



ANNUAL MEETING PROGRAMME

Friday 14th October 2016

08.00-09.15	Tea/Coffee/Scones/Meet the Sponsors <i>(All sponsors have supported this meeting through the sponsorship of exhibition space alone and have had no input into the Agenda, speaker selection or content of this meeting)</i>
09.15	Opening of the Annual HAI Meeting – Dr Eibhlin Conneally, President
09.30-11.10	SESSION 1 – Oral Presentations Chairpersons: Dr Irene Regan & Dr Kathryn Boyd
09.30-09.40	POLYCLONAL IgG N-GLYCOSYLATION IN THE PATHOGENESIS OF PLASMA CELL DISORDERS S Mittermayr ¹ , Gao N Le ^{1,2,3} , C Clarke ¹ , SM Martin ¹ , AM Larkin ³ , P O’Gorman ² , J Bones ¹ ¹ Glycobiology, The National Institute for Bioprocessing Research and Training, Blackrock, County Dublin, ² Haematology, Mater Misericordiae University Hospital, Dublin, ³ National Institute for Cellular Biotechnology, Dublin City University, Dublin
09.40-09.50	ANALYSIS OF THE SIDE EFFECT PROFILE OF TKIs IN PATIENTS WITH CML IN BEAUMONT HOSPITAL OVER A 10 YEAR PERIOD. Jennifer G Garry ¹ , PM Murphy ¹ , JQ Quinn ¹ , PT Thornton ¹ . ¹ Haematology, Beaumont Hospital, Dublin.
09.50-10.00	N-LINKED GLYCANS WITHIN THE A2 DOMAIN OF VWF PLAY A CRITICAL ROLE IN MODULATING MACROPHAGE-MEDIATED CLEARANCE Jamie M O’Sullivan ^{1,2} , A Chion ^{1,2} , C Drakeford ^{1,2} , N Dalton ^{1,2} , S Ward ^{1,2} , T Brophy ^{1,2} , JS O’Donnell ^{1,2} . ¹ Irish Centre for Vascular Biology, Royal College of Surgeons, Dublin, ² Haemostasis Research Group, Institute of Molecular Medicine, Trinity College Dublin.
10.00-10.10	O-LINKED SIALYLATION ON HUMAN VWF PLAYS A CRITICAL ROLE IN MODULATING IN VIVO CLEARANCE THROUGH NOVEL MACROPHAGE-MEDIATED PATHWAYS. Sorcha E. Ward ¹ , J M. O’Sullivan ^{1,2} , N Dalton ¹ , C Drakeford ¹ , A Chion ^{1,2} , J S. O’donnell ^{1,2} ¹ Haemostasis Research Group, Trinity College Dublin, Dublin, ² Irish Centre for Vascular Biology, Royal College of Surgeons, Dublin.
10.10-10.20	THE ROLE OF MARROW FIBROSIS IN THE PROGNOSIS AND TREATMENT OF MYELODYSPLASIC SYNDROMES: A SINGLE CENTRE RETROSPECTIVE STUDY Emma M Groarke ¹ , S Maung ¹ , K Ewins ¹ , M Jeffers ² , J McHugh ¹ , R Desmond ¹ , H Enright ¹ ¹ Department of Haematology, Tallaght Hospital, Tallaght, Dublin 24, ² Department of Pathology, Tallaght Hospital, Tallaght, Dublin 24
10.20-10.30	TURNING THE HEAT UP A NOTCH IN BICLONAL LYMPHOPROLIFERATIVE DISORDERS Helen Fogarty ^{1,2} , A Dowling ^{1,2} , D O’Brien ² , CL Bacon ² , P Thornton ³ , B Hennessy ⁴ , H O’Leary ⁵ , G Crotty ⁶ , R Henderson ⁶ , J Nolan ⁵ , E Vandenberghe ^{1,2} , F Quinn ¹ ¹ Department of Cancer Molecular Diagnostics, St. James’s Hospital and Trinity College, Dublin, ² Department of Haematology, St James Hospital and Trinity College, Dublin, ³ Department of Haematology, Beaumont Hospital, Dublin, ⁴ Department of Haematology, Waterford Regional Hospital, Waterford, ⁵ Department of Haematology, University Hospital Limerick, Limerick, ⁶ Department of Haematology, Midlands Regional Hospital, Tullamore.
10.30-11.10	STATE OF THE ART LECTURE - Chairperson: Dr Eibhlin Conneally 'SICKLE CELL DISEASE IN IRISH ADULTS - A NEW CHALLENGE' Dr Emma Tuohy, Consultant Haematologist, St James’s Hospital, Dublin
11.10-11.40	TEA/COFFEE/POSTERS AND MEET THE SPONSORS <i>(All sponsors have supported this meeting through the sponsorship of exhibition space alone and have had no input into the Agenda, speaker selection or content of this meeting)</i>



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11.40-12.25	Session 2: Chairpersons: Dr Jeremy Sargent & Dr Ronan Desmond
11.40-12.25	STATE OF THE ART LECTURE: Introduced by: Dr Ronan Desmond <i>THE EVER CHANGING GENOMIC LANDSCAPE OF ACUTE LYMPHOBLASTIC LEUKAEMIA AND OPPORTUNITIES FOR TARGETED THERAPY</i> Dr Anthony Moorman, Professor of Genetic Epidemiology at the Northern Institute for Cancer Research, Newcastle University
12.25-12.55	HAEMATOLOGY SPECIALIST TRAINING COMMITTEE MEETING – Dr Jeremy Sargent Trainers and Trainee Representatives Welcome
12.25-13.40	LUNCH
13.40-15.05	SESSION 3: Oral Presentations – Chairpersons: Dr Diarmaid O’Donghaile & Dr Gerry Crotty
13.40-13.50	FASTING BLOOD TESTS AND UNNECESSARY HAEMATOLOGY REFERRALS Dawn Swan ¹ , B Hennessy ¹ , E Elhassadi ¹ , S Kumar ¹ , T Walsh ¹ ¹ University Hospital Waterford, Waterford
13.50-14.00	THE BINDING OF VWF AUGMENTS MACROPHAGE TLR (2/4) SIGNALLING – AN EMERGING ROLE FOR VWF IN MACROPHAGE BIOLOGY. Clive Drakeford ^{1,3} , FJ Sheedy ² , S Basdeo ² , A Chion ³ , S Aguila ^{1,3} , J O’Sullivan ³ , S Ward ^{1,3} , N Dalton ¹ , M Lavin ^{1,3} , T Brophy ¹ , J Keane ² , J O’Donnell ^{1,3} ¹ Hemostasis, Trinity College Dublin, Dublin, Ireland ² TB Immunology, Trinity College Dublin, Dublin, Ireland ³ Hemostasis, Royal College of Surgeons, Dublin, Ireland
14.00-14.10	PLATELET VON WILLEBRAND FACTOR LEVELS PROVIDE NOVEL INSIGHTS INTO THE BIOLOGY UNDERLYING QUANTITATIVE VON WILLEBRAND DISEASE. Niall Dalton ^{1,2} , S Aguila ^{2,3} , S Schneppenheim ⁴ , JM O’Sullivan ^{2,3} , NM O’Connell ¹ , K Ryan ¹ , M Byrne ¹ , MM Doyle ¹ , M Nolan ¹ , U Budde ⁴ , P James ⁵ , J Di Paola ⁶ , JS O’Donnell ^{1,2,3} , M Lavin ^{1,2,3} ¹ National Centre for Hereditary Coagulation Disorders, St James’s Hospital, Dublin, ² Haemostasis Research Group, Trinity College Dublin, Dublin, ³ Irish Centre for Vascular Biology, Royal College of Surgeons in Ireland, Dublin, ⁴ MEDILYS Laborgesellschaft mbH, ASKLEPIOS Klinik Altona, Zentrales Labor, Paul-Ehrlich-Strasse 1, 22763 Hamburg, Germany ⁵ Department of Medicine, Queen’s University, Kingston, Ontario, Canada ⁶ Department of Pediatrics and Human Genetics and Genomics Program, University of Colorado, Anschutz Medical Campus, Aurora, Colorado, USA
14.10-14.20	HFE MUTATIONS IN IDIOPATHIC ERYTHROCYTOSIS G BIAGETTI ¹ , NUALA ROBSON ² , MA CATHERWOOD ² , I BERTOZZI ² , E COSI ² , ML RANDI ² , MF MCMULLIN ¹ ¹ Clinica Medica 1, Dept. of Medicine –DIMED, Padova, Italy, ² Haematology, Belfast City Hospital, Belfast, UK
14.20-15.05	STATE OF THE ART LECTURE – Introduced by: Dr Kathryn Boyd <i>“EMERGENCE OF NEW DIAGNOSTICS IN MDS”</i> Dr Catherine Cargo, Consultant Haematologist, St James’s University Hospital, Leeds
15.05-15.35	TEA/COFFEE/POSTERS AND MEET THE SPONSORS <i>(All sponsors have supported this meeting through the sponsorship of exhibition space alone and have had no input into the Agenda, speaker selection or content of this meeting)</i>



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15.35-17.00	PRESIDENT'S SYMPOSIUM – Chairpersons: Dr Eibhlin Conneally & Prof. Mary Cahill
15.35-15.50	<p>MYELOPROLIFERATIVE NEOPLASM PATIENT SYMPTOMBURDEN AND QUALITY OF LIFE: EVIDENCE OF SIGNIFICANT IMPAIRMENT COMPARED TO CONTROLS USING MULTIVARIATE ANALYSIS</p> <p>Lesley A Anderson¹, G James¹, AC Dueck², AS Duncombe³, R Mesa², RM Scherber⁴, HE Kosiorek², F DeVoucht⁵, M Clarke¹, MF McMullin⁶</p> <p>¹Centre for Public Health, Queen's University Belfast, Belfast, UK ²Mayo Clinic Cancer Centre, Mayo Clinic, Scottsdale/Phoenix, USA ³Department of Haematology, University Hospitals Southampton NHS Foundation Trust, Southampton, UK, ⁴Hematology and Oncology, Oregon Health and Sciences University, Portland, USA, ⁵School of Social and Community Medicine, University of Bristol, Bristol, UK ⁶Centre for Cancer Research and Cell Biolog, Queen's University Belfast, Belfast, UK</p>
15.50-16.05	<p>NOVEL INSIGHTS INTO THE CLINICAL PHENOTYPE AND PATHOPHYSIOLOGY UNDERLYING LOW VWF LEVELS: THE LOW VON WILLEBRAND FACTOR IRELAND COHORT (LOVIC) STUDY</p> <p>Michelle Lavin^{1,2,3}, S Aguila^{2,3}, S Schneppenheim⁴, N Dalton^{1,2}, JM O'Sullivan^{2,3}, NM O'Connell¹, K Ryan¹, M Byrne¹, M Rafferty¹, M Nolan¹, U Budde⁴, P James⁵, J Di Paola⁶, JS O'Donnell^{1,2,3}</p> <p>¹National Centre for Hereditary Coagulation Disorders, St James's Hospital, Dublin, ²Haemostasis Research Group, Trinity College Dublin, Dublin, ³Irish Centre for Vascular Biology, Royal College of Surgeons in Ireland, Dublin, ⁴MEDILYS Laborgesellschaft mbH, ASKLEPIOS Klinik Altona, Zentrales Labor, Paul-Ehrlich-Strasse 1, 22763 Hamburg, Germany ⁵Department of Medicine, Queen's University, Kingston, Ontario, Canada ⁶Department of Pediatrics and Human Genetics and Genomics Program, University of Colorado, Anschutz Medical Campus, Aurora, Colorado, USA.</p>
16.05-16.20	<p>MINIMAL RESIDUAL DISEASE (MRD) STATUS IN FCR-TREATED CLL PATIENTS AT THE END OF TREATMENT INFLUENCES PROGRESSION FREE SURVIVAL (PFS): RESULTS OF THE CTrial-IE (ICORG) 07-01/ CLL IRELAND STUDY WITH MUTATIONAL ANALYSIS PROVIDING ADDITIONAL INSIGHT</p> <p>Niamh Appleby¹, F Quinn², D O'Brien³, L Smyth¹, J Kelly⁴, I Parker⁵, K Scott⁵, M Cahill⁶, G Crotty⁷, H Enright⁸, B Hennessy⁹, A Hodgson¹⁰, M Leahy¹¹, H O'Leary¹¹, M O'Dwyer¹², A Hayat¹², E Vandenberghe¹</p> <p>¹Haematology, St James's University Hospital, Dublin 8, ²Cancer Molecular Diagnostics, St James's University Hospital, Dublin 8, ³Immunophenotyping, St James's University Hospital, Dublin 8, ⁴National Centre for Medical Genetics, Our Lady's Children's Hospital Crumlin, Dublin 12, ⁵Haematology, Cork University Hospital, Cork, ⁶Haematology, Midlands Regional Hospital, Tullamore, ⁷Haematology, Adelaide Meath and National Children's Hospital, Tallaght, ⁸Haematology, Waterford Regional Hospital, Waterford, ⁹Haematology, Sligo Regional Hospital, Sligo, ¹⁰Haematology, Limerick University Hospital, Limerick, ¹¹Haematology, University Hospital Galway, Galway</p>
16.20-16.35	<p>COMPLICATIONS ASSOCIATED WITH CENTRAL VENOUS ACCESS DEVICES IN CHILDREN WITH SEVERE HAEMOPHILIA: A 12 YEAR REVIEW</p> <p>Niamh O' Brien¹, B Antao², B Nolan¹, C Ryan³</p> <p>¹Haematology Department, Our Lady's Children's Hospital, Crumlin, Dublin 12, ²Surgical Department, Our Lady's Children's Hospital, Crumlin, Dublin 12, ³Paediatric Department, Cork University Hospital, Cork, Ireland</p>
16.35-16.50	<p>EVALUATION OF METHODS TO MITIGATE THE INTERFERENCE CAUSED BY DARATUMUMAB IN PRE-TRANSFUSION SEROLOGICAL TESTING.</p> <p>Edel Scally¹, J Long¹, B Doyle¹, S NiLoingsigh¹</p> <p>¹Diagnostics Laboratory, Irish Blood Transfusion Service, James's St. Dublin 8.</p>



ANNUAL MEETING PROGRAMME Friday 14th October 2016	
17.00-18.00	LIAM O'CONNELL LECTURE – Introduced by: Dr Dairmaid O'Donghaile “BLOOD TRANSFUSION: PRECISION VERSUS IMPRECISION MEDICINE” Dr Harvey G Klein, Chief, Department of Transfusion Medicine, National Institutes of Health, Bethesda, MD, USA
18.15-19.45	OFFICIAL POSTER VIEWING AND ADJUDICATION
20.00	EVENING DINNER –Radisson Hotel

FRIDAY 14th OCTOBER, 2016

Time: 15.40-17.45 – Earls Suite

Laboratory Science Session

Guest Lecture:

“Molecular Monitoring of CLL”

Dr Mark Catherwood, Belfast City Hospital, Belfast

Time: 18.15-19.45

Poster Board Presentations

(Refreshments and Canapes will be served during the Poster Board Presentation Walkabout and Adjudication)

Time: 19.30

Gala Dinner, Radisson Hotel, Athlone



ANNUAL MEETING PROGRAMME
SATURDAY 15TH OCTOBER 2016

09.00-09.30	ANNUAL GENERAL MEETING – ALL WELCOME
09.30-10.40	Oral Presentations – Chairpersons: Dr Ruth Gilmore & Dr Ronan Desmond
09.30-09.40	ENDOTHELIAL PROTECTIVE PROPERTIES OF LOW MOLECULAR WEIGHT HEPARIN (LMWH) TINZAPARIN IN COMBINATION WITH STATIN: A NOVEL POTENTIAL THERAPEUTIC TOOL IN PREVENTING CANCER METASTASIS? Barry Kevane¹⁻³, K Egan^{1,2}, S Allen^{1,2}, PB Maguire⁴, Á Lennon³, E Neary⁵, F Ní Áinle¹⁻³ ¹ School of Medicine and Medical Science, University College Dublin, Dublin, ² SPHERE Research Group, UCD Conway Institute, Dublin, ³ Haematology, Mater Misericordiae University Hospital, Dublin, ⁴ School of Biomolecular and Biomedical Science, University College Dublin, Dublin, ⁵ Neonatology, Rotunda Hospital, Dublin, Ireland.
09.40-09.50	CLINICAL OUTCOMES IN A COHORT OF HIGH RISK MYELOID MALIGNANCIES TREATED WITH REDUCED INTENSITY CONDITIONED (FLAMSA-BU) ALLOGENEIC STEM CELL TRANSPLANT (ALLO-SCT). Chris Armstrong¹, N Appleby¹, M Ni Chonghaile¹, G Lee², K Haslam³, CM Flynn¹, E Conneally¹. ¹ Dept. of Haematology, St. James' University Hospital, Dublin, ² European Blood and Marrow Transplantation, St. James' University Hospital, Dublin, ³ Cancer Molecular Diagnostics, St. James' University Hospital, Dublin,
09.50-10.00	POTENTIATION OF ANTI-MYELOMA ACTIVITY OF DARATUMUMAB WITH COMBINATION OF CYCLOPHOSPHAMIDE, LENALIDOMIDE OR BORTEZOMIB VIA A TUMOR SECRETORY RESPONSE THAT GREATLY AUGMENTS MACROPHAGE-INDUCED ADCP A Rigalou¹, A Ryan¹, A Natoni¹, C Chiu², K Sasser², Michael O'Dwyer³ ¹ Biosciences, NUI Galway, Galway, Ireland, ² Oncology Heme Translational Research Group, Research and Development, Janssen, Spring House PA, USA, ³ Haematology, NUI Galway, Galway, Ireland
10.00-10.10	GLYCOSYLATION GENE SIGNATURE IN MULTIPLE MYELOMA PREDICTS SURVIVAL AND IDENTIFIES POTENTIAL CANDIDATES FOR TARGETED THERAPY (GiMM13) Caoilfhionn M Connolly¹, J Alokumar², A Natoni¹, ME O'Dwyer¹ ¹ Department of Hematology,, National University of Ireland, Galway, Galway, Ireland ² Insight Centre for Data Analytics, National University of Ireland, Galway, Galway
10.10-10.20	IMPLICATIONS OF INTRODUCING AN ELECTRONIC BLOOD TRANSFUSION SYSTEM Deirdre Gough, C Finucane, J Mc Cabe, AM Mc Cann, D Ó Donghaile ¹ Blood Transfusion Laboratory, St James's Hospital, Dublin
10.20-10.30	CORRELATION OF SEROLOGICAL ANTI-D REACTION STRENGTH BY INDIRECT ANTIGLOBULIN TECHNIQUE TO ANTI-D QUANTITATION LEVEL M Keogh¹, B Doyle¹, S Ni Loingsigh¹ ¹ Diagnostics Laboratory, Irish Blood Transfusion Service, James's St. Dublin 8.
10.30-10.40	DEVELOPMENT OF A NEXT GENERATION SEQUENCING APPROACH TO SIMULTANEOUSLY DETECT THE COMMON MYELOPROLIFERATIVE NEOPLASM-ASSOCIATED MUTATIONS IN JAK2, CALR, AND MPL Thomas Frawley¹, C O'Brien¹, M Percy², E Conneally³, E Vandenberghe^{1,3}, S Langabeer¹, K Haslam^{1,1} ¹ Cancer Molecular Diagnostics, St. James's Hospital, Dublin, Ireland ² Department of Haematology, Belfast City Hospital, Belfast, UK ³ Department of Haematology, St. James's Hospital, Dublin, Ireland
10.40.10.50	THE ROLE OF CLINICAL TRIALS IN REDUCING THE ECONOMIC BURDEN OF HAEMATOLOGICAL MALIGNANCIES Cian McEllistrim¹, J Given², L Broderick², M Byrne³, A Hayat¹, J Krawczyk¹, M Murray¹, R Gilmore¹, M O'Dwyer¹. ¹ Haematology Dept., University Hospital Galway, Galway, ² Pharmacy Dept., University Hospital Galway, Galway, ³ Cancer Trials Ireland, University Hospital Galway, Galway



ANNUAL MEETING PROGRAMME SATURDAY 15TH OCTOBER 2016	
10.50-11.00	A SURVEY OF THE TREATMENT OF THE PREVENTION OF NAIT IN THE UK AND IRELAND Valerie Broderick ¹ , D O'Keeffe ¹ ¹ Department of Haematology, University Hospital Limerick, Limerick
11.00-11.15	TEA/COFFEE AND MEET THE SPONSORS <i>(All sponsors have supported this meeting through the sponsorship of exhibition space alone and have had no input into the Agenda, speaker selection or content of this meeting)</i>
11.15-11.55	STATE OF THE ART LECTURE – Introduced by: Dr Roger Preston “THE CONTACT SYSTEM: CROSSTALK OF COAGULATION AND INFLAMMATION” Thomas Renné, MD, PhD Professor of Clinical Chemistry Department of Molecular Medicine and Surgery Karolinska Institutet and University Hospital Solna, Sweden
11.55-12.10	Fellowship Update – Karl Haslam, 2014 Winner Utility of Targeted Next Generation Sequencing to Identify Clonal Somatic Mutations in Patients with Myelodysplastic Syndromes
12.10-12.55	STATE OF THE ART LECTURE – Introduced by: Dr Eibhlin Conneally “TREATMENT OF B-CELL MALIGNANCIES IN THE AGE OF PRECISION MEDICINES” Professor Martin Dyer, Professor of Haemato-Oncology and Honorary Consultant Physician, Department of Haematology Director of the Ernest and Helen Scott Haematological Research Institute, University of Leicester
12.55-13.00	Prizes and Close of Meeting
13.00-14.30	Lunch and Quiz

SATURDAY 15th OCTOBER, 2016

Time: 08.00 – Earls Suite

Cancer Trials Ireland – Lymphoma & Haematology Group Meeting

Time: 14.30-17.30

**Education Session for SpRs, Registrars & Trainees in
Haematology**