



ISTH Headquarters
610 Jones Ferry Road
Suite 205
Carrboro, NC 27510 USA

Tel: +1 919 929 3807
Fax: +1 919 929 3935
headquarters@isth.org
www.isth.org

September ISTH ENewsletter

Title: World Thrombosis Day: Stop Blood Clots and Save Lives

Picture: World Thrombosis Day Logo

As scientists, researchers and health care professionals, you know that thrombosis is the common disorder that is responsible for the top three causes of cardiovascular death worldwide – heart attack, stroke and venous thromboembolism – or VTE. Yet, many of these deaths are preventable.

To address this important health issue, October 13, 2014, marks the inaugural World Thrombosis Day. Led by the ISTH, with oversight by renowned medical and public health experts, World Thrombosis Day is an educational initiative with the goal of reducing the significant disease burden caused by thrombosis.

And, it is professionals like you who will help us achieve that goal.

The ISTH and partners of the World Thrombosis Day movement invite you to participate in activities taking place around the world to mark this very important day. To see a growing list of events, visit the World Thrombosis Day website, here:

<http://www.worldthrombosisday.org/movement/partners-activities/>.

World Thrombosis Day is an annual day that will also energize a collective drive to increase awareness and action through educational activities for the public and health professionals throughout the year, year to year.

At the heart of the movement are more than 160 thrombosis and hemostasis societies, patient advocacy groups, medical/scientific organizations and other interested parties from around the world who seek to:

- Increase the awareness about the prevalence and risks from thrombosis
- Reduce the number of undiagnosed cases
- Increase the implementation of evidence-based prevention
- Encourage health care systems to implement strategies to ensure “best practices” for prevention, diagnosis and treatment
- Advocate for adequate resources for these efforts and increased support for research to reduce the disease burden from thrombosis
- Ultimately save lives

While this is an ambitious agenda, World Thrombosis Day spotlights the urgency of raising awareness today and, ultimately, turning awareness into action on many fronts.

[ISTH and participating organizations are very grateful for support from the partners of World Thrombosis Day.](#)



We welcome you to get involved today by visiting www.worldthrombosisday.org and connecting online via Facebook at www.facebook.com/worldthrombosisday and Twitter at www.twitter.com/thrombosisday.

Title: World Thrombosis Day Resources Available to You!

Picture: Video Screen Shot of Gary Raskob

This year marks an unprecedented convergence of health professional societies and patient advocacy organizations and other demographic, academic research and health forces that are the driving force behind the global World Thrombosis Day movement.

As such, campaign tools are available to help communities take the message to the public and engage individuals, neighborhoods, districts, workplaces, business communities, media, faith and philanthropy leaders and government and policy officials to work together on solutions to reduce the burden from thrombosis.

To access these resources, including two dedicated videos created by World Thrombosis Day Steering Committee Chair Dr. Gary Raskob, click here to get started.
<<http://www.worldthrombosisday.org/campaign-materials/>>

Title: ISTH 2015: Registration and Hotel Booking Updates

Picture: ISTH 2015 logo

Join more than 10,000 ISTH members and colleagues from around the world at ISTH 2015!

Don't miss the opportunity to reserve your attendance at what promises to be the largest and scientifically most stimulating thrombosis and hemostasis meeting in 2015.

Registration and hotel booking is now open for ISTH members only. Open registration and hotel booking begins on October 6 – don't miss the opportunity to reserve your registration and preferential hotel bookings before then.

We look forward to seeing you in Toronto!

Quick Links

[Review registration fees](#)

[Questions regarding the registration process?](#)

[Review the 2015 plenary sessions](#)

[Learn more about the Local Organizing Committee](#)

[Learn more about Toronto](#)



Title: ISTH 2015: Nurses' Forum and Nurses & Allied Health Professionals' Scientific Session

Picture: Toronto skyline

- By Sam Schulman, ISTH 2015 Congress President

We are pleased to announce that the ISTH XXV Congress in Toronto will feature a dedicated Nurses' Forum on Sunday and Monday, June 21-22, 2015, during the Congress. The program will differ somewhat from previous congresses. On the morning of the second day (Monday, June 22), there will be a scientific session with oral presentation of peer reviewed abstracts.

We are encouraging nurses and allied health professionals that have ongoing projects, or who can perform and complete a study by the end of 2014, to strongly consider submitting your results as an abstract to the ISTH Congress. It would be wonderful to see many abstract submissions for this new category, and there is still time to complete a smaller project.

Deadline for abstract submission is February 4, 2015. When you submit your abstract, be sure to indicate the abstract's category as "Nurses and Allied Health." The abstract will then be sorted for review by your peers. The best abstracts will be scheduled for oral presentation on June 21, and the remaining abstracts will be scheduled for a poster presentation on the same day. The poster presentation is in the late afternoon, but posters can be viewed during the entire day.

As a reminder, Allied Health Professionals include pharmacists, physiotherapists, social workers, laboratory technicians and others. Low preferential registration rates are offer for nurses and allied health professionals to facilitate your congress participation.

A preliminary program is [now available online](#) on the ISTH 2015 [Congress website](#). Be sure to check back for updates in the coming months.

Title: Sign Up Now! October Webinar on von Willebrand Disease Offers New Insights

Sign up for the next ISTH webinar on October 15, 2014! The Webinar, titled, "von Willebrand Disease: New Insights," will be led by notable speakers David Lillicrap (Queen's University, Kingston, Canada) and Jeroen Eikenboom (Leiden University Medical Center, The Netherlands), with the objective to better prepare participants for the diagnosis and management of VWD. CME credits will also be available to those who participate.

The presentation will cover:



- Fundamental knowledge of von Willebrand (VWD) factor structure and function.
- Consideration of the molecular genetic pathology responsible for each of the subtypes of VWD.
- Translational insights into the molecular basis of VWD disease and a review of advances made.
- Discussion of future lines of investigation required to enhance our pathogenetic understanding.
- How to make diagnosis and to manage treatment of patients with VWD disease.
- Focus on the history of bleeding, including the value of bleeding assessment tools and bleeding scores, the laboratory tests required for diagnosis.

At the end of the presentation, participants will be more knowledgeable and better prepared for the diagnosis and management of VWD!

[>>FREE Webinar registration is now open online here.](#)

Supported by an unrestricted educational grant from Instrumentation Laboratory. [logo]

The ISTH Academy, the online education arm of the Society, hosts a series of webinars on practical thrombosis and hemostasis issues that scientists and physicians frequently confront. These webinars allot time for participants to ask questions and cover the latest information on relevant topics.

**Coming soon! December ISTH webinar: “High throughput platelet assays”
December 10, 2014 17:00-18:00 GMT**

Speakers:

Professor Tim Warner, Barts & the London School of Med & Dentistry, UK: “Born aggregometry to high throughput 96 well plates; which test should we use?”

Professor Johan Heemskerk, University of Maastricht, the Netherlands: “Monitoring platelet aggregation under flow: from commercial to custom built assays”

Be sure to register for the last webinar of 2014! More information and online registration coming in mid-October. In addition, the webinar schedule for 2015 will be posted online in mid-October as well.

The ISTH Academy has held three previous webinars in 2014. These inaugural webinars are now available for anyone to download and listen to for free!

May 2014: Advances in Pediatric Thrombosis

August 2014: Thrombotic Thrombocytopenic Purpura (TTP): New Insights in Pathogenesis and Treatment Modalities



September 2014: Women and Coagulation Disorders

Simply go to <http://www.prolibraries.com/isth/>, create an account, and then view the webinar.

>>[Click here for a list of all upcoming webinars.](#)

Title: SSC 2014 Webcasts Are Available for Easy Review

All webcast offerings from SSC 2014 are now available!

As a benefit of ISTH membership and/or for attending SSC 2014, the Society is pleased to offer, for the fifth consecutive year, webcasting and video podcasting of select presentations, including the Plenary session and the Educational sessions from the recent ISTH SSC 2014 Meeting in Milwaukee. This continuation highlights the commitment of the ISTH to provide exceptional resources and learning opportunities to its members, ensuring more extensive access to the specialized educational content provided at ISTH events.

Members of ISTH and SSC 2014 meeting attendees have the privilege of viewing the scientific highlights of the ISTH events, replaying presentations or viewing lectures that you may have missed.

>>[Click here to find out more information on how ISTH members and SSC 2014 attendees can view these webcasts.](#)

The ISTH SSC 2014 Webcasts are supported by Novo Nordisk.

Title: ISTH Membership Survey – Provide Much Needed Feedback Today

In the past three years, ISTH membership has grown by 30% to almost 4,000 members! As our Society grows, it is important to stay connected to you, our membership, as well as our partners in the global hemostasis and thrombosis community. One of the best ways to keep in touch and better understand your needs, goals and expectations is to conduct a membership satisfaction survey.

Are you an ISTH member? Have you taken part in an ISTH Congress or Meeting? Have you recently attended an ISTH Webinar or Education Course? **We now invite your input!**

Our goal with this survey is to learn more about your overall satisfaction with ISTH programs and activities as well as your overarching satisfaction with ISTH membership itself. The survey will take no longer than 10 minutes to complete, and it will provide the Society with important



information to best shape your future ISTH benefits and our services to you. Please take the time to share your thoughts and feedback with us.

The link will be open until October 24, 2014. We value your opinions, and we thank you in advance for taking the time to participate. It will greatly help us improve the impact and the value of your ISTH.

Thank you in advance for your participation in this survey! We are looking forward to improving the ISTH and its programs for members and scientific professionals worldwide. With your feedback, we are able to provide ISTH activities that best fit your needs.

Title: Don't Forget! Renew Your Membership for 2015 Beginning October 1

ISTH members – watch your email for your ISTH membership renewal invitation.

With 2015 set to be a landmark year for the ISTH, especially with [ISTH 2015](#) in Toronto, Canada, June 20 – 25, and growing educational and training opportunities, secure your ISTH membership now to ensure your benefits for the coming year. **And, for a limited time, renew for multiple years to receive a discount!**

New ISTH members – the ISTH multiyear discount applies to you also!

Renew or join before December 31, 2014, to receive a discount on a multiyear renewal! Regular members will receive a discount of \$10 USD for a 2 year membership and a discount of \$15 USD for a 3 year membership. All other member types will receive \$5 USD off a 2 or 3 year membership.

In addition, those who renew before December 15, 2014, will be entered in a raffle to win one of the following: a one-year gift subscription to JTH, a free one-year extension to your ISTH membership, or an ISTH messenger-style bag filled with great ISTH giveaways!

Your ISTH membership benefits continue to grow and allow you to connect and participate with our ever growing thrombosis and hemostasis community!

Specifically, you will continue to receive:

- Subscription to our highly regarded publication, the Journal of Thrombosis and Haemostasis (JTH)
- Significantly discounted registration fees for ISTH 2015, SSC meetings and other ISTH-sponsored educational programs and activities



- Access to educational materials, dedicated e-learning courses and webinars
- Eligibility for travel grants to attend congresses and meetings (only Associate & Reach-the-World members)
- Access to the ISTH Career Center online
- Network via the online membership directory
- Eligibility to hold elected and/or appointed offices
- Vote on Society matters and nominate and vote in elections
- Serve on SSC subcommittees and working groups

ISTH membership is valid for one calendar year, unless indicated otherwise, and must be renewed each year to continue receiving benefits. To learn more, [take a look at our membership brochure](#).

Questions? Contact ISTH Membership at membership@isth.org or via phone at +1 919 929-3807.

Title: Reminder: Benefit for ISTH Reach-the-World Members

Reach-the-World members are eligible to receive a print subscription of the Journal of Thrombosis and Haemostasis (JTH) while supplies last! ISTH allows Society members to donate their complimentary print subscription of JTH to a RTW colleague and at this time, we have a surplus to offer on a first-come-first-serve basis.

Interested in receiving a complimentary subscription of JTH? Just notify membership@isth.org of your interest. Please note that we expect that we will receive many more expressions of interest than there are available print journal subscriptions. Recipients will be chosen on a first-come-first-serve basis and will be notified after their selection.

Interested in donating your print subscription? Regular members who would like to have online-only access to JTH may choose to donate their print JTH subscription. Please select the box for “donate print subscription” during membership renewal or sign-up, or do so any time by editing your membership profile.

If you have any questions, please contact membership@isth.org.

Title: Communication from the SSC Hemostasis and Malignancy Subcommittee: New Commercial Assay to Measure Microparticle Tissue Factor Activity in Plasma

The [Hemostasis & Malignancy SSC Subcommittee](#) just published a paper in the Journal of Thrombosis and Haemostasis (JTH) (Tatsumi et al) comparing a new commercial assay to measure microparticle (MP) tissue factor (TF) activity in plasma. MPs are small membrane vesicles that are released from cells. The majority of TF present in plasma resides on MPs.

The Osanto and Mackman groups independently developed similar in-house MP TF activity assays that isolated MPs by centrifugation. TF present in the MPs is quantitated by measuring FXa generation in a reaction containing FVIIa, FX and a chromogenic substrate. An inhibitory anti-TF antibody is used to distinguish TF-dependent from TF-independent FXa generation. The strength of the new commercial assay (Zymuphen MP-TF, Aniara) is that it is a plate-based assay and captures TF-positive MPs present in plasma using a well characterized, non-inhibitory anti-TF antibody called 10H10. However, no anti-TF antibody is used because it was assumed that all the FXa activity of the captured MPs was TF-dependent.

We found that this was not true. One weakness of Zymuphen MP-TF is that it is less sensitive than our in-house assay. This suggests that not all TF-positive MPs are captured. In addition, the commercial assay is less specific for TF and has a higher background than the in-house assay due to the use of a higher FVIIa concentration (12 nM versus 2.5 nM). In conclusion, Zymuphen MP-TF is the first commercial assay to measure TF activity in captured MPs. TF+ MPs may be a useful biomarker to identify patients at risk for thrombosis.

[>>Read the full communication in JTH.](#) The article is currently accepted online, and will be published in a future issue.

Many thanks to Kohie Tatsumi and Nigel Mackman for this article submission.

Title: SSC Control of Anticoagulation Subcommittee Works to Standardize the Definition of Clinical Outcome for Patients Treated for a Major Oral Anticoagulant Related Bleed: Participation Invited

A variety of definitions for clinical outcome have been used in published clinical studies on emergency treatment of oral anticoagulant related bleed. This diversity hampers any attempt to compare data between trials and in performing meta-analysis. Yet, with no doubt, clinical outcome is the most important parameter for evaluating treatment effects. Moreover, direct oral anticoagulants lack specific surrogate laboratory parameters, which make the need for a standardized clinical outcome parameter even more urgent, especially now that new antidotes to treat (direct) oral anticoagulant associated bleed are being investigated in phase III trials.





In the first step towards unified definitions of bleeding complications, a definition for major bleeding in non-surgical patients was developed by Sam Schulman and Clive Kearon on behalf of the [Control of Anticoagulation SSC Subcommittee](#) of the ISTH. This definition is nowadays applicable to studies with all agents that interfere with haemostasis, including anticoagulants, platelet function inhibitors and fibrinolytic agents.

To move to the next step, the Control of Anticoagulation Subcommittee would like to propose development of a unified and practical formulation for clinical outcome after treatment of a major bleed. This definition should be applicable for treatment of both old and new oral anticoagulant associated bleeds as well as all other agents for which the definition of major bleed applied.

To participate in this project, complete this brief questionnaire.

>> Link to: <http://medistorage.net/ssc/>

Title: ISTH Guidance Development Process – Proposals for Topics Invited

Over the last few years, the ISTH, particularly through the excellent work of our Scientific and Standardization Committee and its Subcommittees, has developed several recommendations to provide guidance on specific clinical (therapeutic and/or diagnostic) questions of broad interest and applicability to the ISTH membership and wider medical/scientific community and for which evidence-based data is limited.

The ISTH now inviting our colleagues from around the world to submit requests and/or proposals for the development of guidance documents.

To help with this goal, the Society has developed a new process for guidance submission under the leadership of the newly reconstituted Guidelines and Guidance Committee. Guidance documents produced by the ISTH are brief, focused statements of informed opinion on the diagnosis and management of disorders of hemostasis and thrombosis by experienced clinicians who are recognized authorities in the field and well acquainted with the existing medical and scientific literature. These statements are primarily intended to provide direction to practitioners for the management of disorders which lack data from randomized clinical trials for high level evidence based recommendations.

[Please read here more information on the development process of guidance documents, the Guidelines and Guidance Committee as well as how to propose topics for guidance development.](#)



Title: JTH Editors' Picks for September & Call for Papers

The JTH is the official journal of the Society and is the leading medical journal in the fields of thrombosis and hemostasis. Its current impact factor is 5.55.

Editors Pieter Reitsma and Frits Rosendaal welcome submissions to JTH and encourage you to click here to submit your clinical or basic research to one of the highest ranked journals in the field of hematology! <http://mc.manuscriptcentral.com/jth>

>>[To access the JTH Editors' Picks for September 2014, click here.](#)

Did you know?

You can find **past ISTH Congress abstracts** (years 2003-2014) [online via the JTH website.](#)

Title: Don't Miss the October Issue of JTH!

The October issue of JTH will include the most comprehensive scientific review of the global burden of Venous Thromboembolism (VTE) ever undertaken. Authored by the World Thrombosis Day (WTD) Steering Committee under the leadership of Gary E. Raskob, Ph.D., WTD Steering Committee Chairman and Dean of the College of Public Health, University of Oklahoma Health Sciences Center, the article highlights the importance of awareness and public understanding to help save lives.

The October issue will be online on October 9; print issues will begin arriving on October 13, World Thrombosis Day.

Sidebar Content:

Title: Important ISTH 2015 Deadlines

Hotel Registration Opens:	October 6, 2014
Registration Opens:	October 6, 2014
Abstract Submission Opens:	December 2014
Abstract Submission Deadline:	February 4, 2015
ISTH 2015 Dates:	June 20-25, 2015



Title: New ISTH Members for August 2014

Thank you to our new and renewing ISTH members. With your membership, we continue to work toward our mission of advancing the understanding, prevention, diagnosis and treatment of thrombotic and bleeding disorders. Your support doesn't end with becoming a member though. We hope you'll continue to support the ISTH throughout the year by participating in surveys, attending events, volunteering for committees and subcommittees and much more.

In recognition of our new members, please see our comprehensive list online.

Title: Future ISTH Education Courses

[Hanoi, Vietnam](#)

October 9, 2014

[Guatemala City, Guatemala](#)

October 16-18, 2014

[San Salvador, El Salvador](#)

October 24-25, 2014

[Salvador, Bahia, Brazil](#)

October 31-November 1, 2014

Additional education courses are coming soon! [To learn more or apply to help organize a course, please click here.](#)

Title: Related Meetings Calendar

Below you will find several upcoming meetings in our field. Find many more upcoming meetings online at www.isth.org. To be included, [e-mail us here](#).

[2014 British Society for Haemostasis & Thrombosis Annual Meeting](#)

October 7-9, 2014. Edinburgh, Scotland

[IV Congress of the Macedonian Society for Transfusion Medicine](#)

October 9-11, 2014. Skopje, Macedonia





[Annual Meeting of the German, Austrian and Swiss Societies of Hematology and Oncology](#)
October 10-14, 2014. Hamburg, Germany

[Turkish Society of Hematology National Meeting](#)
October 22-25, 2014. Antalya, Turkey

[AABB Annual Meeting](#)
October 25-28, 2014. Philadelphia, PA, USA

[76th Annual Meeting of the Japanese Society of Hematology](#)
October 31-November 11, 2014. Osaka, Japan