



## Inside

Message from the Chairman	1
From the Editor	1
World Thrombosis Day	3
Research News	4
Reports from the Recipients of the APSTH/JSTH 2014 Travel Grants	6
8 <sup>th</sup> APSTH Congress in Vietnam	11
Upcoming Meetings	12
3 <sup>rd</sup> ASEAN Federation of Hematology Congress	16

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## Message from the Chairman



**Lai Heng Lee**

Dear Members of APSTH,

We are indeed pleased to note that the scientific programme of the 8th Congress of APSTH is ready and posted on the Congress website <http://www.apsthanoi.org>. The registration and abstract submission deadlines have been extended to attract more participation. I am grateful to the APSTH Executive Committee for their immense contribution towards the planning of this programme and to the ISTH for supporting the pre-congress full-day education programme.

Based on the feedback from the clinicians in this region, we have an exciting programme covering a vast array of thrombotic and bleeding disorders, clinical application of laboratory tests and blood transfusion issues concerning coagulation. While there is more emphasis on clinical topics, science is not neglected as there are ample opportunities for scientific presentations at the free paper sessions and poster presentations. This is our platform to share ideas and raise the levels of science and clinical skills in Thrombosis and Haemostasis in the Asia Pacific Region and this will certainly be an exciting and fruitful learning experience for us. It will also be a great time to build and renew collaborations and friendships. We covet your support and participation to make this congress a successful and memorable event.

We will also have our annual Council meeting during the Congress meeting in Hanoi, during which the course for APSTH is charted for the following year. We welcome your feedback and suggestions to help APSTH improve and to serve you better; this can be done through your country representatives or through our APSTH website <http://www.apsth.org>.

I look forward to seeing you at the Congress in Hanoi.

## From the Editor

Dear Colleagues,

Our most important upcoming event is of course our 8th APSTH Congress, October 9-11 in Hanoi. A reminder is that the Early Bird Registration ends this month (July 31). I hope you can attend.

Another important date for October is the first World Thrombosis Day to be observed on October 13, 2014. Activities are already underway in communities around the world to mark this first awareness day. We have an article in this newsletter on those



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activities. An effort to bring together nations and local communities to tackle thrombosis, the World Thrombosis Day movement already has more than 115 partner organizations and societies from more than 60 countries around the world. A primary initiative of the International Society on Thrombosis and Haemostasis (ISTH), World Thrombosis Day is a vital effort to educate the public, health care professionals and policy makers about thrombosis risks, prevention and treatment and to help save the lives of people everywhere, regardless where they live.

In Research News, Hiroko Tsuda, M.D., Ph.D. from Fukuoka, Japan, tells us about recently uncovered racial differences in genetic risk factors for VTE. Next, we have a report on the experience of attending the APSTH/JSTH 2014 Symposium in Osaka. It was written by Junsong Zhou from Soochow University in Suzhou, China. He was a recipient of an APSTH/JSTH Travel Grant. He found the Symposium to be of great value to him. He thought that the APSTH-JSTH Symposium was a wonderful vehicle for him to understand the Society and the new progress of thrombosis and hemostasis in the Asian-Pacific area and the world. Another recipient of that travel grant, Ho-Young Yhim, MD, PhD, from Chonbuk National University Hospital, Jeonju, Korea, also submitted a report about his experiences at that same symposium. He writes that although he went to Osaka with some advance anxiety about giving a talk for the first time for an international conference, the doctors he met in Osaka just before his presentation were able to make him feel very comfortable with the task that lay before him. He was very pleased that his presentation was very successful. Another recipient of the travel grant from the Philippines, Pamela Rose L. Mancio, MD of the University of Santo Tomas Hospital, writes, "A single conversation with a wise man is better than ten years of study". This Chinese proverb perfectly encapsulates my whole experience in Japan. It was really enthralling to be surrounded not just by one wise man but a community of passionate people who share the same interests as mine." The last travel grant recipient, Minh Hua of University of New South Wales, Australia, thought that her time at the Symposium was truly an amazing experience. Like the three other travel grant recipients, she was very pleased with the helpfulness of the Japanese host professors on getting her ready to give her presentation. She writes that she found them to be warm, and this added to her enjoyment of the Symposium.

Next, in his article, "Attend the 8th Congress of the Asian – Pacific Society of Thrombosis and Hemostasis October 9th – 11th, 2014 in Hanoi", Prof. Nguyen Anh TRI, MD., PhD. gives an overview of that congress. Also, a poster of that congress appears on page 13 of this newsletter.

Last, but not least, check out our list of upcoming meetings, on page 12 of this newsletter.

### Pantep Angchaisuksiri, Editor

Officer of Public Relations and Communication APSTH

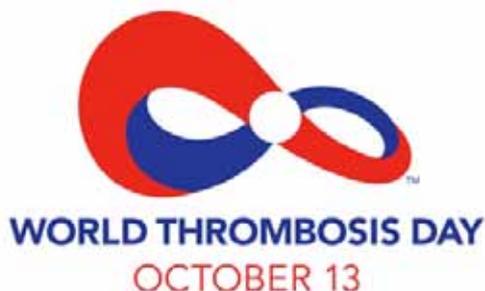
**8th APSTH Congress**  
**October 9th-11th, 2014**  
**Hanoi, Vietnam**



# World Thrombosis Day: A Global Movement to Stop Blood Clots and Save Lives

**Louise Bannon**

*ISTH Director of Marketing and Membership*



World Thrombosis Day, on October 13, is now only four months away, and activities are already underway in communities around the world to mark this first awareness day, including throughout the Asia-Pacific region.

An effort to bring together nations and local communities to tackle thrombosis, the quiet, underlying disorder that is the common mechanism of the world's three top cardiovascular killers – heart attack, stroke and venous thromboembolism (VTE), the World Thrombosis Day movement already has more than 115 partner organizations and societies from more than 60 countries around the world. A primary initiative of the International Society on Thrombosis and Haemostasis (ISTH), World Thrombosis Day is a vital effort to educate the public, health care professionals and policy makers about thrombosis risks, prevention and treatment and to help save the lives of people everywhere, regardless where they live.

“We must reduce the burden from thrombosis if we are to achieve the World Health Assembly’s global target of reducing mortality from premature non-communicable disease by 25 percent by 2025,” said Gary Raskob, Ph.D., Dean of the College of Public Health at the University of Oklahoma Health Sciences Center, and Chairman of the ISTH World Thrombosis Day Steering Committee. “Thrombosis is a common mechanism for the three leading cardiovascular causes of death and a major contributor to non-communicable disease globally.”

While the World Thrombosis Day initiative will ultimately be releasing resources and public health information about all forms of thrombosis, it will initially focus on venous thromboembolism (VTE), one of the most common and potentially deadly, yet under-appreciated, thrombotic events. The full list of World Thrombosis Day goals and objectives can be found online at [www.worldthrombosisday.org](http://www.worldthrombosisday.org). In addition, all resources, including flyers, brochures, infographics and Q&A documents will be available online at [www.worldthrombosisday.org](http://www.worldthrombosisday.org) in July, and additional resources will be made available in the weeks leading up to October 13.

World Thrombosis Day complements existing world awareness days such as World Heart Day and the World Stroke Day and helps round out the message about cardiovascular health. Reducing deaths from thrombosis, VTE and all other forms, is essential to significantly lowering overall mortality rates and improving the public’s health and wellbeing worldwide. With World Thrombosis Day, the goal is to drive home this important fact – and through it, we hope to contribute toward reducing the number of undiagnosed cases, increasing the implementation of evidence-based prevention and encouraging health care systems to ensure best practices for prevention, diagnosis and treatment.

2014 World Thrombosis Day launch activities have been planned to set the wheels in motion and help individual country organizations with local activities. To launch World Thrombosis Day this year, our activities will include publishing an academic article on the burden of disease, producing customizable materials for local in-country use and conducting global media relations activities. But the heart of World Thrombosis Day will be on the local level. World Thrombosis Day in-country activities will be the responsibility and at the discretion of local thrombosis and hemostasis societies, patient advocacy groups and other medical/scientific organizations.

If you or your organization is interested in joining with the ISTH in support of World Thrombosis Day, please contact us or reach out to the ISTH directly at [www.worldthrombosisday.org](http://www.worldthrombosisday.org). Interested organizations, companies, hospitals and other stakeholders are invited to participate and sign the official pledge.

Backed by the Council of the ISTH, a Steering Committee of renowned global medical experts, led by Gary Raskob, Ph.D., of the University of Oklahoma, USA, oversees the activities of WTD. A complete list of steering committee members may be found at [https://c.ymcdn.com/sites/www.isth.org/resource/resmgr/wtd/world\\_thrombosis\\_day\\_-\\_steer.pdf](https://c.ymcdn.com/sites/www.isth.org/resource/resmgr/wtd/world_thrombosis_day_-_steer.pdf).

Initial financial support for World Thrombosis Day comes from Bayer HealthCare (founding global partner), Boehringer Ingelheim (global partner), Daiichi Sankyo (global partner) and The Bristol-Myers Squibb Pfizer Alliance (global supporter).

#### About the ISTH

Founded in 1969, the ISTH is the leading worldwide not-for-profit organization dedicated to advancing the understanding, prevention, diagnosis and treatment of thrombotic and

bleeding disorders. The ISTH is an international membership organization with nearly 4,000 clinicians, researchers and educators working together to improve the lives of patients in more than 90 countries around the world. Among its highly regarded activities and initiatives are education and standardization programs, research activities, meetings and conferences, peer-reviewed publications and expert committees. Visit ISTH online at [www.isth.org](http://www.isth.org) or call the ISTH at +1 919 929 3807.

For updates on World Thrombosis Day, stay connected with via social media:

Facebook (WorldThrombosisDay) and Twitter (@ThrombosisDay) using the hashtags #WorldThrombosisDay, #Join-WTDay14, #WTDay14 and #stopdeadlyclots.

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## Research News



### Racial Differences in Genetic Risk Factors for Venous Thromboembolism

**Hiroko Tsuda, M.D., Ph.D.**

*Department of Nutrition Sciences, Nakamura Gakuen University, Fukuoka, Japan*

Racial differences in genetic risk factor for venous thromboembolism (VTE) have recently been uncovered (Hamasaki N, Kuma H, Tsuda H, *Ann Lab Med* 2013;33:8-13). Factor V Leiden (R506Q) with a phenotype of activated protein C (APC) resistance and prothrombin G20210A are well-known hereditary thrombophilias in Caucasians, including Europeans, Jews, Israeli Arabs, and Indians, but are not found in Asians, Africans, and Australoid (Rees DC et al. *Lancet* 1995;346:1133-4; Roberts LN et al. *Br J Haematol* 2009;146:369-83) (Table 1). On the other hand, epidemiological studies have revealed that a significant number of Japanese and Chinese VTE patients have low activities of protein S (PS) and protein C (PC), key regulators of APC anticoagulant system (Liu HW et al. *Thromb Haemost* 1994;71:416-9; Shen MC et al. *Thromb Res* 1997;87:377-85; Tsuda H et al. *Ann Clin Biochem* 1999;36:423-32; Kinoshita S et al. *Clin Biochem* 2005;38:908-15), while their prevalence in Caucasian patients is less than 5% (Table 1).

**Table 1. Inherited thrombophilia in Asian is different from that in Caucasoid**

Inherited Thrombophilia	Caucasoid <sup>1)</sup>		Japanese <sup>2)</sup>		Chinese <sup>3)</sup>
	Control Subjects (%)	Unselected VTE patients (%)	Control Subjects (%)	Unselected VTE patients (%)	Unselected VTE patients (%)
PC deficiency	0.2-0.4	3.7	0.13-0.5	5.2-8.8	17.2-18.8
PS deficiency	0.20	2.3	0.8-2.0	18.6-28.9	19.2-35.4
AT deficiency (type I)	0.02	1.9	<0.15	1.8-5.6	3.5-9.6
Factor V Leiden	4.8	18.8	0.0	0.0	0.0
Prothrombin G20210A	2.7	7.1	0.0	0.0	0.0

<sup>1)</sup> Seligsohn U et al. *NEJM* 1222-32, 2001  
Beauchamp N. *Br J Haematol* 647-57, 2004

<sup>2)</sup> Tsuda H et al. 1999, Suehisa et al. 2001,  
Sakata et al. 2005, Kinoshita et al. 2005,  
Miyata et al. 2009

<sup>3)</sup> Liu et al. 1994,  
Shen et al. 1997, 2000

A variant of PS gene with a phenotype of type II PS deficiency, PS Tokushima (K155E, p.K196E in HGVS nomenclature), is found to be a genetic risk factor for VTE in Japanese (Kinoshita S et al. 2005; Kimura R et al. Blood 2006;107:1737-8; Ikejiri M et al. Int J Hematol 2010;92:302-5) (Table 2). The frequency of heterozygous carriers of PS Tokushima among healthy Japanese individuals is 1.3-1.6% (Kinoshita S et al. 2005; Ikejiri M et al. 2010), and a similar prevalence, 1.8%, is determined among population-based control (Kimura R et al. 2006). It is recently reported that no carrier of this mutation is found in Chinese and Korean populations (Liu W et al. Thromb Res 2013;132:314-5). However its prevalence and etiological significance for VTE have not been evaluated in the races other than Northeast Asians.

**Table 2. Protein S Tokushima and two protein C variants may be thrombophilia specific for Asian**

Inherited Thrombophilia	Japanese <sup>1)</sup>			Chinese <sup>2)</sup>		
	Control Subjects (%)	Unselected VTE patients (%)	Odds' ratio	Control Subjects (%)	Unselected VTE patients (%)	Odds' ratio
PS Tokushima	1.3-1.8	5.9-10.0	3.74-8.56	0.0	ND	ND
PROC c.565C>T	ND	present	ND	0.87	5.88	7.34
PROC c.574_576del	1/30	2.3-2.4	ND	2.42	6.78	2.71

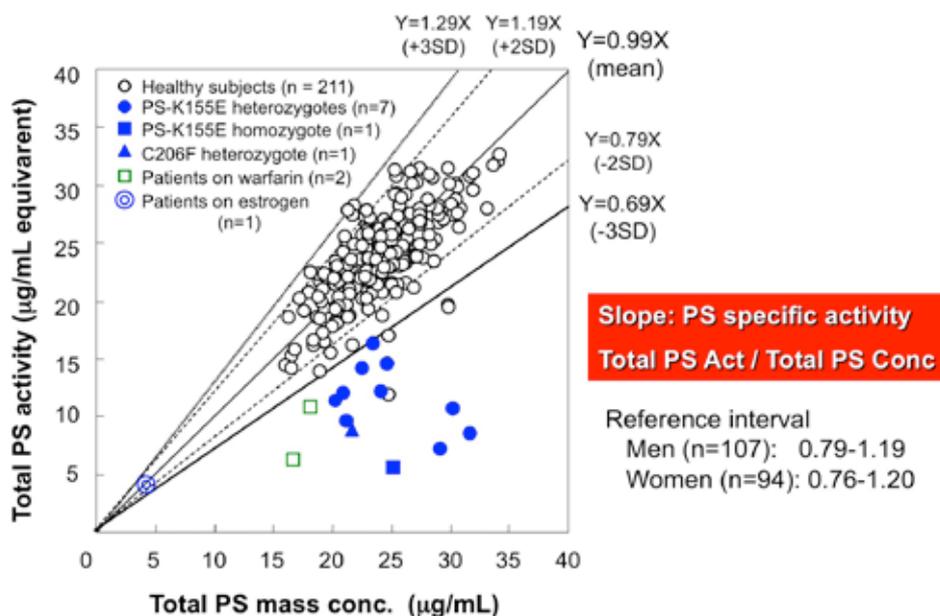
<sup>1)</sup>Kinoshita et al. 2005, Kimura et al. 2006, Ikejiri et al. 2010, Miyata et al. 2009.

<sup>2)</sup>Tang et al. 2012, Tang et al. 2012, Liu et al. 2013.

Recently, two PC gene mutations with phenotypes of type II PC deficiency, PROC c.565C>T (R147W, p.R189W in HGVS nomenclature) and PROC c.574\_576del (K150del, p.K193del in HGVS nomenclature), were identified as genetic risk factors for VTE in Chinese, with the prevalence of these mutations in the Chinese population being 2.4% and 0.9%, respectively (Tang L et al. Plos One 2012;7:e35773; Tang L et al. J Thromb Haemost 2012;10:2019-26) (Table 2). These two PC gene mutations are also described in Japanese VTE patients and a healthy individual (Kinoshita S et al. 2005; Miyata T et al. Thromb Res 2009;124:14-8) and in a healthy Thai (Chumpia W et al. Blood Coagul Fibrinolysis 2006;17: 3-8). However, the prevalence of these PC mutations and the etiological contribution to risk of VTE have not been determined in the non-Chinese population.

Clotting-based PS activity and free PS antigen assays are currently performed to screen for type II PS deficiency, however the diagnostic ability of these assays has been found to be unsatisfactory. We therefore have developed a new quantitative total PS assay method (Tsuda T et al. Blood Coagul Fibrinolysis 2012;23:56-63), which has the following advantageous features: (1) total PS, i.e., the sum of free PS and PS-bound to C4b-binding protein, can be measured; (2) as PS measured without separating free form from the bound form, the accuracy and reproducibility of the measurement has improved dramatically and the absolute amount ( $\mu\text{g/mL}$ ) of PS can be determined; and (3) the specific activity of the PS molecule can be calculated by measuring the PS chromogenic-based activity and the amount of PS. As shown in Fig. 1, the type II deficiency could be efficiently determined by measuring specific activity of the molecule.

**Fig. 1. Screening for protein S type II deficiency using protein S specific activity.**



In 2013, the ISTH SSC Scientific Subcommittee on Plasma Coagulation Inhibitors launched a new project entitled "Investigation into racial differences in genetic risk factor for venous thromboembolism". I am in charge of the project, in collaboration with two other Co-Chairs, Drs. Kitchen and Castoldi, and a member, Dr. Hayashi, of the subcommittee. We will build up a global network for investigating worldwide distributions of three genetic risk factors for VTE found in Japanese and Chinese with the phenotypes of type II deficiencies: PS Tokushima (K155E), PROC c.565C>T (R147W), and PROC c.574\_576del (K150del). The participants will recruit VTE patients and healthy individuals, with the racial groups being divided into 7 categories: white, Hispanic, black, East Asian, South Asian, Other Asian, or Other. The basic and clinical information will be collected using the standardized registry sheets, and plasma and DNA samples will be shipped to Japan on cash on delivery, where plasma PS and PC analysis and gene analysis will be performed. Annual reports on progress will be given at the ISTH-SSC meetings in 2014 and 2015, and the findings will be published in JTH as an official communication

of the SSC. This project has obtained enough financial support from the Japanese government as a Grant-in-Aid for Scientific Research as well as from the ISTH SSC Funding.

VTE has long been considered to be rare in non-Caucasians, which may partly be ascribed to lower incidence of genetic risk factors such as Factor V Leiden and prothrombin G20210A. However, recent studies demonstrate that the prevalence of VTE is increasing in non-Caucasians such as Asians both with improvement in diagnostic technology and with changes in lifestyle habits.

An important issue we are faced with is whether APC dysfunction occurs in other racial groups as is the case among Japanese and Chinese populations (Hamasaki N. J Thromb Haemost 2012;10:2016-8). We greatly appreciate the Executive Committee for the Council of APSTH for giving us a chance to introduce our ISTH-SSC project. We are seeking participants for this project, and interested participants are encouraged to contact me at [tsuda@nakamura-u.ac.jp](mailto:tsuda@nakamura-u.ac.jp).

## Report from Recipients of the APSTH/JSTH 2014 Travel Grant



*From left to right - Masashi Akiyama (Japan), Ho-Young Yhim (Korea), Satoshi Fujii (Japan), Shu-Wa Lin (Taiwan), Pamela Rose L. Mancio (Philippines), Minh Hua (Australia), Junsong Zhou (China), Keiko Maruyama (Japan), Shogo Tamura (Japan).*



## My Memorable Experience Attending the APSTH/JSTH Symposium in Osaka

**Junsong Zhou**

*Cyrus Tang Hematology Center, Soochow University, Suzhou, China*

It was my great pleasure and honor to attend the JSTH/APSTH Joint Symposium, at the 36th Congress of the Japanese Society on Thrombosis and Hemostasis in Osaka. This was my first time to visit Japan which is indeed a very beautiful country with many friendly people. My time in Japan has been one of the most valuable periods in my life.



After arriving at Kansai Airport, it was on to Osaka. My Daiwa Roynet hotel is close to the venue of the APSTH/JSTH Conference, the Osaka International House. The first thing in the morning of May 29, I met with Prof. Satoshi Fujii. Then I met other speakers, Prof. Shu-Wha Lin from Taiwan, Ho-Young Yhim from Korea, Minh Hua from Australia, and Pamela Rose. L. Mancio from Philippines. At the end of the short meeting, Prof. Yukio Ozaki came to see us. Right after lunch, the Asian-Pacific Research Perspective session was held. I learned new knowledge from Prof. Shu-Wha Lin and other young speakers. Also, I presented my research work, and received positive feedback. For the rest of my time, I attended the state-of-the-art presentations by the Japanese scientists and came to understand their high quality of science. During the meeting, we also got to know many Japanese scientists and graduate students and shared our ideas on science and Japanese culture. Besides, I also enjoyed the lecture of internationally-famous scientists, Drs. Evan Sadler, Dr. Hugo ten Cate, and James H. Morrissey. The APSTH-JSTH is indeed a wonderful platform for me to understand our Society and the new progress of thrombosis and hemostasis in the Asian-Pacific area and the world.

On 29 May, there was a get-together activity for the JSTH/APSTH Joint Symposium speakers, at Minokichi (a traditional Japanese cuisine restaurant). I truly enjoyed the traditional Japanese cuisine, everything was so delicious and full of artistic charm. I had more relaxed and pleasant conversation with Prof. Satoshi Fujii, and Dr. Shogo Tamura who is from university of Yamanashi, Dr. Masashi Akiyama, as well

as other researchers. The most wonderful time for me was the welcome party. Prof. Toshiyuki Miyata, the chairman of this JSTH conference and Prof. Yukio Ozaki gave welcome talks. During the party, I enjoyed the local art show. More importantly, thanks to the introduction of Prof. Yukio Ozaki, I was able to meet Drs. Yatomi, Inoue and Osada. My supervisor has mentioned to me many times about their papers, but finally I met them in person. It was just like a dream to me, and they all were so kind to me.



*Junsong Zhou, Prof. Yutaka Yatomi, Prof. Yukio Ozaki*

Overall, I really enjoyed my time in Osaka. I was so happy to make friends with so many scientists. I really learned a lot from this visit. I would like to use this opportunity to express my sincere thanks to everyone who helped me to attend this meeting, especially Prof. Satoshi Fujii, as well as the APSTH-JSTH organization committee. The experience of attending this meeting will certainly encourage me to continue my research, and will be unforgettable.

In 2013, the ISTH SSC Scientific Subcommittee on Plasma Coagulation Inhibitors launched a new project entitled "Investigation into racial differences in genetic risk factor for venous thromboembolism". I am in charge of the project, in collaboration with two other Co-Chairs, Drs. Kitchen and Castoldi, and a member, Dr. Hayashi, of the subcommittee. We will build up a global network for investigating worldwide distributions of three genetic risk factors for VTE found in Japanese and Chinese with the phenotypes of type II deficiencies: PS Tokushima (K155E), PROC c.565C>T (R147W), and PROC c.574\_576del (K150del). The participants will recruit VTE patients and healthy individuals, with the racial groups being divided into 7 categories: white, Hispanic, black, East Asian, South Asian, Other Asian, or Other. The basic and clinical information will be collected using the standardized registry sheets, and plasma and

DNA samples will be shipped to Japan on cash on delivery, where plasma PS and PC analysis and gene analysis will be performed. Annual reports on progress will be given at the ISTH-SSC meetings in 2014 and 2015, and the findings will be published in JTH as an official communication of the SSC. This project has obtained enough financial support from the Japanese government as a Grant-in-Aid for Scientific Research as well as from the ISTH SSC Funding. VTE has long been considered to be rare in non-Caucasians, which may partly be ascribed to lower incidence of genetic risk factors such as Factor V Leiden and prothrombin G20210A. However, recent studies demonstrate that the

prevalence of VTE is increasing in non-Caucasians such as Asians both with improvement in diagnostic technology and with changes in lifestyle habits.

An important issue we are faced with is whether APC dysfunction occurs in other racial groups as is the case among Japanese and Chinese populations (Hamasaki N. *J Thromb Haemost* 2012;10:2016-8). We greatly appreciate the Executive Committee for the Council of APSTH for giving us a chance to introduce our ISTH-SSC project. We are seeking participants for this project, and interested participants are encouraged to contact me at [tsuda@nakamura-u.ac.jp](mailto:tsuda@nakamura-u.ac.jp).



## APSTH/JSTH Joint Symposium Report

**Ho-Young Yhim**

*Division of hematology/oncology, Department of Internal Medicine, Chonbuk National University Hospital, Jeonju, Korea*

While I was doing some research on the topic of incidence of postoperative VTE in Korea last year, I was advised by Prof. Soo-Mee Bang, chairman of the Thrombosis Working Party of the Korean Society of Hematology to submit an abstract to APSTH-JSTH joint symposium. She said that it would be a great honor to present our work in this symposium. At that time, I thought it would be not easy for me because many researchers with excellent papers apply for this opportunity. In addition, I was a bit worried whether I could complete the analysis of this study before the application deadline. But, with the support from my colleagues, I was able to complete the analysis of the study and finally submit the abstract to the symposium at Christmas Eve, the last day for abstract submission. And then, one month later, I received an e-mail from Prof. Satoshi Fujii saying that my abstract was selected to be presented in the joint symposium. I was very surprised that this is happened, but on the one hand, I was afraid because it would be my first time to present our work in the oral session of an international meeting. So, although I'd tried my best to prepare the presentation, I went to Osaka with some anxiety.



On the morning of the symposium, I met Prof. Satoshi Fujii, Prof. Shu-Wha Lin and other speakers, Junsong Zhou from China, Minh Hua from Australia, and Pamela Rose L. Mancio from Philippines. Prof. Satoshi Fujii welcomed us warmly and helped me to be relaxed before the presentation. Prof. Yukio Ozaki also gave us great encouragement to present our work. Fortunately, with the help of these people, I could present my work without feeling tension. Our study that I presented was a large, but simple clinical study investigating the incidence of postoperative venous thromboembolism following major surgery in Korea. In this study, we showed the low incidence of postoperative venous thromboembolism following major orthopedic surgery and major abdominopelvic cancer surgery, and suggested the needs for risk-stratified perioperative thromboprophylactic strategies in Asian patients undergoing major surgery. After the completing the presentation, I attended several interesting international sessions. Among them, particularly in the new oral anticoagulant session, I was impressed by the efforts of the Japanese scientists investigating simple methods for evaluating efficacy and predicting adverse events in patients receiving new oral anticoagulants. Because I, as a clinician, just thought new oral anticoagulant did not need laboratory monitoring, this session gave me a whole new view on the use of new oral anticoagulants. On the evening of first day of the JSTH, I and other speakers had a dinner with Prof. Satoshi Fujii in a Japanese traditional restaurant. We not only had delicious Japanese foods for the dinner, but we also met new Japanese friends, Dr. Akiyama, Dr. Tamura, and Dr. Maruyama. Because of my poor English, it was a bit hard to understand them, but I really enjoyed the event with the exchanging of personal thoughts about research as a scientist. By making conversation, I felt that Giving a presentation before the APSTH-JSTH symposium



*Minh Hua, Junsong Zhou, and Ho-Young Yhim*

could provide a great opportunity for young investigators to be motivated through a new experience with other young investigators as well, as directly share their ideas.

I'd like to express my gratitude to everyone who helped me to attend this meeting, especially Prof. Satoshi Fujii, the members of the committee for APSTH-JSTH joint symposium, and staff for this symposium. I really appreciated their kind invitation and warm welcome. Moreover, I also want to thank Prof. Soo-Mee Bang, Prof. Doyeun Oh and all of my colleagues for helping me all the time to keep doing the current study. Finally, I'd like to suggest other young scientists in the Asian-Pacific region to accept this wonderful opportunity.



## The APSTH/JSTH Experience

**Pamela Rose L. Mancio**

*Department of Medicine, Section of Hematology, University of Santo Tomas Hospital  
Manila, Philippines*

I remember submitting my paper on Christmas Day without any thought that it might be accepted. But then, I received an email stating that the paper was selected. I was really ecstatic as it will be my first oral presentation in a foreign country.

During the conference, I attended several outstanding lectures by prominent speakers. I was particularly thrilled when I saw and listened to the lectures of Dr. Johanna A. Kremer Hovinga on Thrombotic Thrombocytopenic Purpura and Dr. J. Evan Sadler on von Willebrand and ADAMTS13. Being able to see the actual authors of my references in the flesh really got me excited.



It was really an honor to present my paper on our center's experience on the clinical and laboratory profile of patients with thrombotic thrombocytopenic purpura, alongside Minh Hua from Australia, Junsong Zhou from China, Ho-Young Yhim from South Korea and Shu-Wa Lin from Taiwan.

On our first evening in Osaka, Professor Fujii, with other postdoctoral fellows namely Masashi Akiyama, Shogo Tamura and Keiko Maruyama invited us to experience a traditional Kyoto cuisine. The food was excellent but more importantly, the exchange of stories and experiences were incomparable.



"A single conversation with a wise man is better than ten years of study". This Chinese proverb perfectly encapsulates my whole experience in Japan. It was really enthralling to be surrounded not just by one wise man but a community of passionate people who share the same interests as mine. It was immensely enriching in every possible way (intellectually, culturally and more importantly, gastronomically!). I would like to extend my sincerest gratitude to all the organizers of the symposium, especially to Professor Satoshi Fujii and Professor Yukio Ozaki for this wonderful opportunity. It was truly an experience I will never forget.



## APSTH/JSTH Joint Symposium Report

**Minh Hua**

*Lowy Cancer Research Centre, University of New South Wales,  
Sydney, Australia*

I felt very privileged and honoured to be invited to share and present our research at the ASPTH-JSTH joint symposium in Osaka this year. This was truly an amazing experience and I am so grateful to the symposium's scientific committee, especially Professor Satoshi Fujii, Professor Yukio Ozaki and Professor Toshiyuki Miyata for this wonderful opportunity.

I remember the excitement and surprise when I opened Professor Fujii's email congratulating me on having my abstract selected and getting a Young Investigator Award at this prestigious symposium. My supervisors were truly happy and excited for me that day. My presentation was based on my PhD research titled "Necrotic Platelets Play a Role in Occlusive Thrombi". Over the next few months leading up to the symposium, I worked hard at my presentation so I could deliver something that would hopefully live up to the committee's expectations and standards. I was so delighted to meet the three young brilliant scientists who also presented their research. They were Junsong Zhou from China, Ho-Young Yhim from Korea and Pamela Rose Mancio from the Philippines, who all gave excellent presentations. They were warm, down to earth and passionate about their research. We were all keen to exchange contact details and keep in touch.

The symposium was extremely well organized. Many of the sessions were in Japanese, and I remembered wishing I could understand Japanese when I sat in some of the sessions. The ones that I attended in English were of exceptional high quality, informative and inspiring. I particularly remembered Professor James Morrissey's talk on polyphosphates which was so interesting and well delivered!

I was so pleasantly surprised at how warm and welcoming Professor Fujii and the committee were to us. He met all of us personally before our presentation session and ensured we were all well looked after. We were also taken out to a fancy traditional Japanese cuisine for dinner on the first night. The food was amazing and each of the courses beautifully presented, thoughtfully prepared, unique and delightfully tasty showcasing Osaka's culinary flare. The company was warm, interesting and engaging. Our dinner conversations ranged from our professional research experience, exchange of different cultural nuances in language, food, travel and pastimes.



The next night was the Congress Conference Party at the Sheraton Miyako which was a real success. The party started off with the traditional Banraku puppet theatre, which set the scene for a very tasteful, cultural and interesting night. There was an impeccable and generous banquet of Japanese cuisine and fine sake. I mingled with the other award-winners and got to meet the other conference attendees. It was fantastic to catch up with 'Erika-San' and her research group, whom I had the pleasure of meeting not once but twice before at ISTH in Amsterdam and ASH in New Orleans last year.



Overall, I had a fantastic, positive and educational experience. I would like to thank the members of the JSTH Committee especially Professor Satoshi Fujii, Professor Yukio Ozaki and Professor Toshiyuki Miyata for the wonderful experience I had in Osaka. ありがとうございました!

# Attend the 8th Congress of the Asian – Pacific Society of Thrombosis and Hemostasis October 9th – 11th, 2014 in Hanoi



**Prof. Nguyen Anh TRI, MD., PhD.**

*President – 8th APSTH Congress 2014*

*Director – National Institute of Hematology and Blood Transfusion, Vietnam*



*The Huc Bridge, Hanoi, Vietnam*

The 8th Congress of Asian Pacific Society of Thrombosis and Hemostasis (APSTH) will be held during 9th - 11th October, 2014 in conjunction with National Scientific Conference of Hematology and Blood Transfusion of Vietnam (8th October, 2014) in Convention Center, Keangnam Tower, Pham Hung Road, Cau Giay Dst., Hanoi, Vietnam.

Thanks to the cooperation and collateral work of APSTH Council, a comprehensive program has been worked out with one education day, the main congress, satellite symposia, exhibition, and poster session.

The education day will be on 9th October 2014. It consists of 7 lectures by experienced ISTH and APSTH experts with topics of various aspects of thrombosis and hemostasis field.

For the next two days, main parts of the congress will include: symposia and oral presentations. The symposia is made up of 43 sessions with 41 international and 2 domes-

tic presentations; and the oral presentations are made up of 56 presentations with 33 international and 23 domestic reports. It will include 14 sessions on: anti-coagulant, blood product and coagulation, platelet in healthy and illness, woman and coagulation disorders, laboratory hemostasis and coagulation, other thrombosis disorders, other bleeding disorders, hemophilia, fibrinolysis, coagulation in tropical diseases, arterial thrombosis.



*One Pillar Pagoda, Hanoi, Vietnam*

Parallel with main parts, we are delighted to organize “satellite” symposia and a poster session to supply specific information and updates on new technologies, treatments and related issues; and an exhibition as a forum for both participants and medical companies to cooperate and update new technologies.

The 8th APSTH Congress is organized at convention center of Keangnam Tower with expectation to bring convenience to attendees. Just about forty five minutes from the airport and thirty minutes at the heart of new urban area with diversified services, we would like to show our warm welcome to friends from other countries to come, share knowledge and experience, and discover Vietnamese culture.

To be provided related information, we welcome you to contact us through following details:

Organizing Committee of the 8th APSTH Congress:  
Secretariat Board

Add: National Institute of Hematology and Blood Transfusion  
Tran Thai Tong Str. (extra), Yen Hoa Wrd., Cau Giay Dst.,  
Hanoi, Vietnam

Tel: (+84-4) 3782 4258 Fax: (+84-4) 3628 3963

Mail: [apsth2014hanoi@gmail.com](mailto:apsth2014hanoi@gmail.com)

Website: <http://www.apsthhanoi.org/>; <http://www.nihbt.org.vn/>



Keangnam Tower, Hanoi, Vietnam

## Upcoming Meetings:

- 1** **22nd International Congress on Fibrinolysis & Proteolysis**  
**6-10 July 2014 – Marseille, France**  
[www.atoutcom.com/isfp2014](http://www.atoutcom.com/isfp2014)
- 2** **XXVI World Congress of the International Union of Angiology**  
**10-14 August 2014 – Sydney, Australia**  
[www.ish2014.org](http://www.ish2014.org)
- 3** **ESC Congress 2014**  
**30 August - 3 September 2014 – Barcelona, Spain**  
<http://www.escardio.org/congresses/esc-2014/Pages/welcome.aspx>
- 4** **35th World Congress of the International Society of Hematology**  
**4-7 September 2014 – Beijing, China**  
[www.ish2014.org](http://www.ish2014.org)
- 5** **8th Congress of the Asian-Pacific Society of Thrombosis and Hemostasis**  
**9-11 October 2014 – Hanoi, Vietnam**  
[www.apsthhanoi.org](http://www.apsthhanoi.org)
- 6** **3rd ASEAN Federation of Hematology Congress**  
**23-25 October 2014 – Bangkok, Thailand**  
[www.afh2014.org](http://www.afh2014.org)
- 7** **Congress on Controversies in Thrombosis and Hemostasis**  
**30 October - 2 November 2014 – Berlin, Germany**  
[www.congressmed.com/cith](http://www.congressmed.com/cith)
- 8** **56th ASH Annual Meeting and Exposition**  
**6-9 December 2014 – San Francisco, CA, USA**  
[www.hematology.org](http://www.hematology.org)

Ho Chi Minh city



HOME CONGRESS + PROGRAMME + REGISTRATION + ABSTRACT SUBMISSION SPONSORSHIP + GENERAL INFO + CONTACT US

#### ANNOUNCEMENT

- NEW** Extension on registration
- NEW** Extension on abstract submission
- NEW** Grant for young researchers

#### KEY DATES

-  Start Early Bird Registration  
Mar. 14, 2014
-  Close Early Bird Registration  
and start Online Registration  
at standard fee  
Jul. 31, 2014
-  Close Online Registration  
Oct. 6, 2014
-  On-site Registration  
Oct. 9 – 11, 2014

[Registration](#)



THE 8<sup>TH</sup> CONGRESS OF ASIA PACIFIC SOCIETY  
OF THROMBOSIS AND HEMOSTASIS - 2014  
Oct 9-11/2014, Hanoi, Vietnam



APSTH Hanoi 2014



HỘI HUYẾT HỌC - TRUYỀN MÁU THUNG DƯƠNG

# ISTH Education day

## EDUCATION DAY ON THROMBOSIS & HEMOSTASIS

Convention Centre, 5th floor, Calidas Landmark 72, Keangnam Tower, Hanoi, Vietnam

### PROGRAMME OCTOBER 9, 2014 (Thursday)

Time	Topic	Presenter
07:30 – 08:30	<b>Registration</b>	
08:30 – 09:30	Update on antithrombotic therapy (NOAC)	<b>Prof. Lai-Heng Lee</b> <i>APSTH Chairperson</i>
09:30 – 09:45	<b>Tea break</b>	
09:45 – 10:45	Diagnosis and therapy of DIC	<b>Prof. Hideo Wada</b> <i>Chair – Scientific Subcommittee on DIC/ISTH</i>
10:45 – 11:45	Hemostatic problems in tropical diseases	<b>Dr. Pantep Angchaisuksiri</b> <i>Council member – APSTH Membership and Communications Committee member/ISTH Editor-in-Chief of the APSTH Newsletters</i>
12:00 – 13:00	<b>Lunch</b>	
13:00 – 14:00	Update on anti-phospholipid syndrome	<b>Associate Prof. Chris Ward</b> <i>Australian Society for Thrombosis and Haemostasis</i>
14:00 – 15:00	Structure and function of platelet membrane glycoproteins	<b>Dr. Yukio Ozaki</b> <i>Council member – ISTH General Secretary - APSTH</i>
15:00 – 15:15	<b>Tea break</b>	
15:15 – 16:15	New approaches in diagnosis and treatment of hemophilia	<b>Prof. Alok Srivastava</b> <i>Council member - APSTH</i>
16:15 – 17:15	Hemostasis in pregnancy	<b>Dr. Claire Mc Lintock</b> <i>Council member – ISTH Chairman Vice Chairman Membership and Communications Committee/ISTH</i>

## APSTH 2014 CONGRESS PROGRAMME

Convention Centre, 5th floor, Calidas Landmark 72, Keangnam Tower, Hanoi, Vietnam

October 10th – 11th, 2014 (Friday – Saturday)

FRIDAY, OCTOBER 10 <sup>TH</sup> , 2014			
07:30 - 08:00	<b>Registration</b>		
08:00 - 09:30	<b>Anti-coagulant</b>	<b>Platelet in healthy and illness</b>	<b>Blood product and coagulation</b>
	1 <b>Maria Teresa Abola</b> (Australia): Advances in anti-coagulant therapy	1 <b>Yukio Ozaki</b> (Japan): Evolving role of platelet functions beyond thrombosis	1 <b>David Roxby</b> (Australia): Blood product in trauma and basic transfusion
	2 <b>Raymond Wong</b> (Hong Kong): Lab. monitoring for anti-coagulant new and old	2 <b>Shinji Kunishima</b> (Japan): Hereditary macrothrombocytopenia	2 <b>Ang Ai Leen</b> (Singapore): Guidelines on platelet transfusion
	3 <b>Anthonie Lensing</b> (Netherlands): Anticoagulation in fragile patients.	3 <b>Chris Ward</b> (Australia): Heparin-induced thrombocytopenia	3 <b>Jameela Sathar</b> (Malaysia): Fresh frozen plasma - are we using it appropriately?
09:30 - 10:00	<b>Oral presentations</b>	<b>Oral presentations</b>	<b>Oral presentations</b>
10:00 - 10:30	<b>Tea-break</b>		
10:30 - 12:00	<b>Plenary Session: Woman and Coagulation Disorders</b>		
	1 <b>Claire Mc Lintock</b> (New Zealand): APS and pregnancy		
	2 <b>Nguyen Thi Nu</b> (Vietnam): Diagnostic and treatment bleeding disorders in time of delivery		
	3 <b>Lee Lai Heng</b> (Singapore): Anticoagulation in Pregnancy		
12:00 - 13:30	<b>Lunch - Symposium</b>		
13:30 - 14:30	<b>Deep vein thrombosis &amp; pulmonary embolism</b>	<b>Disseminated intravascular coagulation</b>	<b>Clinical Platelet</b>
	1 <b>Alexander Gallus</b> (Australia): Diagnosis of thrombosis	1 <b>Hideo Wada</b> (Japan): New guideline for DIC management	1 <b>Yoshiaki Tomiyama</b> (Japan): New regimens in ITP therapy
	2 <b>Soo-Mee Bang</b> (Korea): Management of cancer – associated VTE in the era of NOAC	2 <b>Hyun Kyung Kim</b> (Korea): New diagnostic approach to predict the prognosis of DIC	2 <b>Ming Hou</b> (China): Pathogenesis-oriented novel therapies in adult ITP
14:30 - 15:15	<b>Oral presentation</b>	<b>Oral presentation</b>	<b>Oral presentation</b>
15:15 - 16:00	<b>Tea-break - Poster</b>		
16:00 - 18:00	<b>Symposium</b>		<b>Symposium</b>
SATURDAY, OCTOBER 11 <sup>TH</sup> , 2014			
07:30 - 08:00	<b>Registration</b>		
08:00 - 09:30	<b>Other thrombosis disorders (TTP/HUS)</b>	<b>Other bleeding disorders</b>	<b>Laboratory Hemostasis and Coagulation</b>
	1 <b>Ross Baker</b> (Australia): Micro-angiopathic thrombocytopenia in the Asia Pacific region	1 <b>Alok Srivastava</b> (India): Management of Hemophilia in India	1 <b>Jenny Curnow</b> (Australia): Global assays and TEG
	2 <b>Masanori Matsumoto</b> (Japan): A typical HUS in Asia.	2 <b>Chur Woo You</b> (Korea): Von willerbrand disease	2 <b>Dr. Hu Yu</b> : Laboratory tests of Protein C and S for diagnosis of thrombophilia in China
	3 <b>Doyeun Oh</b> (Korea): Korean TTP registry or Role of complement in TMA.	3 <b>Nguyen Thi Nu</b> (Vietnam): Vitamin K deficiency in clinic	3 <b>Emmanuel Favoloro</b> (Singapore): Quality Management in the coagulation laboratory (cover air ticket)
09:30 - 10:00	<b>Oral presentation</b>	<b>Oral presentation</b>	<b>Oral presentation</b>
10:00 - 10:30	<b>Tea-break</b>		
10:30 - 12:00	<b>Plenary Session: Congenital Bleeding disorders: "Hemophilia"</b>		
	1 <b>Midori Shima</b> (Japan): New concepts in hemophilia therapy (bi-specific antibody mimicking VIII)		
	2 <b>Huyen Tran</b> (Australia): Diagnosis and therapy for hemophilia with inhibitors		
	3 <b>Nguyen Anh Tri</b> (Vietnam): Management of Hemophilia in Vietnam		
12:00 - 13:30	<b>Lunch - Symposium</b>		
13:30 - 14:30	<b>Fibrinolysis</b>	<b>Coagulation in Tropical Diseases</b>	<b>Arterial Thrombosis</b>
	1 <b>Martin Krause</b> (Australia): Fibrinolysis and Stroke	1 <b>Pantep Anchaisuksiri</b> (Thailand): Hypercoagulability State in Thalassemia	1 <b>Tatsuya Atsumi</b> (Japan): New guidelines in APS diagnosis
	2 <b>Tetsumei Urano</b> (Japan): PAI-1 deficiency	2 <b>Turfu Huang</b> (Taiwan): Snake venom coagulopathies	2 <b>Satoshi Fujii</b> (Japan): Anti-thrombotic therapy updated.
14:30 - 15:15	<b>Oral presentation</b>	<b>Oral presentation</b>	<b>Oral presentation</b>
15:15 - 16:00	<b>Tea-break - Poster</b>		
16:00 - 18:00	<b>Symposium</b>		<b>Symposium</b>
18:00 - 18:30	<b>Conference Closing</b>		

	Diamond Grand Ball Room
	Jupiter 1.2
	Jupiter 3.4
	Diamond 1
	Diamond 2
	Diamond 3
	Platinum



# The 3<sup>rd</sup> ASEAN Federation of Hematology Congress (AFH 2014)

October 23-25, 2014

Centara Grand & Bangkok Convention Centre  
at CentralWorld  
Bangkok, Thailand



[www.afh2014.org](http://www.afh2014.org)


**The 3<sup>rd</sup> ASEAN Federation of Hematology Congress**

October 23-25, 2014, Bangkok, Thailand

**Preliminary Scientific Program**
**Thursday, October 23, 2014**

Time	Room 1	Room 2
07.30-08.20	Registration	
08.20-08.30	Opening Ceremony	
08.30-10.00	<b>Symposium I: Acute myeloid leukemia</b> <ul style="list-style-type: none"> <li>Molecular approach in AML Chirayu Auewarakul (Thailand)</li> <li>The challenge in management of pediatric and adolescent acute myeloid leukemia Hiroto Inaba (USA)</li> <li>Acute promyelocytic leukemia and arsenic trioxide Yok Lam Kwong (Hong Kong)</li> </ul>	<b>Symposium II: Thrombosis</b> <ul style="list-style-type: none"> <li>Management of VTE Walter Ageno (Italy)</li> <li>Unusual site thrombosis Walter Ageno (Italy)</li> <li>New oral anticoagulants Pantep Angchaisuksiri (Thailand)</li> </ul>
	10.00-10.30 Coffee Break   Exhibition   Poster Viewing	
	10.30-11.15	<b>Plenary I :</b> <ul style="list-style-type: none"> <li>Thrombotic microangiopathy Yoshihiro Fujimura (Japan)</li> </ul>
11.15-12.15	<b>Luncheon Symposium I:</b> -TBA-	-
12.15-12.30	Serving lunch box	-
12.30-13.30	<b>Luncheon Symposium II: Novartis</b> <ul style="list-style-type: none"> <li>Molecular monitoring in CML Andreas Hochhaus (Germany)</li> </ul>	-
13.30-15.00	<b>Symposium III: Lymphoma</b> <ul style="list-style-type: none"> <li>Hodgkin lymphoma Pier Luigi Zinzani (Italy)</li> <li>B-cell lymphoma Pier Luigi Zinzani (Italy)</li> <li>T-cell lymphoma Tanin Intragumtornchai (Thailand)</li> </ul>	<b>Symposium IV: Thalassemia</b> <ul style="list-style-type: none"> <li>High HbF Vip Viprakasit (Thailand)</li> <li>HSCT in thalassemia Suradej Hongeng (Thailand)</li> <li>Update on iron monitoring Ellis Neufeld (USA)</li> </ul>
	15.00-15.30 Coffee Break   Exhibition   Poster Viewing	
	15.30-17.00	<b>Symposium V: Chronic myeloid leukemia</b> <ul style="list-style-type: none"> <li>Treatment free remission Andreas Hochhaus (Germany)</li> <li>Future treatment for CML Andreas Hochhaus (Germany)</li> <li>CML in Asia-Pacific region with special emphasis in Thailand Saengsuree Jootar (Thailand)</li> </ul>
17.30-19.00	Dinner Symposium	

**The 3<sup>rd</sup> ASEAN Federation of Hematology Congress**

October 23-25, 2014, Bangkok, Thailand

**Preliminary Scientific Program**

Friday, October 24, 2014

Time	Room 1	Room 2
08.30-10.00	<b>Symposium VII: Acute lymphoblastic leukemia</b> <ul style="list-style-type: none"> <li>▪ Innovative approaches in acute lymphoblastic leukemia Hiroto Inaba(USA)</li> <li>▪ Ph+ ALL Dieter Hoelzer (Germany)</li> <li>▪ Relapsed and refractory ALL Nobuko Hijiya (USA)</li> </ul>	<b>Symposium VIII: Hemostatic disorders</b> <ul style="list-style-type: none"> <li>▪ Immune thrombocytopenia Ponlapat Rojnuckarin (Thailand)</li> <li>▪ Von Willebrand disease Theera Ruchutrakul (Thailand)</li> <li>▪ Disseminated intravascular coagulation Cheng Hock Toh (UK)</li> </ul>
10.00-10.30	Coffee Break   Exhibition   Poster Viewing	
10.30-11.15	<b>Plenary II:</b> <ul style="list-style-type: none"> <li>▪ Current and future treatments for adult ALL Dieter Hoelzer (Germany)</li> </ul>	
11.15-12.15	<b>Luncheon Symposium III: Sanofi</b> <ul style="list-style-type: none"> <li>▪ Nucleoside analog: New frontier treatment in advanced leukemia Nobuko Hijiya (USA)</li> </ul>	-
12.15-12.30	Serving lunch box	
12.30-13.30	<b>Luncheon Symposium IV: Novartis</b> <ul style="list-style-type: none"> <li>▪ Thalassemia and iron overload in 2014: "what's next?" Maria D. Cappellini (Italy)</li> </ul>	-
13.30-15.00	<b>Symposium IX: Hematopoietic stem cell transplantation</b> <ul style="list-style-type: none"> <li>▪ Viral infection Ubolwan Chongwuttiwes (Thailand)</li> <li>▪ Antibody-based treatment in neuroblastoma TBA</li> <li>▪ Cellular therapy Ann M Leen (USA)</li> </ul>	<b>Symposium X: Not so benign hematology</b> <ul style="list-style-type: none"> <li>▪ Gaucher disease in adulthood Maria D. Cappellini (Italy)</li> <li>▪ Thrombocytopenia in Childhood Ellis Neufeld (USA)</li> <li>▪ Bone marrow failure Surapol Issaragrisil (Thailand)</li> </ul>
15.00-15.30	Coffee Break   Exhibition   Poster Viewing	
15.30-16.30	<b>Symposium XI: Myelodysplastic syndromes</b> <ul style="list-style-type: none"> <li>▪ TBA</li> <li>▪ Korean MDS registration and translational research in MDS Jun Ho Jang (Korea)</li> </ul>	<b>Symposium XII: Hematological laboratory</b> <ul style="list-style-type: none"> <li>▪ Common pitfall in hemostasis testing Panutsaya Tientadakul (Thailand)</li> <li>▪ MRD TBA</li> </ul>
16.30-17.30	<b>Selected Poster Presentation</b>	
18.30-20.30	<b>Gala Dinner</b>	

**The 3<sup>rd</sup> ASEAN Federation of Hematology Congress**

October 23-25, 2014, Bangkok, Thailand

**Preliminary Scientific Program**
**Saturday, October 25, 2014**

Time	Room 1	Room 2
08.30-10.00	<b>Symposium XIII: Multiple myeloma</b> <ul style="list-style-type: none"> <li>▪ Genomics in multiple myeloma Wee-Joo Chng (Singapore)</li> <li>▪ Current Issues in the diagnosis of multiple myeloma Thanyaphong Na Nakorn (Thailand)</li> <li>▪ Current treatment strategy for multiple myeloma Maria-Victoria Mateos (Spain)</li> </ul>	<b>Symposium XIV: Transfusion medicine</b> <ul style="list-style-type: none"> <li>▪ Unrelated donor registry Soisaang Phikulsood (Thailand)</li> <li>▪ Platelet crossmatching and clinical outcome Rhonda Holdsworth (Australia)</li> <li>▪ Next generation sequencing in transfusion medicine Rhonda Holdsworth (Australia)</li> </ul>
10.00-10.30	Coffee Break   Exhibition   Poster Viewing	
10.30-12.00	<b>Symposium XV: Myeloproliferative neoplasms</b> <ul style="list-style-type: none"> <li>▪ MPN Jean Jacques Kiladjian (France)</li> <li>▪ Polycythemia vera Raymond Wong (Hong Kong)</li> <li>▪ Essential thrombocythemia Yingyong Chinthammitr (Thailand)</li> </ul>	<b>Symposium XVI: Hematologic problems in the elderly</b> <ul style="list-style-type: none"> <li>▪ Hemostatic disorders in the elderly Cheng Hock Toh (UK)</li> <li>▪ Anemia of the elderly Soo Chin Ng (Malaysia)</li> <li>▪ Multiple myeloma in the elderly Maria-Victoria Mateos (Spain)</li> </ul>
12.00-13.00	<b>Luncheon Symposium V: Onyx</b> <ul style="list-style-type: none"> <li>▪ TBA</li> </ul>	
13.00-13.15	Serving Lunch Box	
13.15-14.15	<b>Luncheon Symposium VI: Janssen</b> <ul style="list-style-type: none"> <li>▪ Practical consideration of subcutaneous Bortezomib using: Review of existing data Maria-Victoria Mateos (Spain)</li> </ul>	
14.15-15.45	<b>Presidential Lecture</b> <ul style="list-style-type: none"> <li>▪ <b>Hemophilia in the third millennium</b> Mark Smith (New Zealand)</li> </ul>	
15.45	Congress Closing	

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# WORLD THROMBOSIS DAY

OCTOBER 13

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