><strong>12:00 – 13:30</strong></td>
<td>Lunch &amp; Instrumentation Laboratory (a Werfen Company) sponsored symposium: Chemiluminescence technology for hemostasis testing</td>
</tr>
</tbody>
</table>
| **13:30 – 15:00** | Hemophilia  
The future treatment of hemophilia: Spoiled for choice — David Lillicrap (Canada)  
Management of hemophilia under limited resources — Ampaiwan Chuansamrit (Thailand) |
| **15:00 – 15:30** | Coffee break & networking                                            |
| **15:30 – 17:00** | Rare bleeding disorders – Flora Peyvandi (Italy)  
Congenital platelet disorders – Michael Makris (UK)  
Thrombotic thrombocytopenic purpura — Flora Peyvandi (Italy) |
| **17:15 – 18:30** | Roche sponsored dinner symposium: TBA                                |

**November 6, 2017**  
**Sub-topic: Acquired hemostatic disorders**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td><strong>7:30 – 8:15</strong></td>
<td>Meet the Expert session</td>
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</tbody>
</table>
| **8:30 – 10:00** | Acquired inhibitors — Theera Ruchtrakool (Thailand)  
Hemolytic uremic syndrome — Doyeun Oh (Korea)  
Disseminated intravascular coagulation — Yu Hu (China) |
| **10:00 – 10:30** | Coffee break & networking                                             |
| **10:30 – 12:00** | Thrombosis in bleeding disorders — Michael Makris (UK)  
Heparin-induced thrombocytopenia — Christopher Ward (Australia)  
Hemostasis in liver disease and management — Yu Hu (China) |
| **12:00 – 13:30** | Lunch & Novartis sponsored symposium: New approach in severe aplastic anemia for better clinical outcome |
| **13:30 – 15:00** | Hematologist approach to management of postpartum hemorrhage — Claire Mcintosh (New Zealand)  
Laboratory tests for transfusion on massive bleeding — Satoshi Fujii (Japan)  
Fibrinolysis and hemostatic disorders — Tetsumei Urano (Japan) |
| **15:00 – 15:30** | Coffee break & networking                                             |
| **15:30 – 17:00** | Regional subjects  
Hypercoagulability in thalassemia — Pichika Chinthakhama (Thailand)  
Snake venom and coagulopathy — Ponlapat Rojnuckarin (Thailand)  
Hemostatic derangement in Dengue infection — Darinr Sosothikul (Thailand) |
| **17:00 – 17:30** | Case study/interactive presentation — patient with bleeding history by attendees  
Moderator: Nigel Key (USA) |
| **17:45 – 19:00** | Kyowa Kirin sponsored dinner symposium: TBA                           |
### November 7, 2017

**Sub-topic: Women issues in Hemostasis/Venous thrombosis**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 – 8:15</td>
<td>Meet the Expert session</td>
</tr>
</tbody>
</table>
| 8:30 – 10:00    | Women issues in Hemostasis  
Diagnosis of VTE in pregnancy – Claire McLintock (New Zealand)  
Management of VTE in pregnancy – Stephan Moll (USA)  
Bleeding in women/pregnancy – Claire McLintock (New Zealand) |
| 10:00 -10:30    | Coffee break & networking                                                                                                               |
| 10:30 – 12:00   | Venous thrombosis  
Diagnosis and the role of thrombophilia testing – Lai Heng Lee (Singapore)  
Risk assessment and prevention of VTE – Doyeun Oh (Korea)  
Recent advances in VTE treatment – Stephan Moll (USA) |
| 12:00 – 13:30   | Lunch & Bayer sponsored symposium: Addressing the unmet need in today’s clinical practice of VTE treatment                                |
| 13:30 – 15:00   | Venous thrombosis - special populations  
Cancer associated thrombosis – Pantep Angchaisuksiri (Thailand)  
Antiphospholipid syndrome – Christopher Ward (Australia)  
Pediatric thrombosis – Nongnuch Sirachainan (Thailand) |
| 15:00 – 15:30   | Coffee break & networking                                                                                                               |
| 15:30 – 17:30   | Antithrombotics  
DOACs in the real world – Lai Heng Lee (Singapore)  
The risk of bleeding with DOACs in East Asia – Satoshi Fujii (Japan)  
Bleeding complications and peri-operative management of anticoagulants – Bundarike Suwanawiboon (Thailand)  
Antiplatelet therapy – Yukio Ozaki (Japan) |
| 17:30 – 18:00   | Case study/interactive presentation – patient with venous thrombosis by attendees  
Moderator: Stephan Moll (USA) |
| 18:00 – 18:15   | Evaluation and farewell                                                                                                                 |