Dear colleagues,

I would like to cordially invite you to attend the 2013 ISTH Congress. The organisation is well under way, and the most renowned researchers in the field have been invited to give Plenary Lectures, while for the State-of-the-Art Lectures, we have invited both established clinicians and scientists as well as rising stars in the field. In addition, many of the Abstract Symposia will be introduced by lectures of experts with broad knowledge in their respective topics.

We are happy to announce that all invited speakers have accepted our invitation. Scientific highlights will be advances in the genetics of cardiovascular disease, novel treatments and cutting-edge basic research. And of course, there will be ‘late breaking abstracts’ on hot topics, which we cannot even predict now.

For clinicians, the newest treatment options will be presented. For researchers, there will be sessions where exciting results are presented as well as possibilities to participate in upcoming collaborative studies. For nurses, there will be a special nurses program. For students, fellows and post-docs, there will also be an extensive educational program, organized in collaboration with the SSC Subcommittee Chair.

To enable everyone to participate to the fullest, we have introduced several novelties: important presentations will be replayed in our ‘recap lounges,’ electronic boards will enhance poster presentations, and handy ‘apps’ will guide you to the sessions of your choice. There will be ample opportunities to meet and greet, mingle and discuss, and we will not forget the complimentary glass of wine or (Dutch) beer. As Amsterdam is renowned as the party city of Europe, the all-participants party will be an event you will not want to miss.

For those with limited means, there will be grants and budget packages for lodging. The ISTH will again make Reach-the-World grants available for individuals from the developing world. I am personally eager to assist those who need visas: please write to us early.

I look forward to welcoming you to our Congress!

Frits Rosendaal
President

Abstract submission
The Local Scientific Committee invites you to actively participate in our congress, which will be an extraordinary occasion for the exchange of latest scientific findings, novel approaches and laboratory or clinical experiences. We look forward to receiving abstracts for consideration and inclusion in the program as either oral or poster presentations.

Hotel accommodations
RAI Hotel & Travel Service has been appointed as the official agent for hotel accommodations for the ISTH 2013 congress. Accommodations at the best available rates can now be booked online. The congress hotels were chosen for the numerous benefits they offer meeting attendees. If you need a group booking, please contact RAI Hotel & Travel directly.

Please visit the website for more detailed information on abstract submission, registration and hotel bookings: www.isth2013.org.
ISTH has now finalized its council standing committee membership for 2012-2014. In addition to council members, standing committees also include for the first time committee members selected from the wider membership of the Society.

The Society had a desire to involve a wider range of ISTH members in its leadership to better reflect the breadth and diversity of ISTH's international community and to also tap into the commitment and knowledge of Society members. This was certainly achieved through responses from members of a variety of ages and locations.

We received an overwhelming number of expressions of interest for each ISTH council committee, any of which would have been excellent choices for the council committees. Over 70 applications were received from members around the world.

Throughout the last few weeks, the committee chair and vice chair made their decisions on the composition of their committees. These decisions were based on their best judgment regarding the needs of their committees while also balancing the representation of various constituencies.

Names of committee chairmen, co-chairmen and the newly appointed ISTH members, as well as committee descriptions and other information, can be found on the ISTH website on the council committee page.

We recognize the enthusiastic response and engagement of all ISTH members to this call for interest, and greatly welcome general ideas and opinions about ISTH initiatives going forward. As ISTH continues to reach out to you, our members, for input and feedback, every member is encouraged to become "informally" involved, and all suggestions on any aspect of the Society are welcome.

Message from the ISTH Chair of Council

Dear ISTH members,

In my new role as chair of council, and as the ISTH leadership contemplates how our Society can have the greatest possible impact, I have increasingly come to appreciate that we are living in an important time for researchers and clinicians concerned with clotting and bleeding disorders. Millions of people worldwide are affected by these disorders, whilst thrombosis is a leading cause of death worldwide.

While there are now many more options for treatment and disease management, there is still much to be discovered about the mechanisms of clotting and bleeding that will lead to new treatments. ISTH is truly at the forefront of this endeavor, as many recent discoveries in thrombosis and haemostasis have been the result of research conducted by you, the members of our Society. It is also important to remind ourselves that our Society has been responsible for the development of scientific standards allowing for a common language and translation of basic science into clinical application.

At the same time, what I believe makes ISTH especially relevant is the linkage of thrombosis and haemostasis research with other disorders and its far-reaching application in many other areas of science and medicine. This scientific cross-talk and these linkages are of increasing importance.

ISTH’s raison d’être is clearer and more important than ever. I believe ISTH is very well positioned to continue to lead, not just in the areas of scientific discovery and standardization, but also in the translation of science to advanced clinical practice, with the ultimate objective to improve the lives of millions of people worldwide, wherever they may live; an ambitious aim, but a critically important one.

With the continued need for greater understanding of normal and abnormal clotting and bleeding and the development of treatments for related conditions, the ISTH in the future will focus more on creating and facilitating programs specifically tailored to engage, connect, train and educate physicians and investigators. These dedicated programs and collaborations will help strengthen scientific, clinical and educational capacity globally.

Further, in order to support the next generation of thought-leaders in our field, the ISTH is more actively seeking the participation of young researchers and physicians in shaping the future of our Society and the field of thrombosis and haemostasis through involvement in our Society, mentorships and education programs.

This all being said, I would like to express my appreciation and thanks to you, our members, for your loyalty and support, and to my friends and colleagues serving on the ISTH council and committees, and to those of you who are so actively engaged in our many projects and initiatives and volunteer so much of your time to move our Society – and our field – forward.

On a personal note, after almost five years based in Ireland, I will be returning to Australia in February 2013 to take up the role of pro-vice chancellor Health Sciences at Curtin University in Perth.

Very best wishes and warm season’s greetings,

Michael Berndt
ISTH is pleased to announce the appointment of Ms. Louise Bannon to the newly created position of marketing and communications manager. The creation of the role is in response to the identified need for the Society to communicate more proactively and professionally with members, the wider global T&H community, sister societies, partners and other stakeholders. In her new role, Louise will be responsible for streamlining and planning the Society’s communications and marketing efforts. This will allow our members and wider community to be better informed about Society activities, provide new opportunities for engagement and increase the overall visibility of ISTH as the leading international Society in thrombosis and haemostasis.

Louise comes to ISTH with a strong marketing and communications background that she has developed in a diverse set of environments and organizations, but with a strong specialization in and passion for working in the healthcare/medical/scientific area. Most notable are her engagement with the American Red Cross (where she was a national disaster spokesperson for during Hurricane Katrina) and her role as an account manager and supervisor in a leading worldwide PR and communications agency, Fleishman-Hillard. In her various roles, Louise has developed and implemented strategies in small as well as large organizations/companies and as part of international assignments in cross-cultural environments. Louise has the ability to drive marketing strategy through technological innovation and is uniquely positioned to help build the ISTH brand through new and existing forms of communication.

“I am delighted to have the opportunity to represent ISTH and its mission to advance the understanding, prevention, diagnosis and treatment of thrombotic and bleeding disorders,” said Louise. “I am also excited to join a dynamic team with a strong passion for excellence and leadership and look forward to building relationships with the ISTH Council, meeting presidents and members worldwide to accomplish important communications, marketing and public relations goals and objectives. Over the last decade, I have continually transformed communications and marketing programs while facilitating well planned strategies and have delivered consistent value to notable brands. As I embark on this position with ISTH, I look forward to contributing to the success of the organization and welcome the opportunity to connect and meet each of you in the coming months.”
1. Where were you born and brought up?
I was born and brought up in the city of Buenos Aires, Argentina.

2. What led you to choose hemostasis/thrombosis as your career focus?
During my residency in hematology at the Institute of Hematological Research, National Academy of Medicine, I had the chance to see how broad the field of thrombosis and hemostasis was and how it related to other clinical specialties. Afterwards, I did my fellowship in the Thrombosis and Hemostasis Department which is a referral center for the diagnosis and treatment of patients with bleeding and thrombotic disorders and also very active in research. There I found mentors that led me to become a physician-researcher in the field. Recently, I focused my research on epidemiology applied to thrombosis and hemostasis.

3. Approximately what proportion of your time do you spend in:
a. Clinical care: 40%
b. Research: 50%
c. Teaching: 10%

4. What led you to choose this particular site as your host center?
I chose the Department of Clinical Epidemiology at Leiden University Medical Center because it is a leading center for the study of epidemiology in our field. In addition, I first met Dr. Suzanne Cannegieter and Dr. Frits Rosendaal at the ISTH Course of Epidemiology applied to thrombosis and hemostasis in Brazil in 2009 and knew about their disposition to teaching and mentoring.

5. What were the main areas of research that you focused on during your ISTH Advanced Fellowship?
During the Fellowship, I focused on methodology (design and analysis of case-control and cohort studies, including bio-statistical techniques and data management) and participated in the data analysis of an on-going case-control study at LUMC on risk factors for venous thrombosis.

6. How do you plan to further pursue or apply the training you received on site?
I plan to start collaborations with other institutions in the country in order to develop epidemiological research in thrombosis and hemostasis, and to go on training in epidemiology to consolidate my knowledge in the field and be able to disseminate it.

7. What trends (for better or worse) have you noticed during your career in hemostasis/thrombosis?
One of the good trends I have noticed in the past years is that the contribution of thrombosis and hemostasis to other specialties is increasingly recognized. Another one is that clinical practice has become more evidenced-based.

8. What are the hot or important topics in thrombosis and hemostasis research in your country?
There are important research groups in thrombosis and hemostasis in Argentina; however, collaborative clinical and epidemiological research is still underdeveloped.

9. Which disorder(s) of hemostasis/thrombosis deserve more attention in your country?
In Argentina, an important issue deserving consideration in relation to these disorders is the access to diagnosis and care, which differ greatly through the country.

10. Do you foresee any development in clinical practice and/or technical scientific advances on the horizon that will impact our field in the short to medium term?
I think the new therapeutic options (from new factor concentrates to new anticoagulants) and the wide availability of genetic and other complex tests will have an impact in clinical practice; however they may also increase medical costs unnecessarily.

11. What are your favorite hobbies or pursuits outside medicine/science?
I like traveling, reading and meeting with friends. I also enjoy playing tennis and sailing.

12. What is your favorite book and why?
I like history and true stories. The book “Born to Rule” by Julia P. Gelardi is one of the books I liked the most because I learned a lot. The book is not just the biography of five queens, all of them granddaughters of Queen Victoria; it also covers a 100-year period of European and world history through the story of these five women.
Let’s Meet in Amsterdam!

THANK YOU TO OUR ISTH 2013 SPONSORS!
2013 Sponsor Levels as of November 19, 2012

Platinum
• Baxter
• Bayer
• Biogen
• Novo Nordisk
• Octapharma

Gold
• CSL Behring
• Pfizer

Silver
• Daiichi Sankyo
• Boehringer-Ingelheim
• GlaxoSmithKline
• LFB Biomedicaments
• Stago

Bronze
• Grifols
• Hyphen-Biomed
• Instrumentation Laboratories
• Roche Diagnostics
• sanofi
• Siemens/ Sysmex

Registration
Register now to take advantage of early registration fees

<table>
<thead>
<tr>
<th>Registration fees</th>
<th>Before May 5, 2013</th>
<th>After May 5, before June 14, 2013</th>
<th>After June 14, 2013 on site</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISTH Members</td>
<td>€525</td>
<td>€650</td>
<td>€725</td>
</tr>
<tr>
<td>ISTH Non-members</td>
<td>€700</td>
<td>€850</td>
<td>€950</td>
</tr>
<tr>
<td>Postdocs, Technicians &amp; Nurses</td>
<td>€275</td>
<td>€450</td>
<td>€750</td>
</tr>
<tr>
<td>Medical &amp; PhD Students &amp; Residents</td>
<td>€150</td>
<td>€200</td>
<td>€300</td>
</tr>
</tbody>
</table>

*Fees payable in Euros only.

Key dates

Website open for abstract submission
December 2012

Website open for registration website
December 2012

Deadline abstract submission
February 1, 2013

Deadline hotel group booking
March 1, 2013

Deadline early registration fee
May 5, 2013

Deadline late registration fee
June 14, 2013

XXIVth Congress of the International Society on Thrombosis and Haemostasis
June 29 – July 4, 2013

XXIVth Congress of the International Society on Thrombosis and Haemostasis
June 29 – July 4, 2013

Registration

Register now to take advantage of early registration fees

<table>
<thead>
<tr>
<th>Registration fees</th>
<th>Before May 5, 2013</th>
<th>After May 5, before June 14, 2013</th>
<th>After June 14, 2013 on site</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISTH Members</td>
<td>€525</td>
<td>€650</td>
<td>€725</td>
</tr>
<tr>
<td>ISTH Non-members</td>
<td>€700</td>
<td>€850</td>
<td>€950</td>
</tr>
<tr>
<td>Postdocs, Technicians &amp; Nurses</td>
<td>€275</td>
<td>€450</td>
<td>€750</td>
</tr>
<tr>
<td>Medical &amp; PhD Students &amp; Residents</td>
<td>€150</td>
<td>€200</td>
<td>€300</td>
</tr>
</tbody>
</table>

*Fees payable in Euros only.

RENEW OR JOIN NOW
ISTH 2013 Membership

CLICK HERE
About the ISTH Reach-the-World Advanced Fellowship Program

The ISTH Reach-the-World Fellowship Program is targeted to early-career professionals from developing* countries. The objective is to promote advanced knowledge and expertise in one or all of the following areas related to thrombosis and hemostasis.

- Medical care
- Laboratory methods
- Research

Deadlines for submission of applications are January 1 and June 1 of each year.

For more information on the program, eligibility criteria and application information, please visit: www.isth.org and go to “Education” or contact the ISTH Office by email at headquarters@isth.org.

*countries designated as ‘developing’ by the classification of the World Bank.

CALL FOR APPLICATIONS

ISTH Reach-the-World Visiting Professor Program

ISTH’s Reach-the-World Visiting Professor Program gives clinicians and researchers in developing countries the opportunity to engage face-to-face and learn from ISTH-sponsored visiting professors who are recognized leaders in the fields of thrombosis and haemostasis.

Through direct interaction, courses and lectures, visiting professors work with host institutes in developing countries to tailor a location-specific program featuring up-to-date insights and information on how to improve the lives of patients with thrombotic and bleeding disorders.

There are no specific deadlines for applications.

Announcement of the June 2012 Reach-the-World Advanced Fellowship Recipient

The next Advanced Fellowship recipient has been chosen: Driss Benlaldj from Algeria. He is an assistant professor in haemobiology at the University Hospital of Oran in Algeria. Career goals and priorities for Dr. Benlaldj include skills and knowledge development in haemostasis and especially in management of bleeding disorders and the application for Algeria’s patients.

“The ISTH training is an opportunity that helps me to develop my academic and technical knowledge in thrombosis and haemostasis and especially the management of hemorrhagic disorders,” Dr. Benladj says.
Venous thromboembolism in cancer clinical trials: Recommendation for standardized reporting and analysis

Subcommittee on Haemostasis and Malignancy for the SSC of the ISTH

Venous thromboembolism (VTE) is associated with a poor prognosis in cancer patients. Clinical trials in oncology use pre-established definitions (e.g. National Cancer Institute Common Terminology Criteria for Adverse Events) to classify various thrombotic events and the grading of its associated severity which are not suitable for reporting VTE. This inconsistent reporting of thrombotic events in cancer clinical trials undermines the accuracy of the true event rates, which can lead to inappropriate use of thromboprophylaxis and inadequately powered clinical trials assessing important VTE-related questions.

The Hemostasis and Malignancy Subcommittee of the SSC has recently published an official communication in JTH highlighting this topic. The Subcommittee recommends that VTE should be described according to the following criteria: 1) arterial vs. venous thrombosis; 2) deep vs. superficial vein involvement; 3) regional location of the involved deep veins (e.g. lower limb, cerebral, etc); 4) catheter-related vs. no catheter involvement; and 5) symptomatic vs. incidental. Diagnosis must be confirmed using standard, objective imaging techniques (e.g. venous ultrasonography, etc) and should not be based on clinical suspicion alone.

Competing risk analysis is the most appropriate statistical methodology to evaluate the probability of VTE in cancer studies as death is an important and frequent competing risk for thrombosis. The Subcommittee recommends standardizing the reporting and analysis of VTE to facilitate accurate and proper assessment of the burden of this complication and the impact of potential interventions.

Official Communications of the SSC:

Official communications entitled “An international study on the standardization of fibrin clot permeability measurement: methodological considerations and implications for healthy control values” and “Standardization of post-thrombotic syndrome definition and outcome assessment following upper venous system thrombosis in pediatric practice” were published in the October issue of JTH.

New SSC Communications

The subcommittee recommends standardizing the reporting and submit an email application to the job poster via the job board.

Member login is required for accessing, searching or posting openings. Non-member employers who would like to post a job opening should please email the ISTH headquarters to have their job posting added. This service is currently free of charge.

For more information on the career center, please visit the ISTH website at http://www.isth.org/networking.

We look forward to receiving many job opportunities that can be shared with our membership.

ISTH Career Center Now Accepting Postings!

The new ISTH website provides another new feature, the ISTH Career Center, which is now up and running. This tool allows ISTH members and non-members to provide information about open positions that they would like to fill. The job board is free of charge as a benefit to our membership of over 3,000 professionals from over 80 countries.

ISTH members can use the career center to:

• Search and apply for jobs that match their interests and expertise
• Submit job openings for vacant positions in their organization
• Browse resumes and CVs
• Sign up to receive e-mail alerts when open positions that align with their skills and interests are posted on the job board

Employers may include as much detail as desired, including notes and requirements. Job seekers can review the postings and submit an emailed application to the job poster via the job board.

The ISTH-EHA Fellowship

The ISTH-EHA Joint Fellowship is a collaborative program between the European Hematology Association (EHA) and the ISTH. It provides a grant of €50,000 (as of the 2013 application round) per year for a maximum of two years to fellows who are pursuing projects in studying the physiology of coagulation, bleeding or thrombosis.

The program is now open for submission and the deadline for sending a project proposal is January 4, 2013.

New in 2013! The grant amount of the joint fellowship has been increased in order to better meet the needs of talented young hematologists.

If you are interested to read more about the ISTH fellowship please visit the education section of the ISTH website.

Calls for Collaboration

New Call for Collaboration from the SSC Scientific Subcommittee on Vascular Biology Standardization of microparticle enumeration across different flow cytometry platforms.

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 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.

Find more calls for collaboration here.
Departing Message from the Current Editors-in-Chief

It is now 6 years since we undertook our roles as joint editors-in-chief of the Journal of Thrombosis and Haemostasis (JTH). At that time, Pier Mannucci together with Harold Roberts had successfully launched the journal in 2002 as the new official journal of the ISTH. Our aim was to further establish JTH as the premier journal for the dissemination of original research in the area of haemostasis and thrombosis.

In the intervening period, we have handled over 7,000 manuscript submissions, giving first decisions to authors in a mean time of 3 weeks. We have been ably assisted in our editorial roles by a dedicated team of associate editors, who collectively have taken responsibility for about half of these submissions and who have offered many suggestions for the regular and excellent review articles carried in the journal. Efficient processing of these manuscripts has only been possible because of the high standing of the journal with members of the ISTH, who have selflessly acted as experts in the peer review process.

Due to the large volume of submissions, we have been able to accept less than 30 percent of submitted manuscripts for publication. The resulting high scientific and technical quality of the journal has resulted in a large and progressive increase in manuscript downloads over the period. It has also been reflected in the annually published citation metrics by the IS Web of Knowledge, which reports a 5 year and current Impact Factors of 5.95 and 5.73, respectively.

During our period as editors, we have been expertly assisted by our excellent editorial team, Laura Anderson, Fee Johnstone and Chris Harris, who have set a high benchmark in efficiency and quality of service to ourselves, our associate editors and to our authors. Jim Crawley has acted as scientific editor, greatly improving the quality of presentation of many papers.

Mike Greaves
David A Lane

“Our aim was to further establish JTH as the premier journal for the dissemination of original research in the area of haemostasis and thrombosis.”

Over the last 6 years, we have enjoyed a highly constructive and productive relationship with our publisher, Wiley-Blackwell. Our regular Strategy Day held each spring has helped focus on the critical issues facing JTH and the wider publishing environment. Working with them, we have seen a progressive rise in institutional subscriptions of JTH. We (the ISTH) have benefitted from increased commercial sales of reprints and advertising space. Importantly, as editors we have been impressed by the commitment of the publisher to excellence in quality of content and efficiency of its production. Elizabeth Kaplan has been the fulcrum of our contact with Wiley-Blackwell and David Christie has been the production manager: we wish to acknowledge their dedication and excellent work over the years.

The current issue of JTH signals the end of our term as editors. We are pleased to hand over the journal to the new editors-in-chief, Pieter Reitsma and Frits Rosendaal. We wish them well over the next 6 years. It has been our pleasure and an honor to serve the ISTH as stewards of this excellent journal.

Mike Greaves
David A Lane

Not yet renewed for 2013?
RENEW YOUR MEMBERSHIP TODAY!

As the end of the year nears, ISTH is already looking forward to the coming programs and global collaborations of 2013.

We ask for your help and support as members of the Society to maintain the current high level of scientific value while developing further initiatives to expand our reach and impact. These initiatives include educational resources and e-learning projects, quality scientific programming and new innovations at the ISTH 2013 Congress in Amsterdam, expanded educational activities in the developing world and other projects that align with the mission of ISTH.

The 2013 ISTH membership renewal is currently in progress, and we encourage you to please show your continued commitment and active support by renewing your ISTH membership. Visit the membership section on the ISTH website to renew online. Please note that your membership will need to be renewed by December 31, 2012 in order to maintain your subscription and access to JTH!
A BREAKTHROUGH IN SPECIALTY TESTING. IT'S ABOUT TIME.

For Automated specialty testing is here. Break through with IL. lab, combining testing accuracy and efficiency in ways never before possible. IL only automates and standardizes highly specialized assays, but also enhances processes and technical skills. Advanced chemiluminescent technology not only streamlines hemostasis testing that, until now, has required time-consuming manual procedures.

ACL AcuStar HemosIL® Test Menu

- HIT-IgG
- HIT-Ab
- D-Dimer
- aCL IgM
- aß2GPI IgA
- aß2GPI IgM
- aß2GPI IgG
- aCL IgA
- aCL IgM
- VWF:CB
- VWF:Ag
- VWF:RCo

HIT-IgG(PF4-H) is in development. Not currently salable.
HIT-Ab(PF4-H) is not currently 510(k) cleared.

In Focus: Interaction between blood type, smoking and factor V Leiden Mutation and risk of Venous Thromboembolism: A Danish Case-Cohort Study
T. C. El-Galaly, S. R. Kristensen, K. Oeverd, R. Steffensen, A. Tjønneland and M. T. Severinsen

CLINICAL HAEMOSTASIS AND THROMBOSIS

Commentary: Unmasking Asian thrombophilia: is APC dysfunction the real culprit? N. Hamasaki

In Focus: PROC c.574_576del polymorphism: a common genetic risk factor for venous thrombosis in Chinese population

PLATELETS

Commentary: Antithrombotic pi3kß inhibitors in man – a ‘shear’ delight! S. P. Jackson and S. M. Schoenwaelder

In Focus: Human target validation of phosphoinositide 3-kinase (PI3K) ß; effects on platelets and insulin sensitivity, using AZD6482 a novel PI3Kß inhibitor
S. Nylander, B. Kull, J. A. Björkman, J-C. Ulvinge, N. Oakes, B. M. Emanuelsson, M. Andersson, T. Skärby, T. Inghardt, O. Fjellström and D. Gustafsson

LETTERS TO THE EDITORS

Commentaries: Epidemiology of venous thromboembolism: the need for large (including prospective) studies and meta-analyses
G. D. O. Lowe

Etiology of venous thrombosis: the need for small original studies
F. P. Rosendaal

In Focus Paper: Polyphosphate coagulant activity on cell surfaces
L. V. M. Rao and U. R. Pendurthi

review articles

In Focus: Activated protein C: Reasons to believe
R. Montes, J. Diez and J. Heredia

In Focus: Activated Protein C, Modulates Cardiac Metabolism and Augments Autophagy in the Ischemic Heart
R. Costa, A. Morrison, J. Wang, C. Manithody, J. Li and A. R Rezaie

In Focus: Regulators of g protein signaling (RGS): role in hematopoiesis, megakaryopoiesis and platelet function
S. Louwette, C. Van Geet and K. Freson

The Evolution and value of bleeding assessment tools
N. Rydz and P. D. James

Anticoagulants in Cancer
D. M. Siegal and D. Garcia

Regulation of tissue factor coagulant activity on cell surfaces
L. V. M. Rao and U. R. Pendurthi

COAGULATION

Commentary: Polyphosphate multi-tasks
J. H. Morrissey

In Focus Paper: Polyphosphate binds to human von Willebrand factor in vivo and modulates its interaction with Glycoprotein Ib
M. Montilla, L. Hernández-Ruiz, F. J.

continued on next page >>
Commentary: VWF: Factor VIII protector and friend M. V. Ragni

In Focus Paper: Factor VIII inhibitors: von Willebrand factor makes a difference in vitro and in vivo

Von Willebrand factor: the old, the new and the unknown
P. J. Lenting, C. Casari, O. D. Christophe and C. V. Denis

Air pollution, vascular disease and thrombosis: linking clinical data and pathogenic mechanisms
M. Franchini, A. Guida, A. Tufano and A. Coppola

CLINICAL HAEMOSTASIS AND THROMBOSIS
Commentary: Pulmonary Embolism in chronic kidney disease: a lethal, overlooked and research orphan disease
C. Zoccali and F. Mallamaci

In Focus: Mortality due to pulmonary embolism, myocardial infarction, and stroke among incident dialysis patients

New ISTH Online Community Features

Have you connected to the new ISTH website yet? The new ISTH website provides the tools needed to help ISTH members and the global hemostasis and thrombosis community create and maintain connections between the Society and its members.

With our new website, ISTH offers a new focus on member interaction and includes a dynamic social networking platform that can support the members’ professional growth. Members can create a network of connections with other members through connection lists, member walls, messaging and groups within the ISTH website. ISTH members can also easily integrate other professional and social networks into their ISTH member profile.

The new site also features an interactive membership directory that allows for member searches by professional interests and location, while still allowing the individual member to decide what can and cannot be publicly seen by other members. An enhanced member profile will also allow for searches by and display information on ISTH and SSC group memberships.

Depending on your involvement with the Society, your login will grant you access to specific community pages. SSC subcommittees will have community sites where ongoing projects can be worked on, and interested members can get involved through these sites as well. ISTH council standing committees will have private sites to upload reports, meeting dates and communicate with committee members.

Site visitors can also view brief tutorials and videos about the use of these new tools. Log in to the ISTH website today to learn more about these new interactive features!
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yvonne Adomakoh</td>
<td>Accra</td>
<td>Ghana</td>
</tr>
<tr>
<td>Minoo Ahmadinejad</td>
<td>Tehran</td>
<td>Iran</td>
</tr>
<tr>
<td>Josefín Ahnström</td>
<td>London</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Nervana Bayoumy</td>
<td>Riyadh</td>
<td>Saudi Arabia</td>
</tr>
<tr>
<td>Fauzia Beig</td>
<td>Bridgeport</td>
<td>United States</td>
</tr>
<tr>
<td>Raul Boggio</td>
<td>Tampa</td>
<td>United States</td>
</tr>
<tr>
<td>Julie Brittain</td>
<td>Augusta</td>
<td>United States</td>
</tr>
<tr>
<td>Adnan Burekovic</td>
<td>Zenica</td>
<td>Bosnia and Herzegovina</td>
</tr>
<tr>
<td>Saulius Butenas</td>
<td>Colchester</td>
<td>United States</td>
</tr>
<tr>
<td>Jessica Cardenas</td>
<td>Houston</td>
<td>United States</td>
</tr>
<tr>
<td>Jorge Carneiro</td>
<td>São Paulo</td>
<td>Brazil</td>
</tr>
<tr>
<td>Martin Castro</td>
<td>Buenos Aires</td>
<td>Argentina</td>
</tr>
<tr>
<td>Jordi Cereijido</td>
<td>Breda</td>
<td>Netherlands</td>
</tr>
<tr>
<td>Pichika Chanthammanch</td>
<td>Bangkok</td>
<td>Thailand</td>
</tr>
<tr>
<td>Kent Chapman</td>
<td>Cooks Hill</td>
<td>Australia</td>
</tr>
<tr>
<td>Yingyong Chinthammitr</td>
<td>Bangkok</td>
<td>Thailand</td>
</tr>
<tr>
<td>Mark Crowther</td>
<td>Hamilton</td>
<td>Canada</td>
</tr>
<tr>
<td>Jacky Cutler</td>
<td>London</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Anders Dahm</td>
<td>Oslo</td>
<td>Norway</td>
</tr>
<tr>
<td>Tovo David</td>
<td>San Francisco</td>
<td>United States</td>
</tr>
<tr>
<td>Colin Evans</td>
<td>Cambridge</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Nadia Galassi</td>
<td>São Paulo</td>
<td>Brazil</td>
</tr>
<tr>
<td>Diana Giraldo</td>
<td>Medellín</td>
<td>Colombia</td>
</tr>
<tr>
<td>Yisu Gu</td>
<td>Norwich</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Michael Haeusler</td>
<td>Parkville</td>
<td>Australia</td>
</tr>
<tr>
<td>Keiji Hasumi</td>
<td>Fuchu</td>
<td>Japan</td>
</tr>
<tr>
<td>Oliver Hegener</td>
<td>Kreuzlingen</td>
<td>Switzerland</td>
</tr>
<tr>
<td>Tania Ihlenfeldt</td>
<td>Durban</td>
<td>South Africa</td>
</tr>
<tr>
<td>Marc Jacquemin</td>
<td>Leuven</td>
<td>Belgium</td>
</tr>
<tr>
<td>Una Jarrold</td>
<td>Edinburgh</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Ane Jobse</td>
<td>Potchefstroom</td>
<td>South Africa</td>
</tr>
<tr>
<td>Emma Jones-Pennin</td>
<td>Tarragindi</td>
<td>Australia</td>
</tr>
<tr>
<td>Fatima Khanum</td>
<td>Cardiff</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Riten Kumar</td>
<td>Toronto</td>
<td>Canada</td>
</tr>
<tr>
<td>Romaric Lacroix</td>
<td>Marseille</td>
<td>France</td>
</tr>
<tr>
<td>Grace Lee</td>
<td>Durham</td>
<td>United States</td>
</tr>
<tr>
<td>Sergio Menna-Barreto</td>
<td>Porto Alegre, Rs</td>
<td>Brazil</td>
</tr>
<tr>
<td>Michael Mitchell</td>
<td>London</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Bunis Packham</td>
<td>Barlet</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Olga Panes</td>
<td>Santiago</td>
<td>Chile</td>
</tr>
<tr>
<td>Bronwyn Pearse</td>
<td>Brisbane</td>
<td>Australia</td>
</tr>
<tr>
<td>Bogumil Ramotowski</td>
<td>Warsaw</td>
<td>Poland</td>
</tr>
<tr>
<td>Anna Remkova</td>
<td>Bratislava</td>
<td>Slovak Republic</td>
</tr>
<tr>
<td>Denise Sabatino</td>
<td>Philadelphia</td>
<td>United States</td>
</tr>
<tr>
<td>Kim Schafer</td>
<td>Sacramento</td>
<td>United States</td>
</tr>
<tr>
<td>Reinhard Schneppenheim</td>
<td>Hamburg</td>
<td>Germany</td>
</tr>
<tr>
<td>Tina Shahani</td>
<td>Tehran</td>
<td>Iran</td>
</tr>
<tr>
<td>Pierre Sie</td>
<td>Toulouse</td>
<td>France</td>
</tr>
<tr>
<td>Deborah Siegal</td>
<td>Ancaster</td>
<td>Canada</td>
</tr>
<tr>
<td>Sergio Siragusa</td>
<td>Palermo</td>
<td>Italy</td>
</tr>
<tr>
<td>John Soedirman</td>
<td>Amsterdam</td>
<td>Netherlands</td>
</tr>
<tr>
<td>Bundarka Suwanawiboon</td>
<td>Bangkok</td>
<td>Thailand</td>
</tr>
<tr>
<td>Jakub Swadzba</td>
<td>Cracow</td>
<td>Poland</td>
</tr>
<tr>
<td>Twylla Tassava</td>
<td>Ann Arbor</td>
<td>United States</td>
</tr>
<tr>
<td>Elona Turley</td>
<td>Edmonton</td>
<td>Canada</td>
</tr>
<tr>
<td>Robbert Van Kranen</td>
<td>London</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Natalie Vazzana</td>
<td>Chieti</td>
<td>Italy</td>
</tr>
<tr>
<td>Bruno Villoutreix</td>
<td>Paris</td>
<td>France</td>
</tr>
<tr>
<td>Jay Walls</td>
<td>Greenville</td>
<td>United States</td>
</tr>
<tr>
<td>Tefu Weng</td>
<td>Taichung</td>
<td>Taiwan</td>
</tr>
<tr>
<td>Szu Shen Wong</td>
<td>Nottingham</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Runhui Wu</td>
<td>Beijing</td>
<td>China</td>
</tr>
<tr>
<td>Jonathan Yau</td>
<td>Hamilton</td>
<td>Canada</td>
</tr>
<tr>
<td>Yolanda Adamczuk</td>
<td>Buenos Aires</td>
<td>Argentina</td>
</tr>
</tbody>
</table>
Seasons Greetings!

As the holiday season approaches, we’d like to take this opportunity to thank our members, partners, and colleagues all over the world for your continued support. It is thanks to your efforts and collaboration that the ISTH can continue to advance its mission globally.

We hope that your holiday season and the New Year will be healthy and successful, and we look forward to working with you in 2013 and beyond!

Plus 94 new Reach-the-World members from our recent Education Course in Belgrade, Serbia!
Upcoming Meeting Calendar

**ISTH Educational Courses:**

Advanced Educational Course on Haemostasis and Thrombosis in Cardiovascular Diseases
April 17-19, 2013; Mexico City, Mexico
http://www.alpic2013.gr

5th International Symposium on Women's Health Issues in Thrombosis and Haemostasis
February 1-3, 2013; Vienna, Austria

6th Annual Congress of the European Association for Haemophilia and Allied Disorders
February 6-8, 2013; Warsaw, Poland
http://www.eahad2013.pl

57. Jahrestagung der Gesellschaft für Thrombose: und Hämostaseforschung (GTH)
February 20-23, 2013; Munich, Germany
http://www.gth2013.org

American Venous Forum 2013 Annual Meeting
February 27-March 3, 2013; Phoenix, AZ, USA

2013 British Society for Haemostasis & Thrombosis Educational Meeting
March 7, 2013; London, United Kingdom
http://www.bsht.org.uk

**Third Emirates Hematology Conference (EHC)**
March 7-9, 2013; Dubai, UAE
http://bit.ly/PY2EmH

**2013 Hemostasis & Thrombosis Research Society (HTRS) Scientific Symposium**
April 11-13, 2013; Charlotte, NC, USA
https://www.htrs.org/

**53nd Annual Scientific Meeting of the British Society for Haematology**
April 15-17, 2013; Liverpool, United Kingdom
http://www.bshconferences.co.uk

**2013 American Society for Biochemistry and Molecular Biology Annual Meeting**
April 20-24, 2013; Boston, MA, USA
http://www.asbmb.org/Meetings_01/2013mtg/2013Annualmtghome.aspx

**International Plasma Fractionation Association (IPFA)/Paul-Ehrlich-Institut (PEI) 20th International Workshop on “Surveillance and Screening of Blood Borne Pathogens”**
April 23-24, 2013; Helsinki, Finland
http://www.ipfa.nl/events/ipfa-pei-workshop-2013-20th_anniversary

**26th Annual Meeting of the American Society of Pediatric Hematology / Oncology (ASPHO)**
April 24-27, 2013; Miami, FL, USA
http://www.aspho.org/education/content/meeting.html

**Arteriosclerosis, Thrombosis and Vascular Biology (ATVB) 2013 Scientific Sessions**
May 1-3, 2013; Lake Buena Vista, FL, USA
http://my.americanheart.org/professional/Sessions/ATVB/ATVB_UCM_316902_SubHomePage.jsp

**ISLH 2013, the XXVI International Symposium on Technological Innovations in Laboratory Hematology**
May 10-12, 2013; Toronto, Canada
http://www.ish.org/ISLH_2013/

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

The 4th Japanese Society of Hematology International Symposium 2012
May 24-25, 2013; Ehime, Japan
http://jshis-ehime2013.org

23rd Regional Congress of the International Society of Blood Transfusion
June 1-5, 2013; Amsterdam, The Netherlands
http://www.isbtweb.org/amsterdam/

18th Congress of the European Hematology Association (EHA)
June 13-16, 2013; Stockholm, Sweden
http://ehaweb.org/congress-and-events/18th-congress/key-information/

Society for Vascular Medicine
24th Annual Scientific Session
June 13-16, 2013; Cleveland, OH, USA
http://www.svmb.org/annual_meeting/
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 3,000 members in more than 80 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
International Society on Thrombosis and Haemostasis
610 Jones Ferry Rd, Suite 205
Carrboro, NC 27510, USA
Phone: +1 919 929 3807
Fax: +1 919 929 3935
Email: headquarters@isth.org
www.isth.org

Copyright
ISTH makes available this Newsletter for the benefit of our members and to promote research and learning in the field. Unless otherwise restricted by notice on a particular page, the following terms of use apply. Permitted uses: These materials may be downloaded and reproduced by our members for their personal use, for reference in their own research, and for the educational and research use of students whom they are teaching in a nonprofit educational institution. Requirements for use: When use is permitted, the author(s) of the material must be credited, all copyright notices must be reproduced, and the following credit line must be given: Used with permission from ISTH, www.isth.org. All copyrights reserved. All other proposed uses require the specific written permission of ISTH. ISTH reserves the right to review uses of these materials to ensure compliance with its policies, and the right to revoke permission for use, for any reason. Publication copyright © International Society on Thrombosis and Haemostasis 2012.

ISTH Council
Chair of Council (2012-2014)
Michael Berndt, Switzerland

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 McEntock, 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 XXIV Congress
(Amsterdam, 2013)
Frits R. Rosendaal, The Netherlands

Vice-President of the XXIV Congress
(Amsterdam, 2013)
Pieter Reitsma, The Netherlands

Past President, XXIII Congress
(Kyoto 2011)
Yasuo Ikeda, Japan

Editors-in-Chief, Journal of Thrombosis and Haemostasis
Mike Greaves and David Lane, UK

Chair, Scientific and Standardization Committee
David Lillicrap, Canada
ISTH

Netherlands

2013

XXIV Congress of the International Society on Thrombosis and Haemostasis

June 29 - July 4
Amsterdam, The Netherlands

www.isth2013.org

Don’t Miss It!!