Editorial

2014 Eberhard F. Mammen Award Announcements: Part II—Young Investigator Awards

Emmanuel J. Favaloro, PhD, FFSc (RCPA)[1]

[1] Department of Haematology, Institute of Clinical Pathology and Medical Research (ICPMR), Westmead Hospital, Westmead, New South Wales, Australia

Semin Thromb Hemost 2014;40:718–723.

Address for correspondence
Emmanuel J. Favaloro, PhD, FFSc (RCPA), Department of Haematology, Institute of Clinical Pathology and Medical Research (ICPMR), Westmead Hospital, Westmead, NSW 2145, Australia (e-mail: emmanuel.favaloro@health.nsw.gov.au).

Welcome to another of our Eberhard F. Mammen award announcements. As noted previously,[1–3] Thieme, the publisher of *Seminars in Thrombosis & Hemostasis*, has created the *Eberhard F Mammen Excellence in Thrombosis and Hemostasis Awards* in honor of Eberhard Mammen (►**Fig. 1**), and in recognition of his contribution to this field and to the journal that he both founded and steered for over three decades. These awards began in 2009, under the following two categories:

- *Most Popular Article Awards*: Awarded to the authors of the most popular articles published in *Seminars in Thrombosis & Hemostasis*. The awards will be determined by the Editor in Chief on the basis of user statistics from Thieme E-Journals from the preceding 2 years. The awards comprise of up to three major cash prizes of US $1,000 plus "free access" status for these articles thereafter on www.thieme-connect.com/products at http://www.thieme.com/sth.
- *Young Investigator Awards:* Best presentation or meeting abstract by a young investigator—as presented or delivered to an international or large regional meeting on a topic related to the fields of thrombosis and hemostasis, and whose subject matter is determined to be in the spirit of Dr. Mammen. Up to six cash prizes of US $1,000 in any year. Awardees are expected to prepare a review or other article related to the topic of their presentation for publication in *Seminars in Thrombosis & Hemostasis*.

Further details of the awards and the award winners are posted online (http://www.thieme.com/sth), and previous award winner announcements are also available in print.[4–10]

The winners of the 2014 Eberhard F. Mammen awards for the most popular articles from *Seminars in Thrombosis & Hemostasis* for the period of 2012 to 2013 inclusive were announced earlier this year.[10] It is therefore with great pleasure that we announce the winners of the 2014 Young Investigator Awards related to meetings held in the recent past.

2014 Young Investigator Awardees

As mentioned earlier, the Young Investigator Awards represent winners of the best presentation or meeting abstract by a young investigator—as presented or delivered to an international or large regional meeting on a topic related to the fields of thrombosis and hemostasis, and whose subject matter is determined to be in the spirit of Dr. Mammen. The 2014 winners are listed in ►**Table 1**.

Dr. Andreas Tiede is professor of Haemostasis/Thrombosis at Hannover Medical School, Hannover, Germany. He received his MD and PhD from Hannover Medical School respectively in 2000 and 2003. Following training in Internal Medicine and Hematology/Oncology, he became head of the Hemophilia Care Center and Haemostasis Unit at Hannover Medical School in 2010. Dr. Tiede serves as speaker of the Acquired Haemophilia Working Group of the German, Austrian and Swiss Thrombosis and Haemostasis Society (GTH), and is member and secretary on the GTH Board of Directors. He is also Deputy Chairman of the Physician Advisory Board of the German Haemophilia Society (DHG).

Dr. Wendy Lim is an associate professor in the Department of Medicine, Division of Hematology and Thromboembolism at McMaster University, Hamilton, Canada. Following her subspecialty training in Hematology, she completed a Research and Clinical Fellowship in Thromboembolism and a Master's degree in Health Research Methodology at McMaster University. Dr. Lim is currently the Head of Service Hematology at St. Joseph's Healthcare Hamilton and is the program director for the Adult Hematology Residency

published online
October 14, 2014

Issue Theme Hot Topics VI; Guest Editor, Emmanuel J. Favaloro, PhD, FFSc (RCPA).

DOI http://dx.doi.org/10.1055/s-0034-1394107.
ISSN 0094-6176.

Fig. 1 Eberhard F Mammen (1930–2008).

Training Program at McMaster University. Her research interests include anticoagulant use in special patient populations along with an interest in clinical trials, systematic review, and meta-analysis methodology and guideline development.

Dr. Riten Kumar is a pediatric hematologist at Nationwide Children's Hospital and an assistant professor of pediatrics at the Ohio State University. He received his medical degree from the University of Calcutta in 2004, following which he completed his pediatric residency at the State University of New York. Dr. Kumar finished his pediatric hematology–oncology fellowship at the Mayo Clinic in Minnesota while also receiving his Masters in Clinical and Translational Science from the Mayo School of Graduate Medical Education. In 2013, he completed a second fellowship in Pediatric Thrombosis and Hemostasis at the Hospital for Sick Children, University of Toronto. While at SickKids, under the mentorship of Dr. Manuel Carcao, he investigated the impact of exercise on hemostatic parameters in children with hemophilia. His other research interests include congenital bleeding disorders, thrombophilia, and postthrombotic syndrome.

Dr. Maria Elisa Mancuso is a hematologist and currently working as a clinical assistant at the Angelo Bianchi Bonomi

Table 1 2014 young investigator awardees

Awardee	Current placement	Presentation(s) awarded	Meeting presented
Andreas Tiede, MD, PhD	Department of Hematology, Hemostasis, Oncology and Stem Cell Transplantation, Hannover Medical School, Hannover, Germany	Prognostic Parameters For Remission Of and Survival In Acquired Hemophilia A: Results Of The GTH-AH 01/2010 Multicenter Study	American Society of Hematology (ASH) 55th Annual Meeting. December 7–10, 2013; New Orleans, Louisiana, USA
Wendy Lim, MD, MSc	Department of Medicine, Division of Hematology & Thromboembolism, McMaster University, Hamilton, Ontario, Canada	Antiphospholipid Syndrome	
Riten Kumar, MD, MSc	Division of Hematology/Oncology, Hospital for Sick Children, Toronto, Canada; University of Toronto, Canada	Exercise increases FVIII, von Willebrand factor and platelet counts in boys with hemophilia A and B: preliminary findings of the SickKids hemophilia exercise study	World Federation for Haemophilia 2014 World Congress. May 11–15, 2014. Melbourne, Australia
Maria Elisa Mancuso, MD, PhD	Angelo Bianchi Bonomi Hemophilia and Thrombosis Center, Department of Medicine and Medical Specialties, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico, Milan, Italy	Thrombin generation assay in hemophilic patients with or without inhibitor undergoing orthopedic surgery	
Susana Nobre Fernandes, MD, MSc	Centro Hospitalar de São João, Oporto, Portugal	Economic impact of individualized prophylaxis approach on a severe hemophilia young adult cohort	
Coen Maas, PhD	Department of Clinical Chemistry and Haematology, UMC Utrecht, The Netherlands	Detection of Plasma Contact System Activation in Thrombotic Disease.	International Society for Laboratory Hematology (*ISLH*). 2014 - XXVIIth International Symposium on Technological Innovations in Laboratory Hematology. May 15–17, 2014. The Hague, The Netherlands

Fig. 2 Young Investigator Award winner Dr. Andreas Tiede.

Hemophilia and Thrombosis Center in Milan (Italy). She obtained a postmedical degree in Clinical and Experimental Hematology and a PhD in Clinical Methodology. She is involved in clinical research, has published several original articles in many peer-reviewed journals, and is a member of several scientific societies (ISTH, WFH, ASH, and EAHAD). Maria is involved in the care of both children and adults with hemophilia with a particular scientific interest in inhibitors and chronic hepatitis C.

Dr. Susana Nobre Fernandes, the youngest of our award winners on this occasion, received her medical degree from Minho University, Braga, Portugal in 2007. She completed her medical training and specialization in Imunohemotherapy in Centro Hospitalar S. João, Oporto, in 2013. She currently integrates the medical team of the Haemophilia Comprehensive Care Centre of Hospital São João (Porto, Portugal) and has over 20 publications to her credit.

Dr. Coen Maas also has over 20 publications to his credit and is currently employed at the Laboratory for Clinical Chemistry and Haematology at the Utrecht University Medical Center in Utrecht, the Netherlands. His work, and that of his team, is supported by the Netherlands Organization for Scientific Research, the Bayer Hemophilia Awards program and a research grant provided by HAEi; the international community for patients with hereditary angioedema. He and his group are currently preparing two manuscripts for future issues of *Seminars in Thrombosis & Hemostasis*: one will focus on the plasma contact activation system and its interaction with endothelial cells, the other will summarize recent findings on the proteolysis of von Willebrand Factor by proteases beyond ADAMTS-13 and the implications that this could have for thrombotic microangiopathies.

All award winners were thrilled to hear that they had been selected to receive an Eberhard F Mammen Young Investigator Award, and provided the following additional commentary:

> I am very happy that our work was selected for this award. The GTH study on Acquired Hemophilia A was a joint effort by 30 hemophilia care centers in Austria and Germany, and I was very happy about the enthusiastic support by so many of my colleagues. Together we were able to address some of the burning questions in this rare disorder.
>
> —Andreas Tiede (►**Fig. 2**)

> Receiving the Eberhard F. Mammen award was a tremendous honour. As a clinician-researcher interested in antiphospholipid syndrome, I was pleased to have the opportunity to share my knowledge about the diagnosis and management of this aggressive thrombotic disease. The multisystem involvement of this condition and myriad of clinical signs and symptoms can often be difficult to interpret. In a condition where the diagnosis relies heavily on laboratory testing and where there is currently no single diagnostic test, it is important for clinicians to understand the limitations of laboratory testing and to interpret the results accordingly. Furthermore, there remain uncertainties regarding optimal anticoagulant treatment strategies and navigating the literature in this area can be difficult. My intent was to ensure this presentation provided a practical and concise approach to the diagnosis and management of this challenging disease. To be nominated and then recognized with this award was an unexpected honour for which I am grateful.
>
> —Wendy Lim (►**Fig. 3**)

> This is incredible news—thank you very much. I am excited and honored to be to be receiving this award and I hope to be able to contribute to ongoing research on the management of hematological disorders in children.
>
> —Riten Kumar (►**Fig. 4**)

> The suitability of the thrombin generation test as a laboratory monitoring tool during by-passing therapy in patients with hemophilia and inhibitors is still a matter of debate because much of the evidence comes from in vitro studies and limited in

Fig. 3 Young Investigator Award winner Dr. Wendy Lim.

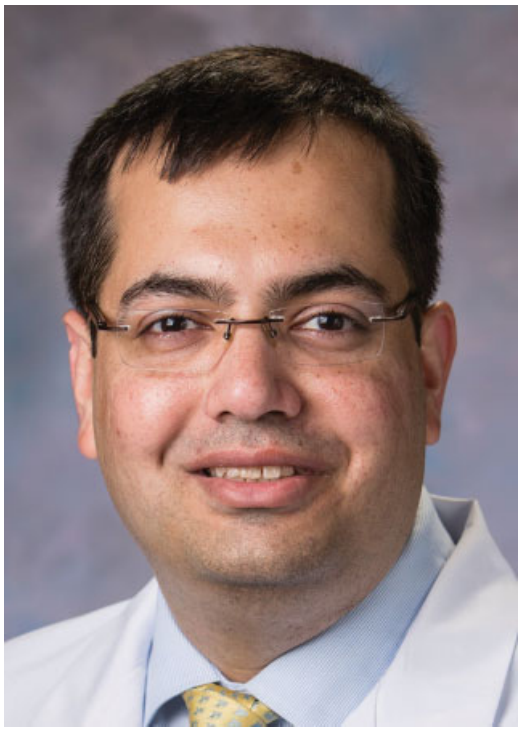

Fig. 4 Young Investigator Award winner Dr. Riten Kumar.

vivo data are available so far. I am delighted to receive this award and to have the opportunity to review the existing literature on the topic, since the lack of a reliable laboratory tool to monitor by-passing therapy in hemophilic patients with inhibitors is one of the major unmet needs in hemophilia care.

—Maria Elisa Mancuso (►**Fig. 5**)

We are honored to be acknowledged with this Award, which motivates us to go further, and we hope to fulfill all expectations. We would like to dedicate the 2014 Eberhard F Mammen Young Investigator Award to all our patients. It represents the recognition of the team-work of the Haemophilia Comprehensive Care Centre of Hospital São João (Porto, Portugal),

Fig. 5 Young Investigator Award winner Dr. Maria Elisa Mancuso.

Fig. 6 Young Investigator Award winner Dr. Susana Nobre Fernandes.

in the search of the best health care in haemophilia. The prophylactic treatment of young adults with severe haemophilia is a contemporary issue, with few available studies, and challenges us to make the best therapeutic decisions. Tailored prophylaxis seems to be an excellent approach. In this perspective, although we have studied a small cohort of patients with a short period of follow-up, we feel confident that we are presenting the results of an individualised prophylaxis based on clinical outcomes. Winning this award encourages us to keep on improving the quality of patient care, maintaining

Fig. 7 Young Investigator Award winner Dr. Coen Maas (front) together with Dr. Bert Rutten (rear left), and their joint mentor Prof. Philip G. de Groot (rear right) after a thesis defense in Utrecht.

Table 2 Young investigator awardees from previous years

Awardee	Year awarded	Publication arising
Willem M. Lijfering	2009	Lijfering WM, Flinterman LE, Vandenbroucke JP, Rosendaal FR, Cannegieter SC. Relationship between venous and arterial thrombosis: A review of the literature from a causal perspective. Semin Thromb Hemost. 2011;37(8):885–896
Salley Pels	2009	Pels SG. Current therapies in primary immune thrombocytopenia. Semin Thromb Hemost. 2011;37(6):621–630
Adam Cuker	2010	Cuker A. Current and emerging therapeutics for heparin-induced thrombocytopenia. Semin Thromb Hemost. 2012;38(1):31–37
Giridhara Rao Jayandharan	2010	Jayandharan GR, Srivastava A, Srivastava A. Role of molecular genetics in hemophilia: from diagnosis to therapy. Semin Thromb Hemost. 2012;38(1):64–78
Timea Szanto	2010	Szántó T, Joutsi-Korhonen L, Deckmyn H, Lassila R. New insights into von Willebrand disease and platelet function. Semin Thromb Hemost. 2012;38(1): 55–63
Birgitta Salmela	2010	Salmela B, Joutsi-Korhonen L, Armstrong E, Lassila R. Active online assessment of patients using new oral anticoagulants: bleeding risk, compliance, and coagulation analysis. Semin Thromb Hemost. 2012;38(1):23–30
Pia Riittaa-Maria Siljander	2010	Aatonen M, Grönholm M, Siljander PR. Platelet-derived microvesicles: multitalented participants in intercellular communication. Semin Thromb Hemost. 2012;38(1):102–113
Romaric Lacroix	2011	Lacroix R, Dignat-George F. Microparticles: new protagonists in pericellular and intravascular proteolysis. Semin Thromb Hemost. 2013;39(1):33–39
Brad McEwen	2011	McEwen BJ, Morel-Kopp MC, Chen W, Tofler GH, Ward CM. Effects of omega-3 polyunsaturated fatty acids on platelet function in healthy subjects and subjects with cardiovascular disease. Semin Thromb Hemost. 2013;39(1):25–32
Neil A. Goldenberg	2011	Bernard TJ, Armstrong-Wells J, Goldenberg NA. The institution-based prospective inception cohort study: design, implementation, and quality assurance in pediatric thrombosis and stroke research. Semin Thromb Hemost. 2013;39(1):10–14
Joseph E. Italiano, Jr.	2011	Italiano JE Jr. Unraveling mechanisms that control platelet production. Semin Thromb Hemost. 2013;39(1):15–24
Vivian Xiaoyan Du	2012/2013	Du VX, Huskens D, Maas C, Al Dieri R, de Groot PG, de Laat B. New insights into the role of erythrocytes in thrombus formation. Semin Thromb Hemost. 2014;40 (1):72–80
Andrew Yee	2012/2013	Yee A, Kretz CA. Von Willebrand factor: form for function. Semin Thromb Hemost. 2014;40(1):17–27
Sarah O'Brien	2012/2013	O'Brien SH. Contraception-related venous thromboembolism in adolescents. Semin Thromb Hemost. 2014;40(1):66–71
Veronica Flood	2012/2013	Flood VH. Perils, problems, and progress in laboratory diagnosis of von Willebrand disease. Semin Thromb Hemost. 2014;40(1):41–48
Julie Tange	2012/2013	Tange JI, Grill D, Koch CD, Ybabez RJ, Krekelberg BJ, Fylling KA, Wiese CR, Baumann NA, Block DR, Karon BS, Chen D, Pruthi RK. Local verification and assignment of mean normal prothrombin time and international sensitivity index values across various instruments: recent experience and outcome from North America. Semin Thromb Hemost. 2014;40(1):115–120
Kent Chapman	2012/2013	Chapman K, Yuen S. Therapy for thrombotic thrombocytopenia purpura: past, present, and future. Semin Thromb Hemost. 2014;40(1):34–40

clinical surveillance and sharing our experience, always in discussion with our patients, who represent the reason for the existence of the Centre.

—Susana Nobre Fernandes (►**Fig. 6**)

I am very honored to have been nominated and selected for this prestigious award. It was a great surprise. In my presentation I discussed our research group's developing new insights into the role of the plasma contact system in coagulation, as well as in regulation of vascular permeability and inflammation. The group is aiming to obtain a better understanding of this volatile system in human pathology and physiology through the development new bioassays, as well as biochemical and cell biological studies.

—Coen Maas (►**Fig. 7**)

In a retrospective mood, I decided to review the Young Investigator awardees from previous years as well as the outcome of their subsequent submissions[11–27] to *Seminars in Thrombosis & Hemostasis*, and as summarized in ►**Table 2**. Indeed, what I find personally gratifying is that each article[11–17] from every Young Investigator Award winner from 2009 and 2010 has appeared in the top 100

listing from the 2012 to 2013 year article download periods, and that six of seven of these papers also appeared on the top 100 listing from the 2011 to 2012 download period. Of further interest, one of these papers actually won one of the most popular awards in 2014 (within the Open Access Category) and based on the "most popular" 2012 to 2013 list.[16] Also motivating is that a few of the Young Investigator awardees were also included as authors on other contributions to *Seminars in Thrombosis & Hemostasis* that were also listed in these most popular listings, including another 2014 most popular award winner.[28]

It should also be clarified that as the Young Investigator Award winners from 2012/2013 had their contributions published in 2013, this would generally preclude these being listed in the most popular Award listings to date. In any case, these findings would appear to more than validate the Young Investigator Award process, and I look forward to seeing their careers continue to develop. The earlier mentioned findings also suggest that future Young Investigator awardees have a very high bar to jump, given the precedence identified for the earlier awardees.

I would like as always to congratulate the current Young Investigator awardees for their awards, and will also take the opportunity to thank previous Young Investigator awardees for their contributions; these have obviously been well received by readers of this journal. I look forward to reading, and monitoring the future popularity, of the contributions from the latest group of Young Investigators.

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