



# 60TH ANNUAL MEETING of the SSC



E-NEWSLETTER  
OCTOBER 2013

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### Location

This year's SSC meeting will take place in the Wisconsin Center in Milwaukee, Wisconsin, USA. Its own efficient airport and proximity to Chicago, IL, makes Milwaukee easily accessible from around the world. Milwaukee is known for the excitement of its culture, warmth of its people and beauty of its city. Known as the City of Festivals, Milwaukee offers the perfect location for SSC 2014. Whether you only attend the meeting or plan to stay longer as a vacation and attend Summerfest 2014, your trip will be professionally rewarding, enjoyable, affordable and filled with moments to remember.

### Important Dates

**October 22, 2013:** Registration Opens

**October 22, 2013:** Hotel Reservations Open to ISTH Members

**December 16, 2013:** Abstract Submission Site Opens

**March 3, 2014:** Abstract Submission Deadline

### Quick Links

**SSC 2014 Website:** [www.ssc2014.org](http://www.ssc2014.org)

To see the tentative program for SSC 2014, [please click here.](#)

### Registration Categories:

<https://www.isth.org/page/2014RegisterOnline>

### Visit Milwaukee online:

<http://www.visitmilwaukee.org/>

### Learn about Summerfest 2014:

<http://summerfest.com/>

*Help the ISTH promote the SSC 2014 meeting at your institution or organization! Email us at [headquarters@isth.org](mailto:headquarters@isth.org) and we will send you a save the date and logo for SSC 2014 for promotional purposes.*

In just a month, registration for the 60th Annual Meeting of the Scientific and Standardization Committee (SSC), from June 23-26, will open! To secure your spot at one of the premier meetings in the field of thrombosis and haemostasis, visit [www.ssc2014.org](http://www.ssc2014.org) in late October to register!

The SSC 2014 meeting will offer a program highlighting the latest discussions of diagnostic standards, disease nomenclature and classification, and research on bleeding and thrombotic disorders. Specifically, the SSC 2014 educational topics will include:

- Genomic Impact on Personalized Medicine
- The Evolving World of Hemostasis
- Vascular Biology of Hemoglobinopathies
- Vascular Biology of Malaria
- Vascular Interactions of Collagen
- Interface of Hemostasis and Inflammation
- Therapeutics of Tomorrow
- Thrombosis in 2014
- Perinatal Hemostasis

In addition to the areas listed above, dedicated educational and plenary sessions will complement the in-depth presentations of the work in progress by the SSC subcommittees and working groups, and a special program on the afternoon of June 22 will be focused on trainees.

Join us as we bring together renowned experts from around the world to facilitate an exciting discourse among experts while at the same time allowing for the next generation of scientists and clinicians to become engaged and have access to the latest scientific and clinical resources available.



# ISTH 2013 Congress In Review

## ISTH 2013: Many Thanks to All Attendees and Partners!

The ISTH 2013 Congress, held June 29 – July 4 in Amsterdam, the Netherlands, was attended by nearly 8,500 people and included congress registrants, speakers, volunteers, exhibitors, sponsors and guests. Attendees represented more than 125 countries and enjoyed an array of Plenary Lectures with insights into the fields of all the experts as well as State of the Art Lectures, Master Classes and e-Posters. The sight of the e-Poster room with more than 1,500 people all talking science and engaging in presentations and discussions was impressive!



## Missed the Congress or could not attend certain sessions?

### View our Congress Webcasts!

The latest webcast offerings from the ISTH 2013 Congress in Amsterdam are now available! [Click here!](#)

To view the webcasts of select presentations, ISTH members can log-in on the ISTH homepage and click through to [the online education resources page](#). All congress attendees have been emailed their login credentials. Be sure to also take advantage of previous meeting webcasts (from SSC 2012 in Liverpool, ISTH 2011 in Kyoto and others) while they are available online!

The Society offers webcasts and video podcasting as a benefit to ISTH membership and for attending ISTH 2013. This offering highlights a goal of the ISTH to provide resources and learning opportunities to its members, ensuring access to the specialized educational content provided at ISTH events. Browse available presentations by session, speaker, video podcast and other presentations shared. In the webcast, you will be able to view full multimedia presentations, including laser pointer movements of the speakers, PowerPoint animations, embedded video files and more.

## CME Credit

Are you looking for more information on obtaining CME credits from ISTH 2013? If so, visit the ISTH website to find further information about CME credits from the Congress, particularly for U.S. physicians trying to obtain credit. Visit: <http://www.isth.org/news/134838/CME-Information-for-ISTH-2013.html>



# Official Highlights Report of ISTH 2013

For an authoritative reference of the key findings from the ISTH 2013 Congress, *read the official peer-reviewed highlights report.*

## What's included?

The top advances from key clinical trials in this report include summaries from AMPLIFY, ACT, and DALTECAN. Feature articles examine the lessons learned from the recent clinical trials that evaluated the novel oral anticoagulant agents, including dabigatran, rivaroxaban, and apixaban; and Mendelian randomization as a promising approach to define which biomarkers are causal for myocardial infarction. Also included are therapeutic updates on advances in the management of von Willebrand disease and hemophilia, prevention of recurrent venous thrombosis, the changing paradigms of new antiplatelet therapy, and hemostatic disorders in women.



Charles T. Esmon

## Presented Awards at ISTH 2013

Charles T. Esmon (USA) received the 2013 *Grant Medal for Outstanding Research, Accomplishments and Dedicated Service*

Gerhard Johnson was awarded the *Roberts Medal* at the President's Dinner at ISTH 2013

Lawrence Brass (USA), Philip G de Groot (Netherlands), Marcel Levi (Netherlands), Peter J Newman (USA) and Zaverio Ruggeri (USA) were recipients of the Distinguished Career Award as part of the *Biennial Awards for Contributions to Hemostasis (BACH)*

Wolfgang Bergmeier (USA), Christian Gachet (France), Joseph Italiano (USA), Bernhard Nieswandt (Germany) and Thomas Renné (Sweden) were the recipients of the Investigator Recognition, also as part of the BACH Awards



Gerhard Johnson



BACH Awards

## ISTH 2013 Quick Recap Links

Read each Daily News issue from ISTH 2013, [here](#).

To see some of the pictures from ISTH 2013, visit our Facebook page, [here](#).

Visit our Flickr page for more photos.

Access the ISTH 2013 webcasts, [here](#).

## Thank You To Our Partners!

### Platinum Sponsor

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Roche Diagnostics, Sanofi,  
Sanquin Blood Supply  
Foundation

# ISTH Announces Plans to Establish an Annual World Thrombosis Day

Thrombosis is a leading cause of death around the world. Yet, this fact is not widely known. Most people have little or no understanding about the causes and effects of thrombosis, and how it can be prevented. Regrettably, even among medical professionals there are significant gaps in awareness and knowledge that - if improved - could lead to improved use of preventive measures and improved quality of diagnosis and treatment.

It is estimated that each year pulmonary embolism (PE) and deep vein thrombosis (DVT) alone affect more than 300,000 people in the United States and more than 500,000 in Europe. To address this issue, the Society will proclaim and organize an annual World Thrombosis Day, with the inaugural day to take place in 2014.

Led by an international steering committee, chaired by Gary Raskob, Ph.D., (Dean of the College of Public Health, University of Oklahoma, USA), the World Thrombosis Day will focus on increasing the awareness of thrombosis among the general public, medical professionals and policy makers. World Thrombosis Day will provide the opportunity for multiple stakeholders around the world to come and work together in a coordinated effort to reduce the burden of disease through the promotion of research, communication, action, education and evaluation. More details will be announced later this year.

## ISTH-EHA Joint Fellowship Award Announcement



The ISTH and the European Hematology Association (EHA) are pleased to announce Shirley Uitte de Willige, Ph.D., as the winner of the ISTH-EHA Joint Fellowship for 2013.

The grant amount will support Dr. Uitte de Willige's studies on the heterogeneity of alpha-2-antiplasmin for a two-year period. Dr. Uitte de Willige is currently a member of the Department of Hematology at the University Medical Center in Rotterdam, the Netherlands.

The ISTH-EHA Joint Fellowship is a collaborative program between the ISTH and the European Hematology Association and is intended to support the study of physiology of coagulation, bleeding or thrombosis. This fellowship award was presented at the President's Dinner of the ISTH 2013 Congress in Amsterdam on July 1, 2013.

Information regarding the call for applications for the next EHA-ISTH Joint Fellowship is available on the ISTH Education page under **Joint Fellowships**.

## New ISTH Logo & Visual Resources Now Available Online



The new ISTH logo made its debut at the ISTH 2013 Opening Ceremony to great applause!

To access the ISTH virtual toolbox, visit: <http://www.isth.org/?ISTHBrandToolbox>. If you have any questions about the use of the ISTH logo or other available materials, contact the ISTH at [headquarters@isth.org](mailto:headquarters@isth.org).



## Participate in Our Newsletter Survey!

The ISTH is interested in your feedback on our newsletter format as we quickly move toward 2014. Please take just a minute to participate online at [www.isth.org](http://www.isth.org). Thank you!

# SAVE THE DATE ISTH 2015 Toronto JUNE 20-25



XXV ISTH Congress  
with 61st Annual SSC Meeting

June 20-25, 2015

Toronto, Ontario, Canada

Visit [www.isth2015.org](http://www.isth2015.org)  
for the latest news

Learn more about Toronto, here:  
<http://www.seetorontonow.com>

## Welcome to New ISTH Staff Members

The ISTH is pleased to announce that two new staff members have joined our expanding team at headquarters.

Lacey Schmeidler joins the ISTH from the American Society for Clinical Oncology (ASCO) where she was part of the quality certification team and provided critical support for volunteers and leadership committees. Lacey's priority focus as part of the ISTH team will be to support the increasing education and SSC programs and activities. Lacey holds a Master's degree in International Development and Political Economy and speaks German.

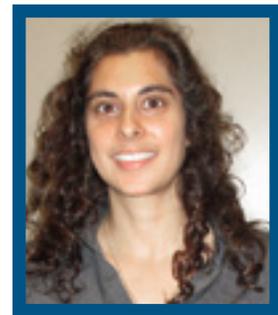
Hina Ahmed most recently worked as a Clinical Trials Assistant at Duke

University's Clinical Research Institute. Hina's responsibility at ISTH will be member services, and she will likely be in touch with many of you to help you with everything from membership benefits, website log in and any other assistance you may need from the our office. Hina holds a Master's degree in Health Administration and speaks French.

ISTH's mission and international scope attracted both Lacey and Hina to their prospective opportunities to join the ISTH. We're excited to add their expertise to the Society and hope you'll take a minute to welcome them.



**Lacey Schmeidler**



**Hina Ahmed**

## WORLD VIEW

## Reach-the-World Partnership with Bayer Provides Support for Fellowships

The ISTH is pleased to announce the important and generous support of Bayer HealthCare for the ISTH Reach-the-World Fellowship Program. Bayer's partnership for three fellowships in 2013 symbolizes the commitment of the company to not only support the ISTH and its global mission, but particularly highlights Bayer's pledge to foster training and education in developing countries.



# SSC Highlights

## Have you participated yet? Disseminated Intravascular Coagulation (DIC) SSC Subcommittee International Survey

The DIC SSC Subcommittee is focused on clinical syndromes of thrombosis and haemostasis, parameters of coagulation and fibrinolysis, and the pathology or etiology, diagnosis and treatments by physicians. This information is provided for experimental researchers, physicians for critical care medicine, hematology gynecology and oncology, and for laboratory scientists, and epidemiologists.

The subcommittee has launched an international survey with the aim of better understanding how physicians approach the diagnosis and treatment of Disseminated Intravascular Coagulation. Please take few minutes of your time to provide your feedback and inform us on how you tackle this coagulopathy, **by taking the DIC Survey**.

Learn more about the subcommittee, its current projects, minutes from its 2013 meeting and official communications, **here**. If you would like to know how to participate in the work of this group, please join the group to receive updates on activity or submit an Expression of Interest form to the Chair, Professor Hideo Wada, or any of the Co-Chairs. We would be pleased to learn of your interest.

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## Upcoming Workshop Exogenous Hemostatic Factor Subcommittee

A Workshop of the Scientific Subcommittee (SSC/ISTH) on Exogenous Hemostatic Factor will take place November 12-14, 2013, at the Federal University of Rio de Janeiro (UFRJ), Brazil. Several aspects related to past and recent discoveries in snake venom research and hematophagy will be presented to graduate and post-graduate students, who are currently developing scientific activities at the UFRJ and several other Institutions.

The workshop will focus on educational components of exogenous secretions in regard to their isolation, transcriptome and proteome analysis, mechanism of action, use as diagnostic and therapeutics, and as tools to understand basic research in biochemistry and pharmacology. Emphasis will be given to molecules affecting platelet aggregation, blood coagulation, and microcirculation and how they affect vascular biology at the molecular and structural levels. Translational research involving molecules isolated from venoms and saliva will be used as examples to highlight the potential applicability of these compounds. The format of this workshop will allow students to interact directly with the speakers, and it will provide a broad platform for their understanding of thrombosis and haemostasis and how it relates to other disciplines.

For more information on this course, contact Teresa Lima at [posgrad@bioqmed.ufrj.br](mailto:posgrad@bioqmed.ufrj.br).



## SSC Call for Collaborations

Are you a clinician, researcher or educator with a continuing scientific interest in thrombosis, haemostasis and vascular biology? If so, we would very much appreciate your input or review of any of the documents and questionnaires **available via the ISTH website** that apply to your work.

Your involvement would greatly benefit the work of the SSC as it develops a better understanding of practical issues related to thrombosis and disorders of haemostasis, as well as advances projects designed to generate reliable and standardized clinical and basic science tools.

Learn more about the SSC and how it supports the ISTH mission and **download an informational brochure here!**



# SSC Review from the ISTH 2013 Congress

In addition to its year-round active projects and collaborations, the ISTH SSC holds annual meetings that allow for the discussion of diagnostic standards, disease nomenclature and classification, and the latest research on bleeding and thrombotic disorders. In the odd years, such as for 2013, SSC meetings are held jointly with the ISTH Congress. This year, organizers of the annual meeting worked tirelessly to include cutting-edge educational sessions, in-depth views and information on every aspect in thrombosis and haemostasis. The following highlights, shared by SSC Chair David Lillicrap, offer an overview of the sessions held on Sat., June 29 and Sun., June 30.

## Factor VIII/IX Subcommittee

The educational session focused on new products for the therapy for hemophilia and the growing use of personalized prophylactic regimens of treatment. These educational sessions were followed by complementary sessions on the optimal organization of clinical outcome evaluation initiatives and the continuing challenge of standardizing factor assays with the new, modified forms of FVIII and FIX. Finally, discussions continued on the possibility of improving laboratory tests for FVIII inhibitor detection and quantification.

## Working Group on Genomics of Hemostasis

The new Working Group on the Genomics of Hemostasis held its first public meeting in Amsterdam. This group was established after initial discussions at the ISTH 2011 Kyoto Congress and has now been constituted with a Chair, Willem Oewehand, and three co-chairs: Anne Goodeve (bleeding disorders), Pieter Reitsma (thrombosis) and Tom Kunicki (platelets). As genetic analysis of the hemostatic system continues to grow, it is envisioned that the work of this group will play a key role in terms of standardizing reporting mechanisms



and genetic nomenclature. This will be a particularly important group as the era of hemostasis genomics evolves from a discovery phase into clinical application.

## Control of Anticoagulation Subcommittee

This committee spent time considering optimal approaches to predict and manage bleeding in patients being treated with anticoagulants. In particular, the standardization of laboratory testing and treatment of bleeding in patients on the new oral anticoagulant agents (direct thrombin and FXa inhibitors) was an important area of discussion.

## Factor XI and Contact System Subcommittee

The discussions included the consideration of new inhibitors of FXI and FXII as novel and safe anticoagulant agents. Various FXI and FXII inhibitors are undergoing preclinical assessment with the hope that effective anticoagulation can be achieved without the risk of bleeding that accompanies the use of current therapies.

## DIC Subcommittee

This subcommittee continued its consideration of the optimal strategies

for DIC diagnosis and therapy. These considerations will incorporate new information relating to the mechanisms for the onset of this disordered hemostatic process.

## von Willebrand Factor Subcommittee

This session provided a comprehensive review of the VWF life cycle from its biosynthesis within endothelial cells, its assembly into large polymeric arrays and secretion from storage organelles to its eventual proteolytic processing by ADAMTS13 in the plasma. The session was followed by considerations of standardization of assays for VWF and ADAMTS13 and an update of multi-center studies that are ongoing in Europe and North America.

*Please visit the SSC  
Subcommittees pages on  
the ISTH website to review  
the in-depth subcommittee  
reports summarizing all  
discussions and outcome.  
Click here.*

# SSC Official Communications

## July 2013

Towards standardization of clot waveform analysis and recommendations for its clinical applications. Report from the working group of the FVIII and IX Subcommittee of the ISTH [LINK](#)

Update of the recommendations on biosimilar low-molecular-weight heparins from the Scientific Subcommittee on Control of Anticoagulation of the ISTH [LINK](#)

## August 2013

Periprocedural antiplatelet therapy: Recommendations for standardized reporting in patients on antiplatelet therapy: communication from the SSC of the ISTH. On behalf of the SSC Subcommittee on Predictive Variables [LINK](#)

The diagnosis of symptomatic recurrent pulmonary embolism and deep vein thrombosis: Guidance from the SSC of the ISTH [LINK](#)

## September 2013

Management of challenging cases of patients with cancer-associated thrombosis including recurrent thrombosis and bleeding: guidance from the SSC of the ISTH. On behalf of the subcommittee on Haemostasis Malignancy for the SSC of the ISTH [LINK](#)





# New Look and Impact Factor Increase for JTH

As part of the excitement at this year's Congress, the Journal of Thrombosis and Haemostasis (JTH) unveiled its new journal cover. The design was featured as part of the 2013 State-of-the-Art issue. The new cover features modern imagery, updated branding and a crisp white background that allows the artwork and wording to pop off the page and engage readers with ease.

## JTH Editors Picks for July–September 2013

### July 2013



#### REVIEW ARTICLE

Thrombotic complications of myeloproliferative neoplasms: risk assessment and risk-guided management  
*A. Casini, P. Fontana and T. Lecompte*

#### CLINICAL

#### HAEMOSTASIS AND THROMBOSIS

40K glycoPEGylated, recombinant FVIIa: 3-month, double-blind, randomized trial of safety, pharmacokinetics, and preliminary efficacy in hemophilia patients with inhibitors  
*R. Ljung, F. A. Karim, K. Saxena, T. Suzuki, P. Arkhammar, A. Rosholm and P. Giangrande for the 1907 (PIONEERTM1) Investigators*

#### PLATELETS

Crystal structure and enzymatic activity of an ADAMTS13 mutant with the East Asian-specific P475S polymorphism  
*M. Akiyama, D. Nakayama, S. Takeda, K. Kokame, J. Takagi and T. Miyata*

### Aug. 2013

#### REVIEW ARTICLES

#### Balancing Risk and Benefit in Venous

Thromboembolism Trials: Concept for a Bivariate Endpoint Trial Design and Analytic Approach  
*J.M. Kittelson, A. C. Spyropoulos, J. L. Halperin, C. M. Kessler, S. Schulman, G. Steg, A. G. G. Turpie, N. R.*

*Cutler, W. R. Hiatt and N. A. Goldenberg, The Antithrombotic Trials Leadership Steering (ATLAS) Group*



JTH IMPACT FACTOR INCREASES TO 6.081!

#### HEMOPHILIA A AND HEMOPHILIA B

Focus on Arthropathy and Variables Affecting Bleeding Severity and Prophylaxis  
*M. Escobar and S. Sallah*

#### FIBRINOLYSIS

Thrombus targeted perfluorocarbon containing liposomal bubbles for enhancement of ultrasonic thrombolysis—*in vitro* and *in vivo* study  
*Kohsuke Hagsiwa, Toshihiko Nishioka, Ryo Suzuki, Kazuo Maruyama, Bonpei Takase, Masayuki Ishihara, Akira Kurita, Nobuo Yoshimoto, Yasuhiro Nishida, Kiyoshi Iida, Huai Luo and Robert J Siegel*

### Sept. 2013

#### REVIEW ARTICLE



Pharmacogenomics in cardiovascular disease: focus on aspirin and ADP receptor antagonists  
*M. Würtz, M. Lordkipanidzé, E. Lerkevang Grove*

#### CLINICAL HAEMOSTASIS AND

#### THROMBOSIS

Clinical Performance of Bleeding Risk Scores for Predicting Major and Clinically Relevant Non-major Bleeding Events in Patients Receiving Warfarin  
*S. Burgess, N. Crown, M. L. Louzada, G. Dresser, R. B. Kim, A. Lazo-Langner*

The JTH is proud to announce that its Impact Factor has increased to 6.081!

For public access to the most recent issue of JTH, [click here](#). Full ISTH Member Access can be found by logging into the ISTH website and then clicking "JTH Member Access" under the publications tab. [Click here to see how!](#)

If you are interested in being a contributor, visit the JTH online to learn more about the submission process [here](#).

For more information about JTH, [click here](#).

#### COAGULATION

Glycoengineered Factor IX Variants with Improved Pharmacokinetics and Subcutaneous Efficacy  
*A. R. Brooks, D. Sim, U. Gritzan, C. Patel, E. Blasko, R. I. Feldman, L. Tang, E. Ho, X.-Y. Zhao, H. Apeler, J. E. Murphy*

#### PLATELETS

**Commentary:** Megakaryopoiesis through the ages: from the twinkle in the eye to the fully grown adult  
*C. Ghevaert*

**In Focus Paper:** Developmental changes in human megakaryopoiesis  
*O. Bluteau, T. Langlois, P. Rivera-Munoz, F. Favale, P. Rameau, G. Meurice, P. Dessen, E. Solary, H. Raslova, T. Mercher, N. Debili, W. Vainchenker*

## Society Highlight

# Belgium Society on Thrombosis and Haemostasis (BSTH)



**In each newsletter we highlight a different thrombosis and haemostasis organization from around the world. Take a look and build your network of relationships, today!**

The BSTH was founded as a non-profit organization in 1992 to provide a national scientific forum for the Belgian coagulation world. Since then the society has increased its profile through prestigious annual scientific symposia with state-of-the-art sessions by national and international keynote speakers, educational sessions and oral presentations by young researchers.

In 2010 (and formally in 2011), the BSTH adopted the new Belgian Journal of Hematology as the official journal of the society, making it possible for the abstract of the Annual Meeting to be published in that journal. It was also the first formal cooperation with the Belgian Society of Hematology (BHS) who also adopted the new Belgian Journal of Hematology as their official journal at the same time.

In 2012, Professor Alain Gadisseur (Universiteit Antwerpen-UA) was elected BSTH President and the BSTH embarked on an ambitious program of modernization. The BSTH mission statement was drafted, and changes to the statutes and logo were put forward in an attempt to make the BSTH more democratic, relevant and professional, and to attract a wider membership. In October 2013 the BSTH will also hold a combined meeting with the British Society on Hemostasis and Thrombosis, and this may lead to

further cooperation with other similar societies in Europe.

**Specifically, the BSTH seeks to:**

- foster and advance science relating to thrombosis, haemostasis, and vascular biology
- provide a forum for discussion of these problems
- encourage research in these areas
- focus the attention of scientists of the several relevant disciplines on these matters
- foster the diffusion and exchange of ideas through meetings and publications

*To learn more about the BSTH, visit their website online at <http://www.bsth.be>.*



## ISTH Course Reports Correction for Kiev, Ukraine

In the previous issue of the ISTH newsletter (June 2013), the full report of the ISTH-MLTD Educational Course on Thrombosis in Kiev was inadvertently left out. Please find the full text at this link: [http://c.ymcdn.com/sites/www.isth.org/resource/resmgr/education/report\\_kiev.pdf](http://c.ymcdn.com/sites/www.isth.org/resource/resmgr/education/report_kiev.pdf). Many thanks to organizer Sergio Coccheri.

# New Reach-the-World Recipients Announced

## **Fellow: Dr. Arshi Naz**

National Institute of Blood Disease and Bone Marrow Transplantation, Karachi, Pakistan

## **Host: Dr. Keith Gomez**

Royal Free Hospital, Haemophilia Centre and Thrombosis Unit, London, UK

### **Topics**

Molecular genetics of hemophilia, prenatal testing of hemophilia, molecular modeling of candidate mutations.

## **Fellow: Dr. Mohammad Suhail Akhter**

All India Institute of Hematology, New Delhi, India

## **Host: Dr. Johannes Oldenburg**

Institute of Experimental hematology and Transfusion Medicine, University of Bonn, Germany

### **Topics**

Cell culture and expression analysis; genotype-phenotype correlation development through expression of mutations in heterologous systems, in silico-structural analysis, homology modeling, putative interface identification studies; proteomic analysis, isolation purification and analysis of native proteins.

## **Fellow: Dr. Ei Ei Shwe**

Yangon Children's Hospital Yangon, Myanmar

## **Host: Dr. Thynn Thynn Yee**

Royal Free Hospital, Haemophilia Centre and Thrombosis Unit, London, UK

### **Topics**

Principles and practical details of coagulation tests used for diagnosis of coagulation disorders; Problem solving in complicated cases (eg-inhibitor study, rare factor deficiency); Blood bank services in management of coagulation disordered patients.

*All fellowships are offered for up to 4 months and are currently scheduled to commence later in 2013.*

## Apply for the Reach-the-World Program

The ISTH is working to ensure that scientists, physicians and allied health professionals with an interest in thrombosis and haemostasis have access to the latest training, information and education regardless of where they live. Our Reach-the-World Fellowship program gives junior clinicians and researchers from developing countries the opportunity to study at host institutes

known for their expertise in thrombosis and haemostasis. The program aims to promote knowledge and expertise in one or all of the areas of medical care, laboratory methods and/or research. As part of the program, we provide fellows with financial support for travel, accommodation and living expenses for a fellowship period of up to four months.

## Interested in Applying?

### **Applicants must be:**

- An M.D. or Ph.D.
- 37 years old or younger
- Able to read, write and speak in English or in the primary language used at the host institute
- From an academic institute in a developing country and not affiliated with a commercial pharmaceutical or other biomedical company
- Able to show a publishing record in the field of thrombosis and haemostasis

To apply, **visit the ISTH website [here](#)** and submit all documents to the ISTH Headquarters by January 1.

# Report from Recent Reach-the-World (RtW) Fellowship Recipient **Biljana Vučković (Serbia)**



During my RtW Fellowship, I spent three months (May – Aug. 2013) at the Leiden University Medical Center (LUMC) in the Department of Clinical Epidemiology, under the supervision of Professor Frits Rosendaal. I am a clinician wishing to combine both clinical work and clinical research, and therefore the purpose of my stay was partly to learn about clinical care approaches at LUMC and partly to learn the fundamentals of applied clinical-epidemiological research, with an emphasis on the latter.

My main task was to work on a project to investigate the possible influence of vitamin supplementation to the venous thrombosis risk. Willem Lijfering was mentoring this project. The precise name of my project was: "Influence of use of vitamin supplementation on the risk of venous thrombosis: Results from the MEGA case-control study," and I used the data from the Multiple Environmental and Genetic Assessment case-control study to analyze whether the use of vitamin A, B6, B11, B12, C, D, E, folic acid, or multivitamins decreases the risk of venous thrombosis. Through this project, and with the help of my mentor, I have learned a lot about the basics of clinical epidemiology, including: proper designing of clinical studies, analyzing and reporting the results of clinical studies, the impact and importance of confounders and elimination of biases from the studies.

The MEGA case-control study provided an excellent opportunity to study influence of health-related exposure to the venous thrombosis risk, as both measured and unmeasured confounding factors could be taken into account by comparing patients with RDD controls, and their partners, respectively. Our results show that the vitamin supplementation does not reduce the risk of venous thrombosis. Furthermore, our study demonstrated that protective risk estimate can be found because of the control selection, reinforcing that, when studying health conscious related exposures, the control group must be selected with care. Also, throughout this project I have learned how to use proper statistical programs for data analysis, and I have applied unconditional and conditional logistic regressions using SPSS. As a result of this project I wrote an article along with the following coauthors: Nienke van Rein, Suzanne Cannegieter, Frits Rosendaal and Willem Lijfering. That article has been submitted to the Circulation journal and we are waiting for the reviewers' comments.

Furthermore, during my education in Leiden I visited anticoagulation clinics as well as the laboratory for thrombosis and haemostasis. Professor Jeroen Eikenboom helped me to expand my knowledge of the risk factors for venous thrombosis occurrence, particularly in terms of estimating the importance of different risk factors for VT and optimization of treatment duration in different clinical settings. Therefore, this education was an ideal opportunity for me to learn more about approaches to prevention

and treatment of thromboembolism adopted in the Netherlands and to gain understanding of the guidelines about application, efficacy and safety of novel anticoagulation drugs in the treatment of venous thrombosis.

The knowledge and experience that I have gained in all these fields will enable more efficient services in the areas of prevention and treatment of thromboembolism in my country, especially in the sense of better understanding of the significance of individual thrombosis risk factors and a more precise assessment of the optimum duration of treatment in various clinical settings.

Also, during this education I made numerous professional contacts of great importance for my future scientific and professional work. Being the current Vice President of the Serbian Society of Haemostasis and Thrombosis, my plan is to organize an educational course in clinical epidemiology in my country next year in collaboration with colleagues from the Netherlands and the Educational Committee of the ISTH in order to provide benefits to the wider scientific community.

In conclusion, I would like to point out that I am very grateful for the generous support, education and hospitality which all the employees at the Department of Clinical Epidemiology of Leiden University Medical Center, particularly Professor Frits Rosendaal, gave me in the previous three months. The ISTH Fellowship was an ideal opportunity for me to substantially improve my research and clinical work.

**To learn more about the Reach-the-World Fellowship Program, click here. The deadline for application is January 1.**



# Upcoming Events

## ISTH Advanced Training Course in Portugal



*Hotel Quinta da Marinha, Cascais, Portugal*

### ADVANCED TRAINING COURSE TOPICS

#### BLOOD COAGULATION AND BLEEDING DISORDERS

- Current concepts of the coagulation system
- Challenges in the diagnosis and management of hemophilias
- Diagnosis and management of von Willebrand disease
- Control of coagulation
- Hemostasis in patients with impaired liver function
- How to approach a patient with bleeding

#### VENOUS THROMBOSIS

- Venous thrombosis: manifestations, diagnosis and therapy
- Anti-phospholipid syndrome
- Women issues and thrombosis
- Interactive session with speakers and/or case presentations
- Novel antithrombotic drugs
- How to approach a patient with venous thrombosis
- Perioperative management in patients with risk for thrombosis

#### PLATELETS, PLATELET DISORDERS

- Platelet function
- Heparin-induced thrombocytopenia
- Diagnosis and management of immune thrombocytopenias
- Diagnosis and treatment of inherited platelet disorders
- Diagnosis and treatment of acquired platelet disorders
- Disseminated intravascular coagulation

The Society is pleased to hold its second **ISTH Advanced Training Course in Thrombosis and Hemostasis** taking place from **March 13-16, 2014**, in **Cascais, Portugal at the Hotel Quinta da Marinha**. Given the success of the first course, the ISTH will once again provide the latest training in biological and clinical aspects of Hemostasis and Thrombosis. The course is perfect for trainees in hemostasis, hematology, transfusion medicine, vascular medicine, intensive care medicine who wish to acquire clinical and basic knowledge in the field, or a senior hematologist looking for an update. The meeting will offer three full days of intense examination on the subjects of blood coagulation and bleeding disorders, platelets and venous thrombosis. Leading scientists with vast experience in education will lead the training. All speakers will deliver focused lectures followed by ample time for discussion and close interaction with the participants.

More information about the Advanced Training Course in Portugal is **available online, here**. Space is very limited; please register as soon as possible if you plan to attend.



# Upcoming Meetings Calendar

## 75th Annual Meeting of the Japanese Society of Hematology

Oct. 11-13, 2013  
Sapporo City, Japan  
<http://www.jshem.or.jp/en/meetings/am.html>

## American Association of Blood Banks (AABB) Annual Meeting & CTTXPO 2013

Oct. 12-15, 2013  
Denver, CO, USA  
<http://www.aabb.org/events/annualmeeting/Pages/default.aspx>

## British Blood Transfusion Society (BBTS) Annual Conference 2013

Oct. 16-18, 2013  
Birmingham, UK  
<https://www.bbts.org.uk/annualconference/>

## XXIII Congreso Internacional de Hemostasia y Trombosis

Oct. 16-19, 2013  
Cancun, Mexico  
<http://www.claht2013cancun.com/>

## XXIX Congreso de la SETH & LV Meeting of SEHH

Oct. 17-18, 2013  
Sevilla, Spain  
<http://www.seth.es/images/congresos/2013/Congreso-SEHH-SETH-2013.pdf>

## Vascular 2013

Oct. 17-19, 2013  
Montreal, Canada  
<http://www.vascular2013.ca/>

## Annual Meeting of the German, Austrian and Swiss Societies of Hematology and Oncology

Oct. 18-22, 2013  
Vienna, Austria  
<http://www.haematologie-onkologie-2013.at/haupt/gruswort/>

## Haematology Association of Ireland National Society Meeting

Oct. 18-19, 2013  
Belfast, Ireland  
<http://haematologyireland.org/default.htm>

## North American Vascular Biology Organization Meeting

Oct. 20-24, 2013  
Cape Cod, MA, USA  
<http://www.navbo.org/events/vb2013>

## 44 Congresso Nazionale SIE

Oct. 20-23, 2013  
Verona, Italy  
<http://www.sie2013.com/>

## HAA 2013 (HSANZ/ANZSBT/ASTH Joint Scientific Meeting)

Oct. 20-23, 2013  
Gold Coast, Australia  
<http://www.fcconventions.com.au/HAA2013/>

## Turkish Society of Hematology National Meeting

Oct. 23-26, 2013  
Belek, Turkey  
<http://www.ulusalhematoloji2013.org>

## Haemophilia Academy 2013

Oct. 28-Nov. 1, 2013  
Edinburgh, Scotland  
<http://www.haemophiliaacademy.com>

## Annual Meeting of the Portuguese Society of Hematology 2013

Nov. 14-16, 2013  
Porto, Portugal  
<http://www.sph.org.pt/uploads/files/reuniao2013preliminar.pdf>

## Congrès GEHT/COMETH

Nov. 20-22, 2013  
Lille, France  
[http://site.geht.org/Agenda/Congres-GEHT-COMETH-novembre-2013\\_48.html](http://site.geht.org/Agenda/Congres-GEHT-COMETH-novembre-2013_48.html)

## Belgian Society of Thrombosis and Haemostasis Annual Meeting

Nov. 28-29, 2013  
Dolce, La Hulpe, Belgium  
<http://www.bsth.be/en/node/25>

## 24th Regional Congress of the International Society of Blood Transfusion

Dec. 1-4, 2013  
Kuala Lumpur, Malaysia  
<http://www.isbtweb.org/malaysia/welcome>

## Organized by Keystone Symposia: New Frontiers in the Discovery and Treatment of Thrombosis

Jan. 26-30, 2014  
Keystone, CO, USA  
<http://www.keystonesymposia.org/index.cfm?e=Web.Meeting.Flyer&MeetingID=1261>

Is your meeting not on this list or part of the ISTH online calendar of events? Email us your details at [headquarters@isth.org](mailto:headquarters@isth.org).

## Educational Opportunities

### Upcoming ISTH Education Courses

October 11-13, 2013  
Suzhou, China

November 8-9, 2013  
Quezon City, Philippines

November 20-13, 2013  
Valdivia, Chile

For information on these courses as well as to apply to organize one in the future, please contact the ISTH Office at [education@isth.org](mailto:education@isth.org) or visit the [Education Courses page online](#).

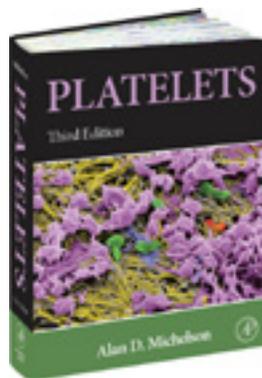
# FACEBOOK RAFFLE

Starting October 7!

## WIN A COPY OF PLATELETS!

Visit the ISTH  
Facebook page  
to enter our raffle  
**CLICK HERE!**

**Don't Miss Our Next Facebook Raffle for  
*Platelets*, Third Edition, Edited by Alan D. Michelson,  
beginning on Oct. 7!**



Donated by the editor and ISTH member, Dr. Alan D. Michelson, and the publisher, Elsevier Publishing, *Platelets* is the current source of state-of-the-art knowledge about platelets and covers the entire field of platelet biology, pathophysiology, and clinical medicine. Recently there has been a rapid expansion of knowledge in both basic biology and the clinical approach to platelet-related diseases including thrombosis and hemorrhage. Novel platelet function tests, drugs, blood bank storage methods, and gene therapies have been incorporated into patient care or are in development. *Platelets* has received a "Highly Commended" by the BMA Medical Book Awards for 2013.

**Specifically, *Platelets* offers the following:**

- Comprehensive and definitive source of knowledge about platelets for clinicians, pathologists and scientists
- Integrates the entire field of platelet biology, pathophysiology, and clinical medicine
- Full color reference comprising 64 chapters, 1,400 pages, and 16,000 references
- Contributions from 126 world leaders in their fields
- New chapters on topics such as the regulation of platelet life span, platelet microRNAs, GPVI and CLEC-2, monitoring of antiplatelet therapy, novel antiplatelet therapy, and making platelets ex vivo.



# WFH 2014 WORLD CONGRESS

THE LARGEST INTERNATIONAL MEETING  
FOR THE **GLOBAL BLEEDING DISORDERS  
COMMUNITY** MELBOURNE, AUSTRALIA • MAY 11-15

[WWW.WFH2014CONGRESS.ORG](http://WWW.WFH2014CONGRESS.ORG)



ORGANIZED BY: WORLD FEDERATION OF HEMOPHILIA  
HOSTED BY: HAEMOPHILIA FOUNDATION AUSTRALIA

Your...

**ISTH** Membership



**Renew Your Membership Today with the ISTH**

# ISTH Member Renewal Season Kicks Off on October 14!

The total number of countries now represented at the ISTH is 93.

## Don't forget to renew your membership for 2014!

It's an exciting time at the ISTH – especially with renewal season on the horizon!

We are happy to announce that the Society has surpassed its membership of 3,700 and moves closer to 4,000

every day! We have also expanded our global audience by adding members from five additional countries, including: Armenia, Cameroon, Suriname, Mongolia and Reunion for the first time. The total number of countries now represented at the ISTH is now 93. The ISTH continues to grow with your support and now offers more benefits than ever before.

An ISTH membership is an essential investment in your future at every

stage in your career. With continued membership, you receive ISTH's official publication, Journal of Thrombosis and Haemostasis (JTH), timely information regarding thrombotic and bleeding disorders, targeted educational programs, networking opportunities and more!

Don't forget to renew your membership for 2014 in Oct.! Visit <https://www.isth.org/Login.aspx> to renew your membership within minutes!

## Newly Joining Members of the ISTH

The ISTH is pleased to introduce the new members who have joined the Society's global network in the past four months, from May 1 until Sept. 30 (inclusive). Due to the success of our membership outreach activities and the number of new members who have joined our Society, we are providing you with a direct link to all of

our new ISTH members. Please click on the link below to directly access a comprehensive list be sure to wish them a warm welcome to the ISTH!

To all of our new members, we are happy to have you as part of our Society and wish you much success in your careers. We look

forward to your active engagement in 2013 and beyond! Welcome!

If you're interested in joining the ISTH as a new member, [click here](#).

[View all new members](#)



International Society on Thrombosis and Haemostasis

## ISTH Mission

The International Society on Thrombosis & Haemostasis (ISTH) is the leading worldwide organization dedicated to the advancement of the understanding, prevention, diagnosis and treatment of thrombotic and bleeding disorders.

ISTH is an international professional individual membership organization with over 3,700 members 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.

## Contact info

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Carrboro, NC 27510, USA

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Fax: +1 919 929 3935  
Email: [headquarters@isth.org](mailto:headquarters@isth.org)

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

## Link with ISTH on LinkedIn

Join us on LinkedIn to continue networking with other professionals in the field of thrombosis and haemostasis. Engage with ISTH members worldwide. Stay up-to-date on ISTH announcements about upcoming meetings, educational initiatives, and standardization programs.

LINK WITH US

## Tweet with ISTH on twitter

Follow ISTH on Twitter @ ISTH to stay in touch and informed about upcoming meetings, educational programs, and other announcements.

TWEET WITH US



WE'RE ON FACEBOOK, TOO!

## ISTH Council

### Chair of Council (2012-2014)

Michael Berndt, Australia

### Secretary/Chair-Elect (2012-2014)

Nigel Key, USA

### Treasurer (2011-2015)

Nuala Booth, UK

### Class of 2014

Nuala Booth, UK  
Francoise Dignat-George, France  
Nigel Key, USA  
Robert Montgomery, USA  
Hugo ten Cate, The Netherlands

### Class of 2016

Marco Cattaneo, Italy  
Björn Dahlbäck, Sweden  
Andreas Greinacher, Germany  
Paula Tracy, USA  
Yukio Ozaki, Japan

### Class of 2018

Peter Lenting, France  
Claire McLintock, New Zealand  
James Morrissey, USA  
Ingrid Pabinger, Austria  
Jeffrey Weitz, Canada

### EX-OFFICIO COUNCIL MEMBERS

#### Secretary General (2010-2013)

Bruce Furie, USA

#### Immediate Past Chair (of Council)

Henri Bounameaux, Switzerland

#### President of the XXV ISTH

Congress (Toronto 2015)  
Sam Schulman, Canada

#### Vice-President of the XXV ISTH

Congress (Toronto, 2015)  
Philip Wells, Canada

#### Past President, XXIV Congress

(Amsterdam, 2013)  
Frits R. Rosendaal, The Netherlands

#### Editors-in-Chief, *Journal of Thrombosis and Haemostasis*

Pieter Reitsma, The Netherlands  
Frits R. Rosendaal, The Netherlands

#### Chairman, Scientific and Standardization Committee

David Lillicrap, Canada

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[www.ssc2014.org](http://www.ssc2014.org)

