



PROGRAMME FRIDAY 16 OCTOBER 2015

08.00-09.15	Tea/Coffee/Scones/Meet the Sponsors
09.15	Opening of the Annual HAI Meeting – Dr Moulod El-Agnaf, President
09.30-11.15	SESSION 1 – Oral Presentations Chairpersons: Dr Margaret Bowers and Prof. James O'Donnell
09.30-09.40	DELIVERY OF siRNA USING ANTIBODY-TARGETED CYCLODEXTRIN NANOPARTICLES: <i>IN VITRO</i> ANTI-LEUKAEMIA EFFECTS AND <i>IN VIVO</i> PHARMACOKINETICS Jianfeng Guo ¹ , KA Fitzgerald ¹ , EG Russell ² , JP O'Shea ¹ , R Darcy ^{1,3} , TG Cotter ² , BT Griffin ¹ , SL McKenna ⁴ , MR Cahill ⁵ , CM O'Driscoll ¹ ¹ School of Pharmacy, University College Cork, Cork, ² School of Biochemistry and Cell Biology, University College Cork, Cork, ³ Centre for Synthesis and Chemical Biology, University College Dublin, Dublin, ⁴ Cork Cancer Research Centre, University College Cork, Cork, ⁵ Department of Haematology, Cork University Hospital, Cork, Ireland
09.40-09.50	AN AUDIT OF IBRUTINIB USE FOR MANAGEMENT OF CHRONIC LYMPHOCYTIC LEUKAEMIA IN IRELAND Siobhan Glavey ¹ , N Barrett ² , B Hennessy ² , M Cahill ³ , A Fortune ⁴ , H O'Leary ⁵ , D O'Shea ³ , J Sargent ⁶ , J Quinn ¹ , P Murphy ¹ , P Thornton ¹ . ¹ Beaumont Hospital, Dublin, ² Waterford University Hospital, ³ Cork University Hospital ⁴ Mater Misericordiae University Hospital, Dublin, ⁵ University Hospital Limerick, ⁶ Our Lady of Lourdes Hospital, Drogheda
09.50-10.00	MLL-AF4 INDUCTION DURING MURINE ONTOGENY RESULTS IN PROFOUND CHANGES LYMPHOID COLONY FORMING ASSAY OUTPUT FROM THE EARLIEST DEFINITIVE HAEMATOPOEITIC NICHES -WHICH IS SPECIFICALLY TO SENSITIVE THE NOVEL EPIGENETIC THERPEUTIC AGENTS TARGETING IBET AND DOTL1. Neil Barrett ¹ , C Malouf ¹ , C Kapeni ¹ , S Fitch ¹ , K Ottersbach ¹ ¹ Dept Of Haematology, University Of Cambridge, Cambridge, UK
10.00-10.10	THE DUAL PIM/PI3-K INHIBITOR IBL-202 OVERCOMES MICROENVIRONMENTAL MEDIATED RESISTANCE IN MULTIPLE MYELOMA AND PREVENTS PIM1 INDUCED CXCR4 UPREGULATION Mairead Reidy ¹ , M VanDijk ¹ , M O'Neill ² , M O'Dwyer ^{1,3} ¹ Biosciences, National University of Ireland, Galway, Galway, ² , Inflection Biosciences, Dublin, ³ Haematology, University College Hospital, Galway
10.10-10.20	CHRONIC ITP IN CRUMLIN Matthew McGovern ¹ , Corrina McMahon ¹ , Beatrice Nolan ¹ ¹ Haematology Department, Our Lady's Children's Hospital Crumlin, Dublin ¹ Paediatric Haematology, Our Lady's Childrens Hospital Crumlin, Dublin
10.20-10.30	MARKED ELEVATION IN PLASMA OSTEOPROTEGERIN (OPG) CONSTITUTES AN EARLY AND CONSISTENT FEATURE OF CEREBRAL MALARIA Niamh O'Regan ¹ , C Moxon ² , K Gegenbauer ¹ , J O'Sullivan ¹ , O Smith ^{3,4} , A Craig ² , J O'Donnell ^{1,5} ¹ Haemostasis Research Group , Trinity College Dublin, Dublin, ² Department of Parasitology , Liverpool School of Tropical Medicine, Liverpool, UK, ³ National Children's Research Centre Our Lady's Children's Hospital, Our Lady's Children's Hospital, Our Lady's Children's Hospital, Dublin, ⁴ Haematology Dept, Our Lady's Children's Hospital, Dublin, ⁵ National Centre for Hereditary Coagulation Disorders, St James's Hospital , Dublin
10.30-11.10	STATE OF THE ART LECTURE - Chairperson: Dr Diarmaid O'Donghaile "THE SEX DIFFERENCE IN HAEMOGLOBIN LEVELS – MECHANISMS, CAUSES AND CONSEQUENCES" Dr William Murphy, Irish Blood Transfusion Service (IBTS)
11.10-11.40	TEA/COFFEE/POSTERS AND MEET THE SPONSORS



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11.40-12.25	<p>STATE OF THE ART LECTURE: Chairperson: Dr Fionnuala Ni Ainle</p> <p><i>PREVENTING VENOUS THROMBOSIS AND OTHER COMPLICATIONS IN PREGNANCY</i> Dr. Marc Rodger, M.D., FRCP(C), MSc. Professor in the Faculty of Medicine, Departments of Medicine, Epidemiology and Community Medicine and Obstetrics and Gynecology, Ottawa Hospital Research Institute.</p>
12.25-12.45	<p>HAEMATOLOGY SPECIALIST TRAINING COMMITTEE MEETING Trainers and Trainee Representatives Welcome</p>
12.25-13.40	<p>LUNCH</p>
13.40-15.30	<p>SESSION 3: Oral Presentations – Chairpersons: Prof. Mary McMullin & Dr Brian Hennessy</p>
13.40-13.50	<p>IMMUNE-RELATED CONDITIONS AND SUBSEQUENT RISK OF LYMPHOPLASMACYTIC LYMPHOMA/WALDENSTRÖM'S MACROGLOBULINEMIA: A SYSTEMATIC REVIEW AND META-ANALYSIS Charlene M McShane¹, D MacElhatton¹, LA Anderson¹ ¹Centre for Public Health, Queen's University Belfast, Belfast, Northern Ireland</p>
13.50-14.00	<p>APOLIPOPROTEIN A-I ENHANCES PROTEASE-ACTIVATED RECEPTOR 1-DEPENDENT CYTOPROTECTIVE SIGNALING BY ACTIVATED PROTEIN C EM Gleeson¹, L Quinn¹, C Drakeford¹, Roger JS Preston¹ ¹Department of Clinical Medicine, Trinity College Dublin</p>
14.00-14.10	<p>SECOND AUTOLOGOUS TRANSPLANTS FOR MYELOMA AT ST JAMES' HOSPITAL 1998-2005 Emma S Sheehan¹, LC Chapman¹, GL Lee¹, AR Ryan¹, FK King¹, LH Higgins¹, MNC Ni Conghaile¹, MR Ryan⁵, BH Hennessy⁵, MC Cahill⁶, PM Murphy³, JQ Quinn³, PT Thornton³, HE Enright², JM McHugh², POG O'Gorman⁴, LB Bacon¹, CF Flynn¹, EC Conneally¹, PH Hayden¹ ¹Haematology, St James's Hospital, Dublin, ²Haematology, Tallaght Hospital, Dublin, ³Haematology, Beaumont Hospital, Dublin, ⁴Haematology, Mater Hospital, Dublin, ⁵Haematology, Waterford University Hospital, Waterford, ⁶Haematology, CUH Cork</p>
14.10-14.25	<p>HEPARIN INDUCED THROMBOTIC THROMBOCYTOPENIA: THE IMPORTANCE OF CLINICAL INPUT Michelle Lavin¹, M Byrne¹, C Gannon¹, F Holden¹, K Ryan¹, B White¹, NM O'Connell¹, JS O'Donnell¹ ¹National Centre for Hereditary Coagulation Disorders, St. James's Hospital, Dublin</p>
14.25-15.10	<p>STATE OF THE ART LECTURE – Chairperson: Dr Roger Preston</p> <p><i>"HAEMOSTASIS AND NOVEL HAEMOPHILIA THERAPEUTICS"</i> Rodney Camire, Associate Professor of Paediatrics, University of Pennsylvania Perelman School of Medicine, The Children's Hospital of Philadelphia</p>
15.10-15.40	<p>TEA/COFFEE/POSTERS AND MEET THE SPONSORS</p>
15.40-17.00	<p>PRESIDENT'S SYMPOSIUM – Chairpersons: Dr Moulod El-Agnaf & Dr Eibhlin Conneally</p>
15.40-15.55	<p>PLASMIN CLEAVES THE VWF A1 DOMAIN IN A GLYCAN-DEPENDENT MANNER BUT PROTEOLYSIS IS NOT AFFECTED BY VWF ABO BLOOD GROUP ANTIGENS Teresa M Brophy¹, TR McGimsey¹, JM O'Sullivan¹, A Chion¹, JS O'Donnell^{1,2} ¹Haemostasis Research Group, Institute of Molecular Medicine, Trinity College Dublin, ²National Centre for Hereditary Coagulation Disorders, St James's Hospital, Dublin</p>
15.55-16.10	<p>CONCURRENT INHIBITION OF PIM AND AKT PATHWAYS WITH PIM447 AND AFURESERTIB ACTIVATES FOXO3a AND DEPLETES C-MYC TO INDUCE SYNERGISTIC CELL DEATH IN MULTIPLE MYELOMA Niamh Keane¹, M Reidy¹, A Natoni¹, M O'Dwyer¹ ¹Haematology, National University of Ireland Galway, Galway</p>



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16.10-16.25	A NOVEL ROLE FOR VON WILLEBRAND FACTOR GLYCANS IN REGULATING IN VIVO CLEARANCE THROUGH A MACROPHAGE LRP1-RECEPTOR MEDIATED PATHWAY Jamie M O'Sullivan ¹ , A Chion ¹ , SA Martinez ¹ , N O' Regan ¹ , S Ward ¹ , T Brophy ¹ , JS O'Donnell ¹ . ¹ Haemostasis Research Group, Trinity College Dublin, Dublin
16.25-16.40	REGULATION OF L-SELECTIN BY THE TUMOUR MICROENVIRONMENT IN CHRONIC LYMPHOCYTIC LEUKAEMIA Sarah Brophy ¹ , PV Browne ^{1,2} , D O'Brien ² , E Vandenberghe ^{1,2} , AM McElligott ¹ ¹ The John Durkan Leukaemia Laboratories, Institute of Molecular Medicine, Trinity College, Dublin, ² Department of Haematology, St.James's Hospital, Dublin
16.40-16.55	E-SELECTIN LIGAND EXPRESSION INCREASES WITH PROGRESSION OF MYELOMA AND INDUCES DRUG RESISTANCE IN A MURINE TRANSPLANT MODEL, WHICH IS OVERCOME BY THE GLYCOMIMETIC E-SELECTIN ANTAGONIST, GMI-1271 Alessandro Natoni ¹ , T Smith ² , N Keane ¹ , S Locatelli-Hoops ² , I Olivera ² , WE Fogler ² , JL Magnani ² , M O'Dwyer ¹ ¹ Biosciences, National University of Ireland, Galway, ² , GlycoMimetics, Inc., Rockville, MD, US
17.00-18.00	LIAM O'CONNELL LECTURE Chairperson: Dr Eibhlin Conneally <i>"TARGETING GLYCOSYLATION – AN EMERGING NEW THERAPEUTIC APPROACH IN MULTIPLE MYELOMA"</i> Prof. Michael O'Dwyer, NUI, Galway
18.15-19.30	OFFICIAL POSTER VIEWING WITH REFRESHMENTS
20.00	EVENING DINNER – Galway Bay Hotel

FRIDAY 16th OCTOBER, 2015

Time: 14.00-17.30

Laboratory Science Session

Time: 18.15-19.30

Poster Board Presentations

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

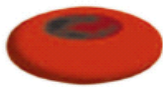
Time: 19.30

Gala Dinner, Galway Bay Hotel



PROGRAMME SATURDAY 17 OCTOBER 2015

ANNUAL MEETING PROGRAMME SATURDAY 17TH OCTOBER 2015	
09.00-09.30	Annual General Meeting – All Welcome
09.30-10.40	Oral Presentations – Chairpersons: Dr Jeremy Hamilton & Dr Diarmaid O’Donghaile
09.30-09.40	<p>CLINICAL CHARACTERISTICS, TREATMENT AND OUTCOMES OF PATIENTS HAVING MYELODYSPLASTIC SYNDROMES (MDS) WITH CHROMOSOME 5q ABNORMALITIES IN THE REPUBLIC OF IRELAND</p> <p>Su Wai Maung^{1,12}, Cian McEllistrim², A Hayat^{2,3}, M Murray², M O’Dwyer^{2,3}, PD Thornton^{4,5,6}, E Groarke⁷, D O’Keeffe⁷, M Leahy⁷, AC Burke⁸, P O’Gorman^{8,9}, J Sargent¹⁰, M McCloy¹⁰, C Weldon¹¹, MR Perera¹¹, G Crotty¹¹, C Burke¹, J McHugh¹, H Enright^{1,12}, R Desmond¹</p> <p>¹Haematology Department, Tallaght Hospital, Dublin 24, ²Haematology Department, University Hospital Galway, ³National University of Ireland, Galway, ⁴Haematology Department, Hermitage Clinic, Dublin, ⁵Haematology Department, Connolly Hospital, Dublin, ⁶Royal College of Surgeons of Ireland, ⁷Haematology Department, University Hospital Limerick, ⁸Haematology Department, Mater Misericordiae University Hospital, Dublin 7, ⁹Dublin City University, Dublin, ¹⁰Haematology Department, Our Lady of Lourdes’s Hospital, Drogheda, ¹¹Haematology Department, Midland Regional Hospital, Tullamore, ¹²Trinity College, University of Dublin, Dublin, Ireland</p>
09.40-09.50	<p>PLATELET-DERIVED BETA THROMBOGLOBULIN: A POTENTIAL NOVEL ACTIVATOR OF COAGULATION FACTOR X</p> <p>Karl Egan¹, H Ma², B Kevane^{1,3,4}, A Lennon⁴, E Neary⁵, S Allen¹, K Wynne⁶, R O’ Kennedy², S O’Shea⁷, F Ní Áinle^{1,3,4}</p> <p>¹School of Medicine and Medical Science, University College Dublin, Dublin, ²School of Biotechnology and Biomedical Diagnostics Institute, Dublin City University, Dublin, Ireland ³Department of Haematology, Rotunda Hospital, Dublin, ⁴Department of Haematology, Mater Misericordiae University Hospital, Dublin, ⁵Department of Neonatology, Rotunda Hospital, Dublin, ⁶Conway Institute of Biomolecular and Biomedical Research, University College Dublin, Dublin, ⁷Department of Haematology, Cork University Hospital, Dublin</p>
09.50-10.00	<p>THE ROLE OF ALLOGENEIC STEM CELL TRANSPLANTATION IN HODGKIN DISEASE</p> <p>Liam Smyth¹, AJ Mackarel¹, E Higgins¹, E Rowan¹, B Hennessy², M Cahill³, D O’ Shea³, H O’ Leary⁴, J McHugh⁵, H Enright⁵, D Finnegan⁶, G Crotty⁷, K Perera⁷, R Flavin¹, PV Browne¹, E Conneally¹, C Flynn¹, P Hayden¹, E Vandenberghe¹, CL Bacon¹</p> <p>¹Haematology, St James’s Hospital, Dublin, ²Haematology, University Hospital Waterford, Waterford, ³Haematology, University Hospital Cork, Cork, ⁴Haematology, University Hospital Limerick, Limerick, ⁵Haematology, AMNCH, Dublin, ⁶Haematology, Belfast City Hospital, Belfast, Northern Ireland, ⁷Haematology, Midlands Regional Hospital, Tullamore, Tullamore, ⁸Haematology, Beaumont Hospital, Dublin, ⁹Haematology, St Vincent’s University Hospital, Dublin</p>
10.00-10.10	<p>INHIBITION OF CULLIN RING LIGASES ABROGATES THE BONE MARROW MICROENVIRONMENT MEDIATED RESISTANCE TO FLT3-ITD AML CELLS</p> <p>Sukhraj Pal Singh Dhami¹, M Reidy¹, M O’Dwyer¹, E Szegezdi¹</p> <p>¹Apoptosis Research Centre, National University of Ireland, Galway</p>



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10.10-10.20	<p>THE NORDIC PROTOCOL FOR MANTLE CELL LYMPHOMA IN ST JAMES'S HOSPITAL 2010-2015 Claire Andrews¹, H Enright², A Fortune³, R Gupta⁴, P Murphy⁵, D O'Mahony⁶, K Perara⁷, E Hayes¹, E Higgins¹, G Lee¹, CL Bacon¹, P Browne¹, E Conneally¹, C Flynn¹, P Hayden¹, E Twohey¹, E Vandenberghe</p> <p>¹Haematology, St. James's Hospital, Dublin, ²Haematology, Tallaght Hospital, Dublin, ³Haematology, Mater Hospital, Dublin, ⁴Haematology, University Hospital, Limerick, Ireland ⁵Haematology, Beaumont Hospital, Dublin, ⁶Haematology, Cork University Hospital, Cork, ⁷Haematology, Midlands Regional Hospital, Tullamore, Co Offaly</p>
10.20-10.30	<p>APPLICATION OF THE US NATIONAL INSTITUTE OF HEALTH (NIH) 2008 GUIDELINES FOR VON WILLEBRAND DISEASE IN A NATIONAL PAEDIATRIC COMPREHENSIVE CARE CENTRE. Irene E Regan¹, A Burke², B Brady², OM Cormack¹, C Fox¹, M Gleeson², M Kavanagh², I Kelly², E McLaughlin², M O'Rourke¹, B Philbin¹, B Nolan²</p> <p>¹Coagulation Department, Our Lady's Children's Hospital Crumlin, ²Haematology Department, Our Lady's Children's Hospital Crumlin, Dublin</p>
10.30-10.40	<p>CURRENT PRACTICE OF HOSPITAL ACQUIRED THROMBOSIS (HAT) PREVENTION IN AN ACUTE HOSPITAL (A SINGLE CENTRE CROSS SECTIONAL STUDY). Muhammad Irfan Khan^{1,2}, C O'Leary¹, MA Hayes¹, P O'Flynn¹, PS Chappell¹, D Kiely-Hinchion¹, A Laurence¹, UA Khan¹, AA Achakzai¹, SA Kaimkhani¹, M McCarthy¹, M Rafferty¹, S Rafferty³, N Khan¹, L Thong¹, D Leamy¹, F Ahern¹, V Silvairi¹, M Shah¹, A O'Flynn³</p> <p>¹Cork University Hospital, Cork University Hospital, Cork, ²Cork Research Facility, University College Cork, Cork, ³University College Cork, University College Cork, Cork</p>
10.40-10.50	<p>ASSESSING THE WASTAGE OF BLOOD CELLS IN HOSPITALS SERVED BY THE MUNSTER REGIONAL TRANSFUSION CENTRE IN 2014 Helen Barrow¹, M Gonzalez¹, N Moore¹, J Szulc¹, J Power¹</p> <p>¹MRTC, IBTS, Cork</p>
10.50-11.10	<p>TEA/COFFEE AND MEET THE SPONSORS</p>
11.10-11.55	<p>STATE OF THE ART LECTURE – Chairperson: Dr Moulod El-Agnaf "COMPLEMENT INHIBITION IN PNH: THE PAST, THE PRESENT AND THE FUTURE" Anita Hill, St James' Institute of Oncology, Leeds Teaching Hospitals</p>
11.55-12.10	<p>Fellowship Update – Lisa Crawford – 2013 Winner INVESTIGATING NEW DRUG TARGETS WITHIN THE UBIQUITIN PROTEASOME SYSTEM IN MULTIPLE MYELOMA L.J. Crawford¹, B. Walker², M. Drake³ and A.E. Irvine¹</p> <p>¹ Centre for Cancer Research and Cell Biology, Queen's University Belfast, ²Department of Pharmacy, Queen's University Belfast, and ³Department of Haematology, Belfast City Hospital, Northern Ireland</p>
12.10-12.55	<p>STATE OF THE ART LECTURE – Chairperson: Dr Eibhlin Conneally "CURRENT PLACE OF STEM CELL TRANSPLANTATION IN ALL" Professor Jan J. Cornelissen, University Medical Centre, Rotterdam</p>
12.55-13.05	<p>Prizes and Close of Meeting</p>
13.05-14.30	<p>Lunch and Quiz</p>