ESCCA 2024 - POSTER OVERVIEW

in alphabetical order of the presenter's name

Poster #	Family name	First name	Title
HEM-01	Stancikova	Jitka	Auer rod positive acute leukemia with predominantly lymphoid immunophenotype: Report on 11 cases
HEM-02	Radzevicius	Mantas	The diagnostic significance of serum oligoclonal bands in patients with multiple myeloma after autologous hematopoietic stem cell transplantation
HEM-03	Barna	Gábor	CD49f, a useful marker for the detection of MRD and prognosis in Pediatric B-ALL
HEM-04	Simleit	Erin	Clonal expansions of gamma delta T-cells in blood: identifying the wolf among the sheep
HEM-05	Pacelli	Paola	Role of circulating CD26+ Leukemia Stem Cells at diagnosis in Chronic Myeloid Leukemia patients: results of the prospective FLOWERS study
HEM-06	Pacelli	Paola	Leukemic Stem Cells flow-cytometry identification in AML and MDS patients: an innovative and personalized biomarker of prognosis and progression
HEM-07	Terra	Rafik	Improved identification of clinically relevant Acute Leukemia subtypes using standardized EuroFlow panels versus non-standardized approach
HEM-08	Maciel	Felipe	Measurable residual disease detected in peripheral blood as an initial clue to isolated extramedullary relapsed of B-ALL
HEM-09	Allehyani	Omar	Exploring the Role of Flow Cytometry in Hodgkin's Lymphoma Diagnosis: Insights into the Reactive Lymphoid Background
HEM-10	Sapia	Sandra	AML with CBFA2T3::GLIS2 fusion: A pediatric acute myeloid leukemia with a poor prognosis and a signature ("RAM") immunophenotype
HEM-11	López	Rocío	Immunophenotyping of carcinomatous effusions: any clue for primary site malignancy?
HEM-12	Bacova	Barbora	Mucosal-associated invariant T (MAIT) cells are severly depleted and express activated-exhausted phenotype in treatment-naïve haematological malignancies
HEM-13	Moura	Joao	Detecting small malignant B-cell populations in the blood and bone marrow using machine learning
HEM-14	Kappelmayer	János	A flow cytometric method to identify dual agonist-activated human platelets: an appropriate tool for detecting both platelet impairment and activation
HEM-15	Cas Slak	Teja	Populations of tumor and immune cells in diffuse large B-cell lymphoma
HEM-16	Leoz	Pilar	Automated expert-independent classification of acute myeloid leukemia with neutrophil-lineage differentiation using standardized flow cytometry: a EuroFlow study
HEM-17	Tarfi	Sihem	Partitioning of circulating monocyte subsets in Immune thrombocytopenia
HEM-18	Diemel	Maja	AQUIOS STEM System, a new automated flow cytometry method for CD34+ hematopoietic stem and progenitor cell enumeration and analysis
HEM-19	Kotsiafti	Angeliki	Aggressive T-cell Large Granular Lymphocytic Leukemia with an unusual double-negative CD4- CD8- TCRαβ+ immunophenotype
HEM-20	Kotsiafti	Angeliki	BCL2, TCL1 and FLAER hierarchical expression in CD34++/CD38–, CD34+/CD38+ stem and other progenitors, in normal and leukemic marrow samples
HEM-21	Marinato	Andre	Impact of Clonal Distribution in PNH Evaluation by Flow Cytometry: A Large-Scale Study
HEM-22	Vavrova	Adela	Tmaps: Novel surface markers evaluation for minimal residual disease monitoring of pediatric T-cell acute lymphoblastic leukemia cells
HEM-23	Wang	Yu-Feng, Andrea	Enhancing Access and Reproducibility of Flow Data Analysis through Machine Learning-Based Automated Cross-Panel Classification at Sample and Cell Level
HEM-24	Hevessy	Zsuzsanna	Centralized and standardized flow cytometric analysis of cerebrospinal fluid samples in pediatric hematological malignancies
HEM-25	Palicskó	Bettina	Flow cytometric analysis of multiple myeloma in cerebrospinal fluid samples with multidimensional dot plot
HEM-26	Debliquis	Agathe	Central nervous system involvement: a rare complication in relapsed/refractory multiple myeloma
HEM-27	Debliquis	Agathe	Comparison of IL-10 and IL-6 results by CBA technique between two cytometers in primary central nervous system lymphoma
HEM-28	Morán-Plata	F.Javier	Validation of a new antibody recognizing TRBC2 for combined use with anti-TRBC1 for improved assessment of T-cell clonality by flow-cytometry
HEM-29	Jamieson	Lauren	Acute Myeloid Leukaemia with Plasmacytoid Dendritic Cells: A Spectrum and A Challenge
HEM-30	Lein	Marte Hoeen	CD16 – antibodies with different clones

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HEM-31	Paterakis	Georgios	Megakaryocyte and erythroblast counts in clinical marrow samples by an antibody combination added to a common DNA analysis reagent kit
HEM-32	Dunlop	Alan	Validation of Fully Automated sample processing for Leukaemia and Lymphoma diagnostics using CellMek SPS.
HEM-33	Al-Maashari	Buthaina	Acute Myeloid leukemia (megakaryoblastic) with t (1;22); A challenging case morphologically and immunophenotypically.
HEM-34	Moreira	Helena	Acute Leucemia of Mixed Phenotype (MPAL) - a case report
HEM-35	Moreira	Helena	Vitamin D receptor gene polymorphism and the risk of metabolic syndrome in patients with ALL treated in childhood and adolescence
HEM-36	White	Jessie	CD34+ Stem Cell Enumeration Comparison Study and Kit Evaluation
HEM-37	Zeisig	Athanasia	Fully automated stem cell enumeration on the BC Aquios: Comparison with manual enumeration method
HEM-38	Martins Pereia	Ana Filipa	Extranodal NK/T cell lymphoma in a patient with adrenal mass and haemophagocytic lymphohistiocytosis
HEM-39	Siwiela	Oliwia	Sirtuina 1 in patients after the treatment of Acute Lymphoblastic Leukemia
HEM-40	Worsley	Catherine	Low pH affects cell proliferation, apoptosis, and immunomodulatory protein secretion in breast and oesophageal squamous cell cancer cell lines
HEM-41	Lanuti	Paola	Circulating endothelial cells, circulating endothelial progenitors and endothelial extracellular vesicles as new biomarkers in colorectal cancer
HEM-42	Jara Acevedo	Ricardo	Peripheral blood contamination in cerebrospinal fluid - automated quantitative analysis
HEM-43	Giné	Anna	CD44 is highly expressed in the whole blast cell population of AML
HEM-44	Scifo	Caroline	New anti-TRBC2 (TCR Cβ2) antibody conjugates to simplify T-cell clonality research and assessment
HEM-45	Mallik	Nabhajit	Evaluation of newer flow cytometry-based markers in B–lymphoblastic leukemia/lymphoma and their utility in detecting minimal/measurable residual disease
HEM-46	Chen	Lei	Ultra-sensitive molecular MRD by flow cytometry using superRCA mutation assay for NMP1 positive AML patients
HEM-47	Palavandishvili	Nino	High throughput surface protein profiling of childhood B-cell precursor acute lymphoblastic leukemia using spectral flow cytometry
HEM-48	Machů	Michaela	Flow cytometry assesment of the regulatory compartment in Philadelphia negative myeloproliferative neoplasms.
HEM-49	Mead	Paul	Development of a high-parameter spectral panel for determining Minimal Residual Disease (MRD) in pediatric T-acute lymphoblastic leukemias (T-ALL)
HEM-50	Birska	Monika	The usefulness of flow cytometry in the diagnosis of lung cancer
HEM-51	Köhrer	Stefan	NRAS, WT1, NPM1 and IDH mutation detection for molecular MRD-assessment using Flow Cytometry in pediatric AML
HEM-52	Yebra-Fernandez	Eva	MDS: the utility of flow-cytometry identifying relapsing patterns after treatment
HEM-53	Efenberk	Aleš	Cytometric detection of C3d+ immature erythrocytes in a PNH patient treated with a C5 inhibitor
HEM-54	Markantonatou	Anthi-Marina	Detection of solid tumors in bone marrow specimens by flow cytometry: a report of two cases
HEM-55	Kaliou	Maria	Synchronous detection of CAR T-cells and clonal B-cells in pleural fluid in patient with refractory Diffuse Large B-cell Lymphoma (DLBCL)
HEM-56	Kutejová	Kamila	Monitoring of anti-BCMA CAR-T cells with 8-color flow cytometry panel utilizing dry reagents
HEM-57	Lange, de	Carsten	Method Agreement Performance Study of the DxFLEX ClearLLab 10C Application System
HEM-58	Pershin	Pershin	Plerixafor vs G-CSF. Graft composition and main outcomes in acute leukemia pediatric cohort after αβ T cell depleted haplo-HSCT
HEM-59	Grigore, Georgiana	BD Life Sciences	Characterization of anti-TRBC2 and anti-TRBC1 antibodies for multicolor flow cytometry use
HEM-60	Gounari	Evdoxia	Flow Cytometric Assessment of Bone Marrow Regeneration Dynamics during Therapy of Pediatric Acute Leukemia: Insights from a standardized AML-MRD Panel
HEM-61	Mendonca De Pontes	Roberia	Validation of a Single-Tube, 10-Color Flow Cytometry Panel for Identifying Normal and Abnormal Plasma Cells
HEM-62	Mendonca De Pontes	Roberia	Validation of a dried antibody assay for detection and enumeration of paroxysmal nocturnal haemoglobinuria clones by flow cytometry

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HEM-63	Perkowski	Bartosz	One patient - many immunophenotypic faces in B-cell lymphoblastic leukemia from diagnosis through recurrence. A case report
HEM-64	Fletcher	Matthew	Harmonisation of Paroxysmal Nocturnal Hemoglobinuria Testing and Analysis on the Sysmex XF-1600 Flow Cytometer
HEM-65	Lange, de	Carsten	Precision performance of the DxFLEX ClearLLab 10C Application System
HEM-66	Lange, de	Carsten	Standardization of the ClearLLab 10C Panel on a DxFLEX Flow Cytometer: A Comprehensive Study
HEM-67	Tajdar	Mercedeh	Intrauterine diagnosis of Transient Abnormal Myelopoiesis in a 33-week gestation foetus with Down Syndrome: a case report
HEM-68	Gatti	Arianna	A rapid flow cytometry method to rapidly determine the stem cell clonal potency in fresh apheresis units.
HEM-69	Garcia-Escarp	Marta	Clinical Utility of the XF-1600 Flow Cytometer for MRD Assessment in Multiple Myeloma
HEM-70	Westers	Marisa	Validation of the diagnostic potential of 17 immunophenotypic core markers defined by ELN-iMDS-Flow in an independent cohort of MDS patients
HEM-71	Chen, Lei	Lei	Use of the new superRCA mutation assay for molecular MRD monitoring using flow cytometry in pediatric AML
IMM-01	Hernández-Quitián	Nahia	Development of an in-vitro co-culture model for analysis of protein digestion patterns in macrophages, key process for MHC-II antigen presentation
IMM-02	Malergue	Fabrice	Innate immunity blood biomarkers can help for the triage of infectious and emerging diseases
IMM-03	Teodosio	Cristina	In-depth profiling of the cellular immune response in Crimean-Congo Hemorrhagic Fever vs. COVID-19 as another model of viral primary infection
IMM-04	Larard	Catherine	Disparity in Lymphocyte Subsets among Patients with Primary Immune Thrombocytopenia
IMM-05	Teixeira	Daniela	Development of an in vitro model to test tumour microenvironment (TME)-mediated effects on T-cells
IMM-06	Cappel	Claudia	Validation of an In-Vitro Diagnostics Medical Devices Regulation (IVDR) compliant 13-color flow-cytometry panel for diagnosis and monitoring of pediatric pathologies
IMM-07	Dupas	Nathalie	Toward Standardized AML-MRD Assessment In Clinical Research Studies And Trials Using Dry Antibody Panels (DURA Innovations)
IMM-08	Dupas	Nathalie	Easy-to-use functional Natural Killer (NK) cells assay and associated stimulation reagent
IMM-09	Wiese-Szadkowska	Malgorzata	Loss of CD31 receptor in peripheral T helper cell subsets in patients with cardiomyopathy (DCM and ICM)
IMM-10	Huenecke	Sabine	In-Vitro Diagnostics Medical Devices Regulation (IVDR)-compliant validation of flow cytometry protocol for the diagnosis of leukocyte oxidative burst deficiencies
IMM-11	López	Rocío	Understanding the immune response to SARS-CoV-2: practical lessons from clinical laboratories
IMM-12	Trajerová	Markéta	Immunophenotyping of synovial fluid-derived neutrophils as candidate biomarkers for periprosthetic joint infection: the link between infection and particle disease
IMM-13	O'Connor	José-Enrique	Monitoring Circulating B-Cell Memory Populations along Four Covid-19 Vaccination Rounds in a cohort of Immunosupressed Patients
IMM-14	O'Connor	José-Enrique	Cytometric analysis of phagocytic capacity in marine mammals: Physiological values and alterations during pathological situations
IMM-15	Bęben	Dorota	Can new polymorphisms predispose to metabolic syndrome?
IMM-16	Helmin-Basa	Anna	Antiproliferative and anti-inflammatory activity of novel acyl amidrazone derivatives
IMM-17	Helmin-Basa	Anna	Memory B cells and B10 cells association with the clinical effects of adalimumab in the treatment of Crohn's disease patients
IMM-18	Jara Acevedo	Ricardo	New flow cytometry reagent for the detection of CD19 CAR T-Cells
IMM-19	De Bellis	Domenico	Extracellular Vesicles released by Regulatory T-cells have a strong potential as new therapeutic tools for graft-versus-host disease prevention
IMM-20	Rotta	Gianluca	Adapting a broad 30-color spectral flow cytometry panel into a 12-color panel for T-cell biology using conventional flow cytometry
IMM-21	Pershin	Dmitry	Impaired NK lymphocytes degranulation as an additional marker in complex diagnostics of patients with Wiskott-Aldrich syndrome
IMM-22	Pershin	Pershin	CD169 (SIGLEC-1) expression on monocytes as an additional biomarker of increased expression of type I interferon (IFN) genes
IMM-23	Lens	Daniela	Differential Immune Cell Profiling in Antibody-Mediated Rejection and Stable Kidney Transplants

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IMM-24	Flores-Montero	Juna	Utility of Next-Generation Flow (NGF) for accurate diagnosis and classification of early-stage monoclonal gammopathies (MG)
IMM-25	Radova	Eva	39-parameter/36-channel full spectrum cytometry panel for a robust immuno-profiling of lymphoid compartment in patients treated with modern immunotherapy
IMM-26	Vedmedskaia	Oyuna	Flow cytometric (FC) dihydrorhodamine 123 (DHR) assay in the diagnosis of chronic granulomatous disease (CGD) suspected patients: experience of application
IMM-27	Martins	Caterina	Flow Cytometry in immune dysregulation syndromes: insights from a clinical case of PLCG2-Associated Immune Dysregulation (PLAID)
IMM-28	Martins	Caterina	Diagnostic role of Flow Cytometry in a rare Ligase IV Deficiency Case
IMM-29	Nembrini	Sara	Neutrophil-derived extracellular vesicles serve as potential biomarkers for carbon monoxide poisoning: a pilot study
IMM-30	Herrera	Guadelupe	Extracellular histones enter HUVEC cells via clathrin-mediated endocytosis: assessing implications of histone-mediated cytotoxicity in sepsis pathophysiology by
OTH-01	Carazo	Alejandro	Platelet-monocyte aggregates (PMA) detection by flow cytometry in diabetes mellitus patients
OTH-02	Vedmedskaia	Viktoria	Extended flow cytometry characterization of haploidentical polyclonal regulatory T cells (Treg) advanced therapy medicinal products (Treg-ATMP) for treatment Graft-versus-Host-Disease (GVHD)
OTH-03	Bacova	Barbora	Red blood cell microparticles are sensitive marker of peri-procedural hemolysis during ablation treatment for atrial fibrillation
OTH-04	Wagner-Ballon	Orianne	PNH type II neutrophils are associated with thrombosis and bone marrow failure without hemolysis: 5-year French multicenter observational study analysis
OTH-05	Sozonova	Tatiana	Measurement of active anti-thymocyte globulin (aATG) concentration in allogenic bone marrow transplantation (aBMT) of patients IEI by flow cytometry (FC)
OTH-06	Creasey	Hannah	The application and utility of flow cytometry in the diagnosis of Coeliac Disease
OTH-07	Doytcheva	Petia	Sample stabilization strategies for whole blood immunophenotyping: practical applications for cellular bioanalysis in clinical trials
OTH-08	Doytcheva	Petia	Full automation of CD34+ cells enumeration by flow cytometry: from low-throughput single tubes to high-throughput 96-well plates
OTH-09	Mallet Designe	Valerie	Development of new single-color reagents for flow cytometry fulfilling requirements from the In Vitro Diagnostic Device Regulation (IVDR)
OTH-10	Vergara	Zaida	New supervised automatic analysis faithfully replicates expert manual gating for flow cytometric immune cell subset identification
OTH-11	Vergara	Zaida	A fully automated, walkaway flow cytometry workflow for immune cell subsets identification
OTH-12	Miller	Lucinda	Assessment of Automated Gating Software on a new Volumetric Flow Cytometric Method for Lymphocyte Subsets
OTH-14	Bęben	Dorota	Flow cytometry in the study of the effects of nanoplastics on the human body
OTH-15	Lange, de	Carsten	Evaluating CellMek SPS Performance: WBC and subpopulation recoveries with specimen wash and sample wash workflows
OTH-16	Lange, de	Carsten	CellMek SPS Instrument Performance: Gated populations with automated vs. manual sample prep using a 10-color antibody panel
OTH-17	Birska	Monika	Assessment of matrix metalloproteinase 2 concentration in patients with relapsing-remitting multiple sclerosis
OTH-18	Czechowska	Kamila	Automated Analysis of Acute Myeloid Leukemia (AML) Patients: A Comparative Study of manual vs automated analysis with METAFlow platform