



ANNUAL MEETING PROGRAMME

Friday 12th October 2018

08.00-09.00	Tea/Coffee/Scones/Meet the Sponsors <i>(All sponsors who support this meeting through the sponsorship of exhibition space alone have no input into the Agenda, speaker selection or content of this meeting)</i>
09.00-09.10	Opening of the Annual HAI Meeting – Dr Kathryn Boyd, President
09.10-10.50	SESSION 1 – Oral Presentations 8 x 10 minute Presentations Chairpersons: Dr Kathryn Boyd & Prof. James O'Donnell
09.10-09.20	THE BCNI ENHANCED BLOOD CANCER OUTCOMES REGISTRY (EBCOR) - A COLLABORATION BETWEEN BLOOD CANCER NETWORK IRELAND AND THE NATIONAL CANCER REGISTRY Conan Donnelly¹ , R Mc Morrow ¹ , K Cronin ¹ , K Clough Gorr ¹ , MR Cahill ² ¹ Research, National Cancer Registry Ireland, Cork, ² Haematology, Cork University Hospital, Cork
09.20-09.30	ALLOGENEIC TRANSPLANT FOR ADULTS WITH MYELOYDYSPLASIA: A NATIONAL EXPERIENCE Eileen Ryan¹ , N Keane ¹ , S Langabeer ³ , J Kelly ² , G Lee ¹ , E Conneally ¹ , CM Flynn ¹ ¹ Department of Haematology, St James Hospital, Dublin, ² Centre for Medical Genetics, Our Lady's Hospital for Sick Children, Crumlin, Dublin, ³ Cancer Molecular Diagnostics, Central Pathology Laboratory, St James Hospital, Dublin
09.30-19.40	LOCAL INFLAMMATORY SIGNALS DRIVE ENDOTHELIAL CELL PROTEIN C RECEPTOR EXPRESSION IN MYELOID CELLS TO ENHANCE APC GENERATION AND DIVERSIFY ACTIVATED PROTEIN C SIGNALLING Seán McCluskey^{1,2} , G Hernandez ^{1,2} , O Willis-Fox ^{1,2} , RJS Preston ^{1,2} ¹ Dept of Molecular and Cellular Therapeutics, Royal College of Surgeons in Ireland, Dublin, ² Irish Centre for Vascular Biology, Royal College of Surgeons in Ireland, Dublin
09.40-09.50	THE ROLE OF THE INTERNATIONAL PROGNOSTIC INDEX IN DETERMINING OUTCOMES IN HODGKIN'S LYMPHOMA Marthinus J Dicks , R Flavin, D O'Mahoney, C Grant, E Hayes, F Weldon, G Lee, CL Bacon, C Gilham, E Vandenberghe, ¹ Department of Haematology, St James' Hospital and Trinity College, Dublin
09.50-10.00	PREGNANCY OUTCOMES OF SICKLE CELL DISEASE IN IRELAND: A RETROSPECTIVE COHORT STUDY FROM 2014-2018 Helen Fogarty¹ , C Manning ² , C Regan ² , E Tuohy ¹ ¹ Department of Haematology, St James's Hospital, Dublin ² Department of Obstetrics, Coombe Women and Infants University Hospital, Dublin
10.00-10.10	INTEGRATING NEXT-GENERATION SEQUENCING OF MPL EXON 10 AND JAK2 EXON 12 MUTATIONS INTO THE MOLECULAR DIAGNOSTIC ALGORITHM FOR MYELOPROLIFERATIVE NEOPLASMS Stephen E Langabeer¹ , S Savage ¹ , L Travers ¹ , E Conneally ² , E Vandenberghe ^{1,2} , C O'Brien ¹ ¹ Cancer Molecular Diagnostics, St. James's Hospital, Dublin, Ireland ² Department of Haematology, St. James's Hospital, Dublin, Ireland



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10.10-10.20	<p>SHOULD MYELODYSPLASTIC SYNDROMES IN VERY OLD PATIENTS BE MORE ACTIVELY MANAGED? CLINICAL CHARACTERISTICS, MANAGEMENT AND OUTCOMES FOR PATIENTS ≥85 YEARS</p> <p>Laura McDonald¹, P McCarthy^{2,3}, M Khan⁴, P Hogan¹, E Kelleher⁵, P Murphy⁴, J Quinn⁴, R Desmond¹, J McHugh¹, M Strickland¹, L O'Connell¹, MR Cahill^{2,3}, SW Maung⁶, C Keohane⁷, D O'Neill⁸, D Ryan⁸, V Mykytiv^{2,3}, H Enright¹</p> <p>¹Haematology Department, Tallaght University Hospital, Dublin, ²Haematology Department, Cork University Hospital, Cork, ³University College Cork, Cork ⁴Haematology Department, Beaumont Hospital, Dublin, ⁵Haematology Department, Bon Secours Hospital, Cork, ⁶Haematology Department, Mater Misericordiae, Dublin ⁷Haematology Department, Mercy University Hospital, Cork, ⁸Age-related Medicine Department, Tallaght University Hospital, Dublin</p>
10.20-10.30	<p>THE LOW VWF IRELAND COHORT STUDY – DEFINING OPTIMAL MANAGEMENT FOR PROCEDURES IN PATIENTS WITH LOW VWF (30-50 IU/DL)</p> <p>Dearbhla Doherty¹, A Patel^{1,2}, M Nolan¹, M Byrne¹, S Aguila², K Ryan¹, NM O'Connell¹, M Lavin^{1,2}, JS O'Donnell^{1,2} ¹National Coagulation Centre, St. James's Hospital, Dublin & ²Irish Centre for Vascular Biology, Royal College of Surgeons in Ireland, Dublin 2</p>
10.35-11.05	<p>STATE OF THE ART LECTURE: Introduced by Prof. James O'Donnell</p> <p>NOVEL TARGETS FOR THROMBOLYSIS IN ISCHEMIC STROKE <i>Prof. Simon De Meyer, KU Leuven Kulak, Kortrijk, Belgium</i></p>
11.00-11.30	<p>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></p>
11.30-12.45	<p>Session 2: Chairpersons: Dr Anne Fortune & Dr Irene Regan</p>
11.30-12.00	<p>STATE OF THE ART LECTURE: Introduced by Prof. James O'Donnell</p> <p>NOVEL CONCEPTS IN THROMBOTIC THROMBOCYTOPENIA PURPURA <i>Prof. Karen Vanhoorelbeke, KU Leuven Kulak, Kortrijk, Belgium</i></p>
12.00-12.45	<p>STATE OF THE ART LECTURE – Introduced by: Dr. Kathryn Boyd</p> <p>INITIAL THERAPY OF PATIENTS WITH MULTIPLE MYELOMA <i>Prof. Graham Jackson, Consultant Haematologist, Freeman Hospital, Newcastle</i></p>
12.45-13.45	<p>LUNCH</p>
13.45-15.15	<p>SESSION 3:– Chairpersons: Prof. Mary Francis McMullin and Dr Catherine Flynn</p>
13.45-14.30	<p>STATE OF THE ART LECTURE – Introduced by Dr Irene Regan</p> <p>CURRENT KNOWLEDGE AND THERAPIES IN MYELOFIBROSIS <i>Professor Ciro Rinaldi MD, PhD, Consultant Haematologist United Lincolnshire Hospital NHS Trust</i></p>



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14.30-15.30	6 x 10 Minute Oral Presentations
14.30-14.40	EARLY PREDICTION OF STABLE MR^{4,5} BY ACHIEVEMENT OF 2.8 LOG REDUCTION IN BCR-ABL1 qPCR LEVELS AT 6 MONTHS IN PATIENTS WITH CHRONIC MYELOID LEUKEMIA TREATED WITH FRONTLINE IMATINIB Aisling Nee , JH Lipton, DD Kim ¹ Department of Medical Oncology and Hematology, Princess Margaret Cancer Centre, Toronto, Canada
14.40-14.50	N-LINKED GLYCANS CONTROL VON WILLEBRAND FACTOR HALF-LIFE BY SHIELDING LYSINE RESIDUES FROM MACROPHAGE SCAVENGER RECEPTOR LRP1 Alain Chion¹ , S Aguila ¹ , C Drakeford ^{1,2} , J Fazavana ¹ , S Ward ^{1,2} , J O'Sullivan ¹ , T McKinnon ³ , J O'Donnell ^{1,2} , ¹ Irish Centre for Vascular Biology, Royal College of Surgeons in Ireland, Dublin, ² Haemostasis Research Group, Trinity College Dublin, Dublin, ³ Haematology, Imperial College of London, London, United Kingdom
14.50-15.00	RESPONSE TO TYROSINE KINASE INHIBITOR THERAPY AND POTENTIAL FOR TREATMENT FREE REMISSION IN A REAL WORLD COHORT OF CHRONIC MYELOID LEUKAEMIA PATIENTS Ross R McMullan¹ , C McConville ² , MF McMullin ^{1,3} ¹ Department of Haematology, Belfast City Hospital, Belfast, Northern Ireland ² Department of Haematology, Altnagelvin Hospital, Derry, Northern Ireland ³ Centre for Medical Education, Queen's University Belfast, Belfast, Northern Ireland
15.00-15.10	HDAC INHIBITORS UPREGULATE CD20 EXPRESSION IN CHRONIC LYMPHOCYTIC LEUKAEMIA CELLS AND INCREASE EFFICIENCY OF ANTI-CD20 IMMUNOTHERAPY Sarah Brophy¹ , R O'Brien ¹ , C Hughes ¹ , F Quinn ² , PV Browne ^{1,3} , E Vandenberghe ^{1,3} , AM McElligott ¹ ¹ John Durkan Leukaemia Laboratories, Trinity College, Dublin, ² Cancer Molecular Diagnostics Laboratory, St James's Hospital, Dublin, ³ Department of Haematology, St James's Hospital, Dublin
15.10-15.20	RED CELL ALLOIMMUNISATION IN PATIENTS WITH MYELODYSPLASTIC SYNDROMES: EVIDENCE FOR PROVIDING RHESUS- AND KELL-MATCHED UNITS? Barry MD Mac Donagh , MOB O'BRIEN, HEL Enright, JMH McHugh, RD Desmond, MS Strickland, LOC O'Connell, SR Ryan, NS Strahan, DW Ward, FMG McGrath ¹ Haematology, Tallaght University Hospital, Dublin 24, Ireland
15.20-15.30	ENGINEERED CD38^{L0} NATURAL KILLER CELLS TRANSIENTLY EXPRESSING CD16^{F158V} M-RNA ENHANCES THE THERAPEUTIC POTENTIAL OF DARATUMUMAB AGAINST MULTIPLE MYELOMA WITH MINIMAL SELF-LYSIS OF EFFECTOR NK CELLS Sachin Kumar Singh Chauhan^{1,2} , A Natoni ¹ , J Daly ¹ , R Henderson ¹ , S Sarkar ^{1,2} , M O'Dwyer ^{1,2} ¹ Apoptosis Research Centre, National University of Ireland, Galway, Ireland ² , OnkImmune Ltd, Galway, Ireland
15.30-16.00	TEA/COFFEE/POSTERS AND MEET THE SPONSORS <i>(All sponsors who support this meeting through the sponsorship of exhibition space alone have no input into the Agenda, speaker selection or content of this meeting)</i>



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16.00-16.30	STATE OF THE ART LECTURE – Introduced by: Dr John Quinn NOVEL THERAPEUTICS IN MULTIPLE MYELOMA Dr Siobhan Glavey, Senior Clinical Lecturer, Haematology, RCSI, Dublin
16.30-17.00	STATE OF THE ART LECTURE – Introduced by: Dr Anne Fortune TOWARDS RESPONSE PREDICTION IN CLL Dr Ruth Clifford, Consultant Haematologist, University Hospital, Limerick
17.00-18.15	PRESIDENT’S SYMPOSIUM – Chairpersons: Dr Kathryn Boyd and Prof. James O’Donnell
17.00-17.15	MANAGEMENT OF IRON OVERLOAD IN THE IRISH PAEDIATRIC SICKLE CELL POPULATION Carmel Waldron¹, D Hardiman¹, S Mustafa¹, R Geoghegan¹, H Conroy¹, C McMahon¹ ¹ Paediatric Department, OLCHC, Dublin
17.15-17.30	PLATELETS PREFERENTIALLY BIND TO MYELOMA CELLS EXPRESSING SIALOFUCOSYLATED STRUCTURES AND PROTECT THEM FROM NATURAL KILLER CELL-MEDIATED CYTOTOXICITY Robert Henderson^{1,2}, L Kirkham-McCarthy², D Swan^{1,2}, M O’Dwyer^{1,2}, A Natoni² ¹ Galway University Hospital, National University of Ireland, Galway, Ireland ² Biomedical Sciences, School of Medicine, National University of Ireland Galway, Galway
17.30-17.45	A NOVEL ROLE FOR VON WILLEBRAND FACTOR PROMOTING PRO-INFLAMMATORY RESPONSES IN MACROPHAGES Clive Drakeford^{1,2}, S Aguila², A Chion², E Breen¹, M Cervantes², FJ Sheedy¹, JS O’Donnell^{1,2} ¹ School of Medicine, Trinity College Dublin, Dublin, Ireland ² Irish Centre for Vascular Biology, Royal College of Surgeons, Dublin, Ireland
17.45-18.00	QUALITATIVE ANALYSIS OF FACTORS CONTRIBUTING TO COMMON BLOOD SAMPLING ERRORS IDENTIFIED DURING REAL TIME MENTORING PHASE OF PROFICIENCY BASED PROGRESSION TRAINING IN CORK UNIVERSITY HOSPITAL (CUH)– BARRIERS TO IMPLEMENTATION OF EVIDENCE BASED TRAINING Bojan Macanovic¹, N O’Herlihy¹, MF Ring¹, R Gaffney², AG Gallagher³, MR Cahill^{1,2} ¹ Haematology Department, Cork University Hospital, Wilton, Cork ² School of Medicine, University College Cork, Cork ³ Faculty of Life and Health Sciences, Ulster University Magee Campus, Co. Derry, NI
18.00-18.15	PREVALENCE OF THE DAU ALLELE CONFIRMED BY MOLECULAR RHD GENOTYPING IN PATIENTS WITH SICKLE CELL DISEASE AT OUR LADY’S CHILDREN’S HOSPITAL CRUMLIN (OLCHC) Aine Bruton¹, M Williams¹, C McMahon¹, M Lambert², D O’Donghaile² ¹ Blood Transfusion, Our Lady's Children's Hospital, Crumlin, Dublin 12, Ireland ² Blood Group Genetics, Irish Blood Transfusion Service, Dublin 8, Ireland
18.15-18.25	AGM – ALL WELCOME!
18.25-19.45	OFFICIAL POSTER VIEWING AND ADJUDICATION

Time: 18.25-19.45

Poster Board Presentations

(Poster Board Presentation Walkabout and Adjudication)



ANNUAL MEETING PROGRAMME
SATURDAY 13TH OCTOBER 2018

09.15-10.50	Oral Presentations – Chairpersons: Dr Tony McElligott & Dr Richard McCafferty
09.15-09.30	Novartis Fellowship Update – 2017 Winner Dr Kyle Matchett, QUB, Belfast
09.30-09.40	HOW DOES MONOCLONAL GAMMOPATHY OF UNDETERMINED SIGNIFICANCE (MGUS) AND SMOULDERING MULTIPLE MYELOMA (SMM) AFFECT PATIENTS QUALITY OF LIFE AND PSYCHOSOCIAL HEALTH? B Murphy ¹ , Charlene M McShane ¹ , O Santin ² , M Donnelly ¹ , LA Anderson ¹ ¹ Centre for Public Health, Queen's University Belfast, Belfast ² School of Nursing and Midwifery, Queen's University Belfast, Belfast
09.40-09.50	THE APPLICATION OF A NOVEL NEXT-GENERATION SEQUENCING ASSAY REVEALS THE APPEARANCE OF GENE MUTATIONS, COPY NUMBER VARIANTS AND CHROMOSOMAL ABNORMALITIES IN CHRONIC LYMPHOCYTIC LEUKEMIA Mark Catherwood ¹ , R Morrell ² , E ElHassadi ³ , J Sargent ⁴ , MR Cahill ⁵ , A Hayat ⁶ , S Ni Loingsigh ⁶ , J Krawczyk ⁶ , P Kennedy ⁷ , P Murphy ⁷ , J Quinn ⁷ , KI Mills ⁸ , D Gonzalez ⁸ , P Thornton ⁷ ¹ Haematology, Belfast City Hospital, Belfast, UK, ² Haematology, Letterkenny General Hospital, ³ Haematology, University Hospital Waterford, ⁴ Haematology, Our Lady Of Lourdes Hospital, Drogheda, ⁵ Haematology, Cork University Hospital, ⁶ haematology, University College Hospital, Galway, ⁷ Haematology, Beaumont Hospital, Dublin, ⁸ CCRCB, Queens University Belfast.
09.50-10.00	VON WILLEBRAND FACTOR BINDS TO BREAST CANCER CELLS AND MODULATES TUMOUR CELL MIGRATION IN VITRO Sean Patmore ¹ , SE Ward ¹ , A Chion ¹ , C Drakeford ¹ , S Aguila ¹ , J Fazavana ¹ , JS O'Donnell ^{1,2} , JM O'Sullivan ¹ ¹ Irish Centre for Vascular Biology, Royal College of Surgeons in Ireland, Dublin, ² National Coagulation Centre, St James's Hospital, Dublin, Ireland
10.00-10.10	DEVELOPMENT OF A RAPID, MULTIPLEX PLATFORM FOR THE DETECTION OF DYSREGULATED FIBRINOLYTIC POTENTIAL IN PLASMA Aisling M Rehill ¹ , H Rushe ¹ , S McCluskey ¹ , RJS Preston ¹ ¹ Irish Centre for Vascular Biology, RCSI, Dublin
10.10-10.20	MIXED PHENOTYPE VON WILLEBRAND DISEASE CAUSED BY A NOVEL CYSTEINE VARIANT THAT RESULTS IN BOTH QUALITATIVE AND QUANTITATIVE VON WILLEBRAND FACTOR DEFECTS Orla Rawley ¹ , LL Swystun ¹ , C Brown ¹ , M Rand ² , T Hossain ² , R Klaassen ³ , PD James ¹ , M Carcao ² , DP Lillicap ¹ ¹ Pathology and Molecular Medicine, Queen's University, Kingston, Canada ² Division of Hematology/Oncology, Hospital for Sick Children, Toronto, Canada ³ Division of Hematology/Oncology, CHEO, Ottawa, Canada
10.20-10.30	THE HUNDRED-PERSON PLATELET RELEASATE PROJECT: A 'BARCODE' FOR HUMAN HEALTH AND DISEASE PB Maguire ^{1,2,3} , Paulina B Szklanna ^{1,3} , MEM Parsons ^{1,3} , K Wynne ⁴ , H O'Connor ⁵ , K O'Connell ⁶ , K Egan ^{1,3} , C McGuigan ⁶ , S Rickard ² , F Ni Ainle ^{1,3,5,7,8} ¹ SPHERE Research Group, UCD Conway Institute, Dublin, ² School of Biomolecular and Biomedical Sciences, University College Dublin (UCD), Dublin, ³ Irish Centre for Vascular Biology, Royal College of Surgeons in Ireland, Dublin, ⁴ Conway Institute of Biomolecular and Biomedical Research, UCD, Dublin, ⁵ Haematology and Obstetrics, Rotunda Hospital, Dublin, ⁶ Neurology, St Vincents University Hospital, Dublin, ⁷ Haematology, Mater Misericordiae University Hospital, Dublin, ⁸ School of Medicine, UCD, Dublin, Ireland



ANNUAL MEETING PROGRAMME SATURDAY 13TH OCTOBER 2018	
10.30-10.40	'Update on extended data registration for AML- National Cancer Registry Pilot Programme' - Prof Mary Cahill, Cork University Hospital
10.40-11.05	TEA/COFFEE AND MEET THE SPONSORS <i>(All sponsors who support this meeting through the sponsorship of exhibition space alone have no input into the Agenda, speaker selection or content of this meeting)</i>
11.05-12.05	LIAM O'CONNELL LECTURE - Introduced by: Prof. Mary Cahill WHAT HAVE WE LEARNED FROM 21 YEARS OF HAEMOVIGILANCE IN THE UK? <i>Dr Paula Bolton-Maggs, Medical Director, Serious Hazards of Transfusion, Manchester</i>
12.05-12.50	STATE OF THE ART LECTURE – Introduced by: Dr Kathryn Boyd CURRENT CHALLENGES IN THE MANAGEMENT OF CML Prof. Mhairi Copland, Professor of Translational Haematology and Honorary Consultant Director of the Paul O'Gorman Leukaemia Research Centre and Head of Experimental Haematology, College of Medical, Veterinary and Life Sciences, Institute of Cancer Sciences University of Glasgow
12.50-14.15	Lunch and Quiz

SATURDAY 13th OCTOBER, 2018

Time: 14.30-17.30

Education Session for SpRs, Registrars & Trainees in Haematology

With thanks to our sponsors:

AbbVie Ltd, Accord Healthcare, Alexion, Alnylam Pharmaceuticals, Amgen, Aquilant, Bristol Myers Squibb Pharmaceuticals uc, Caragen, Celgene Ltd, Fannin, Gilead, Incyte, Janssen, Jazz Pharmaceuticals, Leo Pharma, Mallinckrodt Pharmaceuticals, Miltenyi Biotech, MSD, Mundipharma, Novartis, Novo Nordisk, Octapharma, Pfizer, Pfizer Oncology, Roche, Sanofi Genzyme, Shire, Takeda Oncology

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