



| <b>ANNUAL MEETING PROGRAMME</b><br><b>Friday 14<sup>th</sup> October 2022, Radisson Hotel, Cork</b> |                                                                                                                                                                                                                                                                                                                                          |
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| 08.00-09.00                                                                                         | <b>Tea/Coffee/Scones/Meet the Sponsors</b><br><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                                                                                         | <b>Opening of the Annual HAI Meeting – Dr Feargal McNicholl, President</b>                                                                                                                                                                                                                                                               |
| 09.10-10.10                                                                                         | <b>SESSION 1 – Oral Presentations 6 x 10 minute Presentations</b><br><b>Chairpersons: Dr Feargal McNicholl and Dr Su Maung</b>                                                                                                                                                                                                           |
| 09.10-09.20                                                                                         | <b>IDENTIFYING THE POTENTIAL OF MITOCHONDRIAL RESPIRATION AS A TREATMENT TARGET TO PREVENT AML DRUG RESISTANCE</b><br><b>Dr Alessandra Conforte, National University of Ireland, Galway</b>                                                                                                                                              |
| 09.20-09.30                                                                                         | <b>INDUCTION OF MYELOID CELL HYPERCOAGULABILITY IS A MALADAPTIVE CONSEQUENCE OF TRAINED IMMUNITY</b><br><b>Dr Aisling Rehill, Royal College of Surgeons in Ireland</b>                                                                                                                                                                   |
| 09.30-09.40                                                                                         | <b>ESTABLISHING A NATIONAL MYELOID NEXT-GENERATION SEQUENCING (NGS) SERVICE WITHIN THE CANCER MOLECULAR DIAGNOSTICS (CMD) LABORATORY AT ST JAMES'S HOSPITAL</b><br><b>Dr Lesley Ann Sutton, St James's Hospital, Ireland</b>                                                                                                             |
| 09.40-09.50                                                                                         | <b>PAROXYSMAL NOCTURNAL HAEMOGLOBINURIA ON ECULIZUMAB - THE CONTINUED TRANSFUSION BURDEN FOR SOME PATIENTS NEEDS NEW OPTIONS</b><br><b>Dr Fiona Lynott, St James's Hospital, Dublin</b>                                                                                                                                                  |
| 09.50-10.00                                                                                         | <b>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</b><br><b>Dr Sophie van der Putten, Children's Health Ireland at Crumlin</b>                                                             |
| 10.00-10.10                                                                                         | <b>DOWNREGULATION OF STAT1 MEDIATED INTERFERON SIGNALLING AND MEGAKARYOCYTE RELATED GENES FOLLOWING CRISPR-CAS9 KNOCKOUT OF UBASH3B IN A JAK2 V617F POSITIVE MPN MODEL</b><br><b>Dr Graeme Greenfield, Queen's University, Belfast</b>                                                                                                   |
| 10.10-10.20                                                                                         | <b>INHERITED BONE MARROW FAILURE SYNDROMES IN THE PAEDIATRIC HAEMATOLOGY SERVICE IN IRELAND</b><br><b>Dr Eoghan Dunlea, Children's University Hospital, Temple Street, Dublin</b>                                                                                                                                                        |
| 10.20-10.50                                                                                         | <b>STATE OF THE ART LECTURE: Introduced by: Dr Su Maung</b><br><br><b><i>"Immune Aplastic Anemia: Current Considerations for Diagnosis and Management"</i></b><br><b>Dr Emma Groarke, Hematologist and Assistant Research Physician, Hematology Branch, National Heart, Lung and Blood Institute, National Institutes of Health, USA</b> |
| 10.50-11.20                                                                                         | <b>TEA/COFFEE/POSTERS AND MEET THE SPONSORS</b><br><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                                                                                         | <b>Session 2: Chairpersons: Dr Amjad Hyatt and Dr Kathryn Clarke</b>                                                                                                                                                                                                                                                                     |
| 11.20-12.00                                                                                         | <b>STATE OF THE ART LECTURE: Introduced by: Dr Kathryn Clarke</b><br><br><b><i>Novel Therapies in Bleeding Disorders</i></b><br><b>Prof. Robert Sidonio, Emory University School of Medicine, USA</b>                                                                                                                                    |

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| 12.00-12.40                                                                                         | STATE OF THE ART LECTURE – Introduced by: Dr Amjad Hayat<br><br><i>“Progress and challenges in precision therapy for diffuse large B cell lymphoma”</i><br><b>Prof. John Leonard</b> , 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<br><b>Áine McGill</b> , Queen’s University, Belfast                                                                                                                          |
| 14.20-14.30                                                                                         | MOTIVATORS AND BARRIERS TO BLOOD DONATION AMONG POTENTIAL DONORS OF AFRICAN AND CAUCASIAN ETHNICITY<br><b>Dr Helen Fogarty</b> , 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<br><b>Ms Corey Commings</b> , 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<br><b>Dr Dearbhla Doherty</b> , Royal College of Surgeons in Ireland                                                                             |
| 14.50-15.00                                                                                         | IMMUNE RESPONSE TO VACCINATION AGAINST SARS-CoV-2 IN PATIENTS WITH CLL<br><b>Ms Lorraine Cavanagh</b> , Pathology Department, University Hospital, Limerick                                                                                                                                |
| 15.00-15.40                                                                                         | STATE OF THE ART LECTURE – Introduced by: Dr Patrick Hayden<br><br><b>CLL, STATE OF THE ART AND FUTURE TRENDS</b><br><b>Dr Othman Al-Sawaf</b> , Haematologist and Medical Oncologist at the University Hospital Cologne, Cologne, Germany                                                 |
| 15.40-16.00                                                                                         | TEA/COFFEE/POSTERS AND MEET THE SPONSORS<br><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<br><b>Margaret Twohig</b> , National University of Ireland, Galway                                                                                                                                           |
| 16.15-16.30                                                                                         | EPIGENETIC DYSREGULATION PROMOTES CHEMORESISTANCE IN ACUTE LEUKAEMIA THROUGH ALTERED SIGNALLING PATHWAY ACTIVITY<br><b>Thomas Lefevre</b> , 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<br><b>Dr Claire Comerford</b> , Beaumont Hospital, Dublin                                                                                                    |

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| 16.45-17.00                                                                                         | <b>BLOOD TRANSFUSION AMELIORATES FREE HAEM-INDUCED LOSS OF THROMBOMODULIN AND ENDOTHELIAL CELL ACTIVATION IN PAEDIATRIC SICKLE CELL ANAEMIA</b><br>Dr Helen Fogarty, St James's Hospital, Dublin and RCSI                                                                                     |
| 17.00-18.00                                                                                         | <b>LIAM O'CONNELL LECTURE - Introduced by: Dr Su Maung</b><br><br><i>MDS advances - from biology to therapeutics</i><br><b>Dr. Austin Kulasekararaj</b> , Consultant Haematologist<br>King's College Hospital, London<br>Honorary Senior Clinical Lecturer, King's College London, London, UK |
| 18.30-19.45                                                                                         | <b>OFFICIAL POSTER VIEWING AND ADJUDICATION</b>                                                                                                                                                                                                                                               |
| 19.45                                                                                               | Conference Dinner                                                                                                                                                                                                                                                                             |

**Time: 18.30-19.45**

## **Poster Board Presentations**

**(Poster Board Presentation Walkabout and Adjudication)**



**ANNUAL MEETING PROGRAMME**  
**SATURDAY 15<sup>TH</sup> 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<br>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 (PWA)<br>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<br>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<br>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<br>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<br>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<br>Dr Edward Jones, St James's Hospital, Dublin                                                                                             |
| 11.05-11.30 | TEA/COFFEE AND MEET THE SPONSORS<br><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<br>Dr Lauren Cairns, Queen's University, Belfast                                                                                                                    |
| 11.40-11.50 | PREGNANCY OUTCOMES IN WOMEN WITH SICKLE CELL DISEASE IN IRELAND: A RETROSPECTIVE REVIEW<br>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<br>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<br>Dr Jonathan Morgan, Queen's University, Belfast |
| 12.10-12.50                                                                     | STATE OF THE ART LECTURE: Introduced by: Dr Feargal McNicholl<br><br><i>Myeloma – State of the Art</i><br>Dr Karthik Ramasamy, Oxford University Hospitals      |
| 12.50                                                                           | Close of Conference and Awarding of Educational Awards                                                                                                          |
| 13.00                                                                           | Lunch                                                                                                                                                           |

## **SATURDAY 15<sup>th</sup> OCTOBER, 2022**

**Time: 14.00-15.30 – Glandore Suite**

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

“Breaking bad news, maintaining energy and understanding  
your emotional battery”

Barry McLoughlin, Senior Consultant & Head of Client  
Engagement, The Communications Clinic