



# Irish Blood Transfusion Service

## Seirbhís Fuilastriúcháin na hÉireann

The Irish Blood Transfusion Service is proud to announce a special education forum, symposium open to members of the local Irish Blood Transfusion Medicine community. Members of the BEST Collaborative will present two sessions, each followed by a panel discussion.

### WHEN

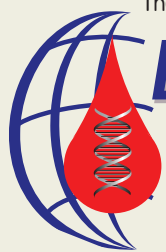
Thursday, 4 April 2013

13:00-17:00

### WHERE

Radisson BLU Royal Hotel  
Goldsmiths Hall 1,2,3  
Golden Lane  
Dublin 8

### ABOUT THE BEST COLLABORATIVE



The Biomedical Excellence for Safer Transfusion (BEST) Collaborative is an international research organization that works collaboratively to explore ways

to improve transfusion-related services through standardization of analytic techniques, development of new procedures, systematic review of evidence, and execution of clinical and laboratory studies. BEST has 42 scientific members from 10 countries representing

a diversity of interests and high levels of accomplishment. BEST has published over 80 peer reviewed papers and has over 25 studies currently open. As part of our mission, BEST believes it brings to the community thoughtful consideration to identify important questions in Transfusion Medicine, design and execute studies to address these questions, and provide critical thought and synthesis of the available evidence.

### PROGRAM

#### Session 1: The Red Cell Supply Under Threat?

*Age of Blood and Donor Iron*

- 13:00 - 13:20 *Update on current studies linking age of blood to clinical outcome.*  
Alan T. Tinmouth MD MSc (Clin Epi)  
FRCPC
- 13:20 - 13:40 *Red cell processing and preservation methods to limit the storage lesion. Effect of donor variables on red cell storage; the "optimal" red cell unit.*  
John R. Hess MD, MPH, FACP, FAAAS
- 13:40 - 14:00 *Optimal use of blood.*  
Mark Yazer, MD
- 14:00 - 14:20 *Blood inventory management; modelling techniques.*  
Walter H. (Sunny) Dzik, MD
- 14:20 - 14:40 PANEL DISCUSSION
- 14:40 - 15:20 BREAK (*Refreshments served*)

#### Session 2: Platelet Transfusion and Education Methods

- 15:20 - 15:40 *Update on recent platelet trials (therapeutic versus prophylactic), challenges using bleeding as an outcome, BEST work on a standardized bleeding tool.*  
Simon J. Stanworth, MA, MRCP(Paed, UK), DPhil, FRCPath
- 15:40 - 16:00 *Evidence for platelet transfusion effectiveness in ICU patients, pediatric patients and in neonates.*  
Donald Arnold, MD, MSc
- 16:00 - 16:20 *Platelet product quality.*  
Dana Devine, PhD
- 16:20 - 16:40 *Knowledge Assessment: Developing a questionnaire on good transfusion medicine practice for physicians.*  
Richard Haspel, MD, PhD
- 16:40 - 17:00 PANEL DISCUSSION



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## TRANSFUSION MEDICINE EDUCATION FORUM

Thursday, 4 April 2013  
13:00 - 17:00

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Dublin

### FACULTY

#### Alan T. Tinmouth MD, MSc, (Clin Epi) FRCP

Dr. Tinmouth is an Assistant Professor in Medicine (Hematology) at the University of Ottawa and Associate Staff at the Ottawa Hospital since September 2002. Dr. Tinmouth is the Head of General Hematology and Transfusion Medicine. He is also a scientist at the Ottawa Hospital Research Institute and a member of the University of Ottawa Centre for Transfusion Research. Dr. Tinmouth previously served as Associate Medical Director at the Canadian Blood Services Toronto Centre in 2001-2002 and continues to work as medical consultant to the Canadian Blood Services in Ottawa. Dr. Tinmouth's principle areas of research interest are the use of blood products, specifically Frozen Plasma and platelets, as hemostatic agents to achieve or maintain hemostasis. More recently, he is also pursuing knowledge transfer research in transfusion medicine, specifically the use of interventions to change physician transfusion practice.

#### John R. Hess MD, MPH, FACP, FAAAS

Dr. John R. Hess, is Professor of Pathology and Medicine at the University of Maryland School of Medicine in Baltimore. He serves as Director of Transfusion Medicine and Medical Director of the Blood Bank and Stem Cell Laboratories. He attended medical school at the University of Washington in Seattle, earned his Masters in Public Health at the University of Hawaii, and is board certified in internal medicine, hematology, medical oncology, blood banking and transfusion medicine, and general preventive medicine and public health. He is the author of 200 papers and book chapters, inventor of the dry fibrin sealant bandage and methods for extending RBC storage. He serves on the World Health Organization Expert Panel on Blood Transfusion Medicine.

#### Mark Yazer, MD

Dr. Mark Yazer is an Associate Professor of Pathology at the University of Pittsburgh, and an assistant medical director of the Centralized Transfusion Service in Pittsburgh. His research interests include patient blood management, the RBC storage lesion, and blood group genetics. He is the Chairman of the AABB's molecular testing accreditation program unit, is the incoming Chairman of the AABB's molecular testing standards committee, and is the director of the Serum, Cell and Rare Fluid (SCARF) exchange.

#### Walter H. (Sunny) Dzik, MD

Dr. Sunny Dzik is Co-Director of the Blood Transfusion Service at Massachusetts General Hospital and Associate Professor at Harvard Medical School. Sunny's primary interest is in clinical transfusion medicine, hemostasis and non-infectious hazards of transfusion. He is past-Chairman of the NIH National Clinical Trials network in Transfusion Medicine and Hemostasis. He is the recipient of several prestigious awards including the Emily Cooley award of the AABB; the Daniel D Federman "Outstanding Clinical Educator" award by the graduating class of Harvard Medical School; the Charles C Lund award of the American Red Cross; the Claes Hogman award of the Swedish Transfusion Society; the James Blundell Award of the British Blood Transfusion Society; the Richard J Davey award from the NIH, and the Tibby Greenwalt award of the AABB.

Sunny is committed to helping develop the next generation of Transfusion Medicine specialists. Currently, he is actively working with colleagues to improve transfusion care of children with malaria at two hospitals in Uganda.

In his spare time, he is an avid collector of antique English clocks from the Georgian period.

#### Donald Arnold, MD, MSc

Dr. Arnold is an Associate Professor in the Department of Medicine at McMaster University. He obtained his Medical Degree from McGill University in 1987 and a Master's Degree in Health Research Methodology from McMaster University in 2008. He completed Residency Training in Internal Medicine at the Sir Mortimer B. Davis Jewish General Hospital in Montreal in 2001, Hematology at McMaster University in 2003 and Transfusion Medicine at McMaster University supported by the Canadian Blood Services (CBS) in 2005. He completed a Fellowship in Transfusion Science funded jointly by the Canadian Institutes for Health Research and Canadian Blood Services. Dr. Arnold is currently the Program Director for the Transfusion Medicine Residency Training Program at McMaster University. Dr. Arnold's research interests are in platelet disorders with a focus on clinical trials and optimal use of blood products.

#### Dana V. Devine, PhD

Dr. Dana Devine is currently the Vice-President, Medical, Scientific and Research Affairs at Canadian Blood Services. She is also Professor of Pathology and Laboratory Medicine at the University of British Columbia, and a founding member of the University's Centre for Blood Research. She is the Editor-in-Chief of the blood transfusion journal *Vox Sanguinis*. Dr. Devine completed her research training at Duke University in North Carolina where she obtained the PhD. degree. She has a longstanding research career in blood products, transfusion medicine, platelet biology, complement biochemistry, and coagulation.

#### Richard Haspel, MD, PhD

Dr. Haspel received a PhD in Molecular Cell Biology from Rockefeller University and an MD from Cornell University as part of the Tri-Institutional Medical Scientist Training Program. He completed an internship in Internal Medicine and a residency in Clinical Pathology at Brigham and Women's Hospital followed by a fellowship in Transfusion Medicine at Massachusetts General Hospital. Dr. Haspel is currently the medical director of the Stem Cell Processing Laboratory at Beth Israel Deaconess Medical Center (BIDMC) in Boston and an Assistant Professor of Pathology at Harvard Medical School. He is currently the Director of the Laboratory Medicine Residency Training Program at BIDMC and has developed and published resident curricula in genomics and evidence-based transfusion medicine.



#### Simon J. Stanworth, MA, MRCP(Paed, UK), DPhil, FRCP(ath)

Dr Simon J Stanworth is a Consultant Haematologist at the John Radcliffe Hospital in Oxford. He has a joint appointment with National Health Service Blood & Transplant, and the Department of Haematology at Oxford Radcliffe Hospitals Trust, as an Honorary Consultant Paediatric Haematologist. He is an Honorary Senior Clinical Lecturer, Haematology, University of Oxford.

He is Secretary of the Regional Transfusion Committee for South Central (Oxford and Southampton/Hants). His clinical research is centred on indications and use of blood components, through systematic reviews and clinical studies/trials.