

POSTERS

All posters will be on display in the Exhibition area - meeting room Alexandra - from Thursday 19 September until Saturday 21 September up to and including the lunch break.

Presenters have been asked to be present by their posters for discussion with delegates during the morning coffee breaks, and second half of the lunch breaks.

The best poster abstracts are also scheduled as **Poster Flash Presentation (PFP)** in one of the OPP-sessions on Thursday, Friday and Saturday.

POSTER TITLES AND PRESENTING AUTHORS

Here below you will find an overview of the poster titles and presenting authors, grouped by cluster.

Please note:

- Only the **presenting authors** are mentioned. For the full author and co-author details, please consult the online abstract book.
- The poster number is the same as the poster board number.

ADVANCES IN CYTOMETRY (ADV)

ADV-01

Evaluation of automated LST preparation compared to manual procedure

Hiep phuc Dong

Oslo University Hospital, Oslo, Norway

ADV-02

Standardized and Streamlined QC for ClearLLab 10C Application

Jin Zhang

Beckman Coulter, Miami, U.S.A.

ADV-03

Detection of minimal residual disease in chronic lymphocytic leukemia using t-SNE

Felipe Magalhaes Furtado

Sabin Medicina Diagnostica, Brasilia, Brazil

ADV-04

Flow cytometric determination of a modified DNA base 5-hydroxymethyluracil at single-cell level as a new valuable research and diagnostic tool

Lidia Gackowska

Nicolaus Copernicus University in Torun, Collegium Medicum, Bydgoszcz, Poland

ADV-05

Flow cytometric assessment of Reactive Oxygen Species in MDS hematopoietic stem and progenitor cells

Thea Bensi

Santi Antonio e Biagio e Cesare Arrigo Hospital, Alessandria, Italy

ADV-06**Analysis of novel AML immunophenotypic markers using a 12 color panel on BD FACSLyric**

Olga Weinberg

Boston Children's Hospital, Newton center, U.S.A.

ADV-07**Development of a dried-down, multicolor reagent solution for enhanced flow-cytometric applications**

Elena Afonina

BD Biosciences, San jose, U.S.A.

ADV-08**IL7 receptor (CD127) expression on blast cells in patients with Acute leukemia**

Ekaterina Zakharko

National Research center for Hematology, Moscow, Russian Federation

ADV-09**Quality control for procedure of laboratory developed testing workflow**

Motoi Kinishi

Sysmex Corporation, Kobe, Japan

ADV-10**Bright SuperNova V428 Polymer dye for flow cytometry applications**

Sergei Gulnic

Beckman Coulter, Inc., Miami, United States of America

ADV-11**Flow cytometric analysis of SuperNova V428 polymer dye conjugates**

Sergei Gulnic

Beckman Coulter, Inc., Miami, United States of America

ADV-12**Evaluation of BD OneFlow™ reagents on BD FACSLyric™ to BD FACSCanto™II system for immunophenotyping of leukemia and lymphoma**

Ahsan Iqbal

BD Biosciences, San jose, U.S.A.

ADV-13**8 color EuroFlow panels standardization towards BD FACSMelody Cell Sorter**

Maria Ines Goldaracena

Becton Dickinson, Buenos aires, Argentina

ADV-14**Precision Evaluation of the BD OneFlow™ Tubes on the BD FACSLyric™**

Ahsan Iqbal

BD Biosciences, San Jose, U.S.A.

ADV-15**The significance of detection of immunophenotypic aberrances in patients with AML t(8;21) with low blast cell count**

Valentina Dvirnyk

National Research center for Hematology, Moscow, Russian Federation

ADV-16**Challenges and Advances in Evaluation of Vitreous Humor by Flow Cytometry**

Rodrigo Barroso

Hospital Israelita Albert Einstein, São Paulo, Brazil

ADV-17**EuroFlow-guided comparative evaluation of technical features and performance of newly-available high-end cytometers for leukocyte immunophenotyping**

Fenna de Bie

Leiden University Medical Center, Leiden, Netherlands

ADV-18**Factors influencing kappa/lambda identification by flow cytometry**

Matheus Vescovi Goncalves

Fleury Group, São paulo, Brazil

ADV-19**Automation of workflow in a clinical laboratory: Integration of Pre-analytical set-up using the BDFACSDuet™ and analysis on the BDFACSLyric™ cytometer**

Chris Scott

Barts Health NHS Trust, London, United Kingdom

ADV-20**Multicenter validation of clinically relevant acute myeloid leukemic stem cell flow cytometric analyses**

Diana Hanekamp

Amsterdam UMC, location VUmc, Amsterdam, Netherlands

ADV-21**Association of t(8;21) Acute Myeloid Leukemia and Systemic Mastocytosis: is it just a chance?**

Maria Matilde Ciriello

Santi Antonio e Biagio e C. Arrigo Hospital, Alessandria, Italy

ADV-22**Demonstration of Equivalence between OneFlow-specific tube settings on the BD FACSLyric™ compared to OneFlow setup on the BD FACSCanto II™**

Barry Emerson

BD Research Centre Ireland, Limerick, Republic of Ireland

ADV-23**The importance of Flow Cytometry in the advancement of translational science**

Laura G. Rico

Josep Carreras Leukaemia Research Institute, Badalona, Spain

HEMATOLOGY-ONCOLOGY (HEM)**HEM-01****Clinical features, Laboratory Characteristics, and Response to Therapy in Patients with Acute Undifferentiated Leukemia**

Ilana Slouzkey

Rambam medical center, Haifa, Israel

HEM-02**MRD detection in Mantle cell Lymphoma using multicolour Flow cytometry in a clinical Laboratory setting**

David O'Brien

St James's Hospital, Dublin, Republic of Ireland

HEM-03

IDENTIFICATION OF HIGH RISK IMMUNOPHENOTYPIC PROFILE CORRELATING WITH PRIMARY INDUCTION FAILURE, SHORTER OVERALL AND DISEASE-FREE SURVIVAL IN NPM1-MUTATED AML

Sara Bencini

Flow Cytometry and Immunotherapy Diagnostic Center, AOU-Careggi, Florence, Italy

HEM-04

Hepatosplenic T cell Lymphoma. Role of flow cytometric immunophenotyping

Khaliquur Rahman

SGPGIMS, Lucknow, India

HEM-05

Validation of a 10-color 21-monoclonal antibody screening panel for multi-parametric diagnostic Immunophenotyping

Erik Huys

Radboud University Medical Center, Nijmegen, Netherlands

HEM-06

Comparison of anti-Kappa and Lambda light chains antibodies from Dako and Beckman Coulter

Lucille Lasalle

BIOCYTEX, Marseille, France

HEM-07

Acute myeloid leukemia with 3q26/MECOM (EVI1) gene rearrangement displays distinct immunophenotypic profiles with frequent CD7 expression and absent myeloperoxidase

Lin Pei

University of Texas-MD Anderson Cancer Center, Houston, U.S.A.

HEM-08

A case of CD56 negative blastic plasmacytoid dendritic cell neoplasm

Tadej Furlan

University medical centre Ljubljana, Ljubljana, Slovenia

HEM-09

Radar plots facilitate quick evaluation of the lymphoid cell compartment using 10-color 15-antibody panel

Filippa Bild

Region Skåne, Laboratory medicine, Lund, Sweden

HEM-10

Eosinophilia and flow cytometry (FC) related studies: a Spanish multicentre experience

Ana Yeguas

UNIVERSITY HOSPITAL OF SALAMANCA, Salamanca, Spain

HEM-11

Flow cytometry challenge for measurable residual disease (MRD) monitoring in B-acute lymphoblastic leukemia (B-ALL) patients receiving targeted immunotherapy (TI)

Ana Yeguas

UNIVERSITY HOSPITAL OF SALAMANCA, Salamanca, Spain

HEM-12

Optimization and evaluation of a 10-color antibody panel for flow cytometric immunophenotyping of B-cell lymphomas

Simon Bucek

Institute of Oncology Ljubljana, Ljubljana, Slovenia

HEM-13**Immunophenotyping of UK NEQAS PCM Samples Using a One-tube 12-color Antibody Panel on the BD FACSLyric™**

Yang Zeng

BD Life Sciences, San Jose, U.S.A.

HEM-14**Analysis of content of 5-hydroxymethyluracil - potential specific biomarker of leukemic cells in patients with chronic lymphocytic leukemia**

Anna Labejszo

Nicolaus Copernicus University in Torun, Collegium Medicum in Bydgoszcz, Bydgoszcz, Poland

HEM-15**Metastatic lobular carcinoma of the Breast presenting as myeloma - a potential pitfall in CD138 immunoreactivity in non-haemopoietic disease**

Timothy Milne

Barts Health NHS Trust, London, United Kingdom

HEM-16**Ambiguous immunophenotypic data in Burkitt lymphoma: rare cases of discrepancies in diagnostics**

Irina Demina

Dmitry Rogachev Center of Pediatric Hematology, Oncology and Immunology, Moscow, Russian Federation

HEM-17**CD5 Positive Diffuse Large B Cell Lymphoma: Immunophenotypic, Clinical, and Pathological Findings**

Sharathkumar Bhagavathi

University of Iowa, Iowa City, U.S.A.

HEM-18**Wide panel screening for new useful markers for MRD monitoring in pediatric BCP-ALL**

Jan Kulis

Medical University of Silesia, Zabrze, Poland

HEM-19**Patients with hematogones after allogeneic stem cell transplantation for acute lymphoblastic leukemia show reduced GvHD severity and improved overall survival**

Vasiliki Douka

G. PAPANICOLAOU HOSPITAL, Thessaloniki, Greece

HEM-20**PTCL-NOS with leukemic presentation resembling Sézary syndrome: a case report**

Vasiliki Douka

G. PAPANICOLAOU HOSPITAL, Thessaloniki, Greece

HEM-21**Factors determining whether diffuse large B cell lymphoma samples are detected by flow cytometry**

William Sewell

Garvan Institute, Darlinghurst NSW, Australia

HEM-22**Evaluation of myelodysplastic syndromes by flow cytometry. Experience of a center**

Lucía Fernández Rocca

Maciel Hospital, Montevideo, Uruguay

HEM-23

Comparative study between BD OneFlow™ PCST/PCD dry tubes and liquid reagent panel for plasma cell neoplasm immunophenotyping

Maria Ines Goldaracena
BECTON DICKINSON, Cajica, Colombia

HEM-24

Fluorescent Activated Cell Sorting application for oncohematology laboratory

Maria Ines Goldaracena
Becton Dickinson, Buenos aires, Argentina

HEM-25

Immunophenotypic characteristics of mast cells in mastocytosis. Clinical cases report

Valentina Dvirnyk
National Research center for Hematology, Moscow, Russian Federation

HEM-26

Comparative evaluation of mast cell detection methods in the bone marrow of patients with myelodysplastic syndromes

Zsuzsanna Hevessy
University of Debrecen, Faculty of Medicine, Debrecen, Hungary

HEM-27

Assessment of BAFF-receptors' expression in the peripheral B cell compartment by flow cytometry: Implications for anti-BAFF/ BAFF-R immunotherapy

Mihaela Zlei
Leiden University Medical Center, Leiden, Netherlands

HEM-28

Intra-operator and inter-operator variability in flow cytometry-derived data analysis: Implications for translation of research into clinical practice

Alita van der Sluijs-Gelling
Leiden University Medical Center, Leiden, Netherlands

HEM-29

Multiple myeloma minimal residual disease detection in stem cell apheresis product

Felipe Magalhaes Furtado
Sabin Medicina Diagnostica, Brasilia, Brazil

HEM-30

Fully automated sample processing for assessment of Multiple Myeloma and Acute Myeloid Leukaemia Minimal Residual Disease

Alan Dunlop
Viapath, London, United Kingdom

HEM-31

Monoclonal antibodies against intracellular CD20 epitopes may improve the identification of B cells-subsets by flow cytometry in Rituximab treated patients

Sandra de Bruin-Versteeg
Leiden University Medical Center, Leiden, Netherlands

HEM-32

Immunophenotyping features in specific genetic subgroups with FLT3-ITD and NPM1 mutations in acute myeloid leukemias

Horia Bumbea
University of Medicine and Pharmacy Carol Davila, Bucharest, Romania

HEM-33**Deletion of 17p in CLL is associated with overexpression of galectin-3**

Marek Sarisky

Faculty of Medicine, P.J. Safarik University, Kosice, Slovak Republic

HEM-34**Evaluation of sample quality as a preanalytical error in flow cytometry analysis**

Eszter Szantho

University of Debrecen, Debrecen, Hungary

HEM-35**Candidate White Cell Counting (WCC) Reference Method by Flow Cytometry**

Vuong Nguyen

Peter MacCallum Cancer Centre, Melbourne, Australia

HEM-36**Biphenotypic leukemic B-cell chronic lymphoproliferative disorders: report from a single Hellenic tertiary hospital**

Evdoxia Gounari

AHEPA University Hospital, Thessaloniki, Greece

HEM-37**Using endothelial colony-forming cells as a non-invasive tool for assessing the anti-angiogenic and anti-proliferative effect on RNA Helicase inhibition**

Silvia Della Bella

University of Milan - Humanitas Clinical and Research Center, Milan, Italy

HEM-38**Curcumin reverses multidrug resistance in Chronic Lymphocytic Leukemia cell models in combination with antileukemic drugs**

Laura G. Rico

Josep Carreras Leukaemia Research Institute, Badalona, Spain

IMMUNOLOGY (IMM)**IMM-01****Altered immunophenotype of peripheral blood dendritic cells in patients with cardiomyopathy**

Malgorzata Wiese-Szadkowska

Nicolaus Copernicus University Collegium Medicum, Bydgoszcz, Poland

IMM-02**Flow cytometry role in diagnostics of inherited platelet function disorders - Wiskott-Aldrich syndrome case report**

Mantas Radzevicius

Vilnius University, Vilnius, Lithuania

IMM-03**Freezing Blood Samples for Deferred Immunophenotyping**

James Thompson

Cytomark Ltd, Buckingham, United Kingdom

IMM-04**Validating the use of TransFix to stabilise CSF for flow cytometry immunophenotyping of haematological malignancies**

Tim Almond

Caltag Medsystems, Buckingham, United Kingdom

IMM-05**Infliximab regulates circulating regulatory B cells and dendritic cells expressing CD200 in children with Crohn's disease**

Anna Helmin-Basa

Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Torun, Bydgoszcz, Poland

IMM-06**Suppressed immune profile in children with type 1 diabetes in combination with celiac disease**

Andrea Tompa

School of Health and Welfare, Jönköping, Sweden

IMM-07**Detection of antigen-specific CD4+ T cells by flow cytometry using a whole blood assay**

Rik Brooimans

Erasmus MC, Rotterdam, Netherlands

IMM-08**Myeloid-derived suppressor cells and cancer: identification and quantification in peripheral blood samples**

Carlos Palmeira

IpoPO-Porto, Porto, Portugal

IMM-09**Increased CD27+ Memory B-Cells in Poor Responder Rheumatoid Arthritis Patients Treated with Rituximab**

Arianna Gatti

Hematology Laboratory and Transfusion Center, Legnano (milano), Italy

IMM-10**Degranulation of NK cells as an additional laboratory assay in the diagnostics of patients with mutations in PSTPIP1 gene**

Dmitry Pershin

D. Rogachev NMRCPHOI, Moscow, Russian Federation

IMM-11**Specific pattern of SAP protein expression in patients with autoimmune lymphoproliferative syndrome (ALPS)**

Elena Kulakovskaya

D. Rogachev NMRCPHOI, Moscow, Russian Federation

IMM-12**Wiskott-Aldrich syndrome (WAS) protein (WASP) expression measured by flow cytometry correlates with clinical severity in Wiskott-Aldrich syndrome patients**

Oyuna Lodoeva

D. Rogachev NMRCPHOI, Moscow, Russian Federation

IMM-13**Flow Cytometric Study of Natural Killer Cell Function in Patients with Idic15 Syndrome**

Mar Felipe-Benavent (*this poster will be presented by Enrique O'Connor on behalf of the presenter*)

Centro de Investigación Príncipe Felipe, Valencia, Spain

IMM-14**Multiplexed Analysis of Biomarkers of Endothelial Activation and Inflammation in Patients with Idic15 Syndrome**

Mar Felipo-Benavent *(this poster will be presented by Enrique O'Connor on behalf of the presenter)*
Centro de Investigación Príncipe Felipe, Valencia, Spain

IMM-15**Immunophenotypic characterization of peripheral blood dendritic cell subsets in patients with myelodysplastic syndromes**

Silvia Della Bella
University of Milan - Humanitas Clinical and Research Center, Milan, Italy

MISCELLANEOUS (MISC)

MISC-01**Immunophenotyping using t-SNE Analysis with four ClearLLab 10C Panels**

Jin Zhang
Beckman Coulter, Miami, U.S.A.

MISC-02**Performance Evaluation of the BD FACSDuet integrated to BD FACSLyric™ System* using human specimens**

Imelda Omana-Zapata
BD Biosciences, San jose, U.S.A.

MISC-03**Surface expression of P-glycoprotein during chondrogenic differentiation of human placenta-derived mesenchymal stem cells**

Sang -Gyung Kim
Daegu Catholic University, School of Medicine, Daegu, South-Korea

MISC-04**The effect of TNF-a on diabetic dendritic cells derived from bone marrow. An in vivo study**

Luisa Sambado
Cà Foncello Hospital Treviso, Treviso, Italy

MISC-05**Validation of CD34+ stem cell enumeration with the BD SCE kit on two BD FACSLyric Analyzers**

Andela Zic
University Hospital Halle, Halle (saale), Germany

MISC-06**Proficiency testing of Paroxysmal Nocturnal Haemoglobinuria (PNH) using electronic data files**

Liam Whitby
Sheffield Teaching Hospitals, Sheffield, United Kingdom

MISC-07**IVDR: a new era for in-vitro diagnostic medical devices**

Laura Nieto
Beckman Coulter, Marseille, France

MISC-08**Identical clinical performance of the Fetal Cell Count™ kit version IV and III for quantification of Fetomaternal Hemorrhage**

Kornelis Meijer

University Medical Center Groningen, Groningen, Netherlands

MISC-09

Comparison of cell counting methods: Standard Hematology Analyzer versus Volumetric Cell Counting Flow Cytometry

Rodigo Barroso

Hospital das Clínicas FMUSP, São Paulo, Brazil

MISC-10

6-(Methylsulfonyl) hexyl isothiocyanate induce autophagy in leukemia cell lines

Veronica Cocchi

Alma Mater Studiorum-University of Bologna, Bologna, Italy

MISC-11

Flow Cytometry Functional Assays in the Sarasota Dolphin Health Assessment Project

Enrique O'Connor

Centro de Investigación Príncipe Felipe, Valencia, Spain

MISC-12

Comparison of an image-based fluorescence cell counter for CD34+ cells quantification with flow cytometry single platform assay

Lejla Kuric

University Hospital Centre Zagreb, Zagreb, Croatia

MISC-13

Lethal and sub-lethal effects induced by Campylobacter jejuni lysates on CaCo-2 cells

Mariele Montanari

University of Urbino Carlo Bo, Urbino, Ita, Urbino, Italy