



ANNUAL MEETING PROGRAMME Friday 14th October 2022, Radisson Hotel, Cork	
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 Feargal McNicholl, President
09.10-10.10	SESSION 1 – Oral Presentations 6 x 10 minute Presentations Chairpersons: Dr Feargal McNicholl and Dr Su Maung
09.10-09.20	IDENTIFYING THE POTENTIAL OF MITOCHONDRIAL RESPIRATION AS A TREATMENT TARGET TO PREVENT AML DRUG RESISTANCE Dr Alessandra Conforte, National University of Ireland, Galway
09.20-09.30	INDUCTION OF MYELOID CELL HYPERCOAGULABILITY IS A MALADAPTIVE CONSEQUENCE OF TRAINED IMMUNITY Dr Aisling Rehill, Royal College of Surgeons in Ireland
09.30-19.40	ESTABLISHING A NATIONAL MYELOID NEXT-GENERATION SEQUENCING (NGS) SERVICE WITHIN THE CANCER MOLECULAR DIAGNOSTICS (CMD) LABORATORY AT ST JAMES'S HOSPITAL Dr Lesley Ann Sutton, St James's Hospital, Ireland
09.40-09.50	PAROXYSMAL NOCTURNAL HAEMOGLOBINURIA ON ECULIZUMAB - THE CONTINUED TRANSFUSION BURDEN FOR SOME PATIENTS NEEDS NEW OPTIONS Dr Fiona Lynott, St James's Hospital, Dublin
09.50-10.00	CHILD AND ADOLESCENT ACUTE MYELOID LEUKAEMIA: IS IT POSSIBLE TO IMPROVE SURVIVAL BY REDUCING RELAPSE WITHOUT INCREASING TOXICITY USING THE MYECHILD 01 PROTOCOL - UPDATE ON THE IRISH COHORT Dr Sophie van der Putten, Children's Health Ireland at Crumlin
10.00-10.10	DOWNREGULATION OF STAT1 MEDIATED INTERFERON SIGNALLING AND MEGAKARYOCYTE RELATED GENES FOLLOWING CRISPR-CAS9 KNOCKOUT OF UBASH3B IN A JAK2 V617F POSITIVE MPN MODEL Dr Graeme Greenfield, Queen's University, Belfast
10.10-10.20	INHERITED BONE MARROW FAILURE SYNDROMES IN THE PAEDIATRIC HAEMATOLOGY SERVICE IN IRELAND Dr Eoghan Dunlea, Children's University Hospital, Temple Street, Dublin
10.20-10.50	STATE OF THE ART LECTURE: Introduced by: Dr Su Maung <i>"Immune Aplastic Anemia: Current Considerations for Diagnosis and Management"</i> Dr Emma Groarke, Hematologist and Assistant Research Physician, Hematology Branch, National Heart, Lung and Blood Institute, National Institutes of Health, USA
10.50-11.20	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>
11.20-13.00	Session 2: Chairpersons: Dr Amjad Hyatt and Dr Kathryn Clarke
11.20-12.00	STATE OF THE ART LECTURE: Introduced by: Dr Kathryn Clarke <i>Novel Therapies in Bleeding Disorders</i> Prof. Robert Sidonio, Emory University School of Medicine, USA

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12.00-12.40	STATE OF THE ART LECTURE – Introduced by: Dr Amjad Hayat <i>“Progress and challenges in precision therapy for diffuse large B cell lymphoma”</i> Prof. John Leonard , Senior Associate Dean for Innovation and Initiatives, Weill Cornell Medicine, New York-Presbyterian
12.40-13.10	AGM – All Welcome!
13.10-14.10	LUNCH
14.10-15.50	SESSION 3:– Chairpersons: Dr Patrick Hayden and Dr Sorcha Ni Loingsigh
14.10-14.20	IDENTIFYING AN EFFECTIVE DRUG COMBINATION IN PAEDIATRIC ACUTE MYELOID LEUKAEMIA THROUGH MULTIPLEX DRUG SCREEN Áine McGill , Queen’s University, Belfast
14.20-14.30	MOTIVATORS AND BARRIERS TO BLOOD DONATION AMONG POTENTIAL DONORS OF AFRICAN AND CAUCASIAN ETHNICITY Dr Helen Fogarty , St James’s Hospital, Dublin and RCSI
14.30-14.40	AN EVALUATION OF THE EXTERNAL VALIDITY OF THE AVERT AND CASSINI TRIALS WITH REGARDS TO THE USE OF PRIMARY THROMBOPROPHYLAXIS IN HIGH RISK AMBULATORY CANCER PATIENTS REFERRED FOR SYSTEMIC ANTICANCER THERAPY Ms Corey Commins , University College Cork
14.40-14.50	ENHANCED VON WILLEBRAND FACTOR CLEARANCE IN LOW VWF PATHOGENESIS - LIMITATIONS OF VWF PROPEPTIDE: ANTIGEN RATIO AND CLINICAL SIGNIFICANCE Dr Dearbhla Doherty , Royal College of Surgeons in Ireland
14.50-15.00	IMMUNE RESPONSE TO VACCINATION AGAINST SARS-CoV-2 IN PATIENTS WITH CLL Ms Lorraine Cavanagh , Pathology Department, University Hospital, Limerick
15.00-15.40	STATE OF THE ART LECTURE – Introduced by: Dr Patrick Hayden CLL, STATE OF THE ART AND FUTURE TRENDS Dr Othman Al-Sawaf , Haematologist and Medical Oncologist at the University Hospital Cologne, Cologne, Germany
15.40-16.00	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>
16.00-17.00	PRESIDENT’S SYMPOSIUM – Chairpersons: Dr Feargal McNicholl and Dr Su Maung
16.00-16.15	TRAIL ENGINEERING ENHANCES EXPANDED CORD BLOOD NK CELL ANTI-LEUKEMIC ACTIVITY Margaret Twohig , National University of Ireland, Galway
16.15-16.30	EPIGENETIC DYSREGULATION PROMOTES CHEMORESISTANCE IN ACUTE LEUKAEMIA THROUGH ALTERED SIGNALLING PATHWAY ACTIVITY Thomas Lefevre , UCD Systems Biology Ireland
16.30-16.45	VON WILLEBRAND FACTOR IN MULTIPLE MYELOMA: ITS ASSOCIATION WITH POORER SURVIVAL AND ROLES IN THE BONE MARROW MICROENVIRONMENT Dr Claire Comerford , Beaumont Hospital, Dublin

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16.45-17.00	BLOOD TRANSFUSION AMELIORATES FREE HAEM-INDEUCED LOSS OF THROMBOMODULIN AND ENDOTHELIAL CELL ACTIVATION IN PAEDIATRIC SICKLE CELL ANAEMIA <i>Dr Helen Fogarty, St James's Hospital, Dublin and RCSI</i>
17.00-18.00	LIAM O'CONNELL LECTURE - Introduced by: Dr Su Maung MDS <i>Prof. Austin Kulasekeraraj, Kings College Hospital, London</i>
18.30-19.45	OFFICIAL POSTER VIEWING AND ADJUDICATION

Time: 18.30-19.45

Poster Board Presentations

(Poster Board Presentation Walkabout and Adjudication)



**ANNUAL MEETING PROGRAMME
SATURDAY 15TH OCTOBER 2022**

09.45-09.55	Opening of Day 2 – Dr Feargal McNicholl, President
09.55-11.05	SESSION 3: Chairpersons: Prof. Mary Cahill and Dr Liam Smyth
09.55-10.05	ADAPTED RISK STRATIFICATION AND INTENSIVE CHEMOTHERAPY ABROGATE THE POOR PROGNOSIS OF PAEDIATRIC B ACUTE LYMPHOBLASTIC LEUKAEMIA WITHINTRACHROMOSOMALAMPLIFICATION OF CHROMOSOME 21 Dr Shauna Harte, CHI Crumlin, Dublin
10.05-10.15	REAL WORLD EXPERIENCE OF PERIOPERATIVE HAEMOSTASIS WITH RECOMBINANT FACTOR VIII FUSION PROTEIN (RFVIIIIFC) IN PEOPLE WITH HAEMOPHILIA A (PWHA) Dr Moninne Murray, St James’s Hospital, Dublin
10.15-10.25	REDUCING INDUCTION DEATHS IN PAEDIATRIC ALL – A SINGLE CENTRE 15 YEAR RETROSPECTIVE REVIEW Dr Aisling Armstrong, Belfast Health and Social Care Trust
10.25-10.35	CHIMERIC ANTIGEN RECEPTOR T CELL THERAPY, A NOVEL THERAPY FOR HIGH-RISK HAEMATOLOGICAL MALIGNANCIES: A SINGLE CENTRE EXPERIENCE Dr Alanna Allen, St James’s Hospital, Dublin
10.35-10.45	PREVALENCE AND SPECIFICITY OF CLINICALLY SIGNIFICANT RED CELL ALLOANTIBODIES IN PREGNANT WOMEN – A STUDY FROM CORK UNIVERSITY HOSPITAL FROM 2020-2021 Dr Michael O’Meara, Cork University Hospital
10.45.10.55	ALLOGENEIC TRANSPLANTATION IS SAFE AND EFFECTIVE IN OLDER PATIENTS WITH MYELOID DISEASE: A 5-YEAR REVIEW OF NATIONAL OUTCOMES IN PATIENTS CONDITIONED WITH REDUCED-INTENSITY FLUDARABINE, BUSULFAN AND ANTI-THYMOCYTE GLOBULIN Dr Chris Armstrong, St James’s Hospital, Dublin
10.55-11.05	RELAPSED/REFRACTORY HODGKIN’S LYMPHOMA TREATED WITH AUTOLOGOUS STEM CELL TRANSPLANTATION; THE 10 YEAR EXPERIENCE AT ST JAMES HOSPITAL Dr Edward Jones, St James’s Hospital, Dublin
11.05-11.30	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>
11.30	Oral Presentations – Chairperson: Dr Aine Burke and Dr Brian Hennessy
11.30-11.40	MULTIPLEX DRUG SCREENING IDENTIFIES A NOVEL THERAPEUTIC BACKBONE FOR THE TREATMENT OF ACUTE MYELOID LEUKAEMIA Dr Lauren Cairns, Queen’s University, Belfast
11.40-11.50	PREGNANCY OUTCOMES IN WOMEN WITH SICKLE CELL DISEASE IN IRELAND: A RETROSPECTIVE REVIEW Eileen Ryan, Irish Blood Transfusion Service/St James’s Hospital, Dublin
11.50-12.00	TARGETING THE E3 LIGASE HUWE1 LEADS TO PARTIAL RE-SENSITISATION OF MYELOMA TO PROTEASOME INHIBITOR Ms Bryony Kennedy, Patrick G Johnston Centre for Cancer Research, Queen’s University, Belfast

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12.00-12.10	HUWE1 MUTATIONS ARE ASSOCIATED WITH INCREASED REPLICATIVE STRESS AND GENOMIC INSTABILITY IN MULTIPLE MYELOMA Dr Jonathan Morgan, Queen's University, Belfast
12.10-12.50	STATE OF THE ART LECTURE: Introduced by: Dr Feargal McNicholl <i>Myeloma – State of the Art</i> Dr Karthik Ramasamy, Oxford University Hospitals
12.50	Close of Conference and Awarding of Educational Awards
13.00	Lunch

SATURDAY 15th OCTOBER, 2022

Time: 14.00-17.00

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