

ESCCA 2018

All posters will be on display in the Exhibition area during the entire Conference from the lunch break on Thursday 13 September until Saturday 15 September up to and including the lunch break. Please be present by their posters for discussion with delegates during the morning coffee breaks, and second half of the lunch breaks.

Poster clusters

The posters are clustered according to the below mentioned topics and are divided over two areas.

Topic	Code	Cluster	Location
Hematology	HEM	P1	Opposite the Registration Desk
Immunology	IMM		
Advances in Cytometry	ADV	P2	Near the ESCCA booth, between Auditorio 1 and Auditorio 3a
Miscellaneous	MISC		

Poster walks

18 Abstracts that received a high ranking from the abstract reviewer committee will be presented during 3 poster walks held during the coffee or lunch break (5 minutes per poster including Q&A).

Poster walk	Topic	Day	Time	Location (see above)
PW 1	Immunology	Friday 14 Sept.	10.40 - 11.10	P1
PW 2	Hematology	Friday 14 Sept.	13.30 - 14.00	P1
PW 3	Spotlight posters	Saturday 15 Sept.	10.55 - 11.25	P2

On the next pages you will find an overview of the poster titles and presenting authors, per cluster and in the order of the poster board numbers.

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.

Last name	Poster #	Cluster	Poster walk	Title
Álvarez Flores	HEM-39	P1		Differential diagnosis between lymphoplasmacytic lymphoma and marginal zone lymphoma by immunophenotype and the evaluation of the MYD88 mutation
Álvarez Flores	MISC-12	P2		Implementation of International Organization for Standardization (ISO) 15189 in flow cytometry unit from a clinical laboratory
Bacal	ADV-07	P2		Utility of DuraClone in detection of minimal residual disease of B-acute lymphoblastic leukemia.
Baráth	IMM-04	P1		Neutrophil specific granule deficiency - a case report
Bardina	HEM-36	P1		Direct true volumetric counting of CD34+ stem cells
Bastidas	MISC-16	P2		Exploring the limitations for determination of cell concentration directly on Petri culture dishes
Bauchiero	ADV-16	P2		ClearLLab Control Cells Stability Performance
Bellesi	HEM-56	P1		Flow-cytometric assessment of lymph node suspensions with clinical suspicion of lymphoma. A single center experience
Bild	HEM-25	P1	PW 2	Morphologic and immunophenotypic evaluation of erythroid dysplasia in patients with myelodysplastic syndromes by Imaging Flow Cytometry
Bistué-Rovira	HEM-19	P1		Efficacy of curcumin as an adjuvant in combination with proapoptotic drugs in human cell models of Chronic Lymphocytic Leukemia (CLL)
Calabrese	ADV-02	P2	PW 3	Intracytoplasmic staining procedure using new fluorescence stable probes based on Nanoparticles technologies
Cannizzo	HEM-53	P1		Two cases of Paroxysmal nocturnal hemoglobinuria: interpreting response to therapy and PNH clone evolution
Cesarini	MISC-17	P2	PW 3	Adult and umbilical cord/placental mesenchymal cells in humans: isolation and phenotypes
Cheng	HEM-43	P1		Demonstration of the Clinical Performance of the ClearLLab 10C Panels in a Multi-Center Study
Cheng	HEM-44	P1		Demonstration of Clinical and Controls Precision of the ClearLLab 10C Panels in a Multi-Center Study
Cherian	HEM-05	P1		A novel flow cytometric method for simultaneous evaluation tumor proliferation index, DNA-ploidy assessment and six-color-immunophenotyping using 5-ethynyl-2-deoxyuridine and FxCycle Violet.
Colado Varela	HEM-10	P1		Flow cytometry for the diagnosis of hematolymphoid neoplasms in primary care systems. Role of laboratory decision rules
Colado Varela	HEM-12	P1		Clonality assessment in suspected cytotoxic T cell lymphoproliferations: To KIR or not to KIR
Colado Varela	HEM-13	P1		Monocytic subpopulation analysis outperforms classical variables for CMML diagnosis
Courta	MISC-08	P2		Pre-analytical stability assessment of fresh whole blood and bone marrow from AML patients to monitor CD123 receptor and T-cells subsets
de Maertelaere	IMM-02	P1		The impact of delayed sample processing on EuroFlow PIDOT tube analysis using the automatic Gating & Identification module of Infinicyt TM
Della Bella	IMM-01	P1		18-color flow cytometry assay for the immunophenotypic characterization of peripheral blood dendritic cell subsets
Demina	HEM-55	P1		Outcome in childhood T-lineage ALL is highly predictable by flow cytometric investigation of CD1a and T-cell receptors expression
Dimitrakopoulou	HEM-23	P1	PW 2	Autophagy in myelodysplastic syndromes: the role of HIF-1a/REDD1 pathway
Dong	ADV-23	P2		Evaluation of automated antibody cocktail mixing compared to manual procedure

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Douka	HEM-42	P1		"Accelerated" atypical chronic lymphocytic leukemia recognized by flow cytometry
Efenberk	MISC-13	P2		The Importance of Being Regulated
Efenberk	MISC-14	P2		Pitfalls of Multicolor Flow Cytometry Staining
Falasco	HEM-47	P1		Increasing sensitivity of Multiple Myeloma Minimal Residual Disease using DuraClone™: a case evaluation
Falay	HEM-58	P1		CD317 expression in B-cell acute lymphoblastic leukemia
Falay	HEM-59	P1		S CD81 useful marker for CLL diagnosis?!
Felipo-Benavent	IMM-18	P1	PW 1	A Novel Flow Cytometric Assay for Generation of Platelet-Derived Microparticles in Whole Blood of Marine Mammals
Felipo-Benavent	MISC-04	P2		A Real-Time Flow Cytometric Assay of Platelet Activation in Whole Blood of Dogs (Canis lupus familiaris) Using Human-Reacting Monoclonal Antibodies
Galán Vega	ADV-03	P2	PW 3	Asynchronous monocytic maturation pattern in AML with NPM1 mutation
Gatti	HEM-16	P1		FNAB of a skin plaque analyzed with a 10-color screening tube: An unusual case of Blastic Plasmacytoid Dendritic Cell Neoplasm
Geuna	MISC-11	P2		Automated bulk lysis and sample concentration for flow cytometric analysis of rare event/population.
Gounari	IMM-19	P1	PW 1	Immunomonitoring of B lymphocyte subsets in primary progressive multiple sclerosis patients prior to and after treatment with 300 mg ocrelizumab
Gudapati	HEM-06	P1		Investigating CD304-expression in B-cell precursor acute lymphoblastic leukemia(BCPALL) and its utility in the BCPALL minimal residual disease testing
Huang	HEM-49	P1		Quantitation of Neutrophilic CD64 and Monocytic HLA-DR Biomarkers using BD Quantibrite™ Reagents*
Illarionova	HEM-54	P1		Immunophenotypic changes of leukemic blasts in children with relapsed/refractory B-cell precursor ALL after blinatumomab treatment
Janulaityte	MISC-02	P2		Asthmatic eosinophils promote extracellular matrix proteins expression and contractility of airway smooth muscle cells
Jávega	IMM-05	P1		Levels of Circulating Adipokines in Young Patients with Idic15 Syndrome, a Neurological Rare Disease
Jávega	IMM-06	P1		Changes in B-cell Subpopulations in Young Patients with Idic15 Syndrome, a Neurological Rare Disease
Jávega	IMM-07	P1		Changes in T-cell Subpopulations in Young Patients with Idic15 Syndrome, a Neurological Rare Disease
Jávega	MISC-05	P2		Flow Cytometric Study of Biomarkers of Granular Secretion and Activation in Platelets of Young Patients with Idic15 Syndrome
Jávega	MISC-06	P2		Interactions Between Fluorogenic Substrates for Oxidative Stress in a Bacterial Biosensor Model with Deficiencies in Genes of Antioxidant Defence
Jopek Ashbaugh	ADV-17	P2		ClearLLab 10 Color Panels Performance: Method comparison to predicate, ClearLLab Reagents for Immunophenotyping of Leukemia and Lymphoma
Jopek Ashbaugh	ADV-18	P2		ClearLLab 10C Panels Performance: Comparison Between Navios Instrument and Navios EX Instrument
Juntilla	HEM-38	P1		Detection of ribosomal RNA 5.8S by intracellular flow cytometry and immunohistochemistry as a novel marker of activation in hematopoiesis

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Kafasi	MISC-03	P2		Endothelial Progenitor Cells in Diabetics type 2 with Peripheral Neuropathy display a CD31dim phenotype
Kapranov	HEM-30	P1		Determination of TCR-V β repertoires in patients with aplastic anemia at different stages of the disease.
Kern	IMM-09	P1		Rapid and cost-effective T-cell target protein identification using novel peptide pools
Khanka	HEM-31	P1		Standardization of a single tube 13-color flow cytometric assay for the evaluation of twenty-five T-cell subsets in human peripheral blood
Khirwal	HEM-24	P1	PW 2	Multicolor flow cytometry is a highly sensitive technique for the detection of bone marrow involvement by round cell tumors
Kim	HEM-48	P1		FOLW CYTOMETRIC QUANTITATION OF EARLY APOPTOTIC CARDIOMYOCYTES INDUCED BY DOXORUBICIN
Kopitar	IMM-17	P1	PW 1	Effect of TNF-a inhibitors on subpopulation of T lymphocytes in colonic mucosa of patients with inflammatory bowel disease
Kralova	HEM-37	P1		Possibilities of Flow Cytometric Minimal Residual Disease Monitoring in Multiple Myeloma
Kubiszewska	IMM-08	P1		Distribution, activation and maturation profile of peripheral dendritic cells subpopulations in patients with primary hypertension
Kumar	HEM-52	P1		Validation of 8 color immunophenotyping panels for mature lymphoid neoplasms on the BD FACSLyric
Labejszo	ADV-01	P2	PW 3	The enzymes involved in active DNA demethylation as a potential biomarkers in B-cell acute lymphoblastic leukemia and chronic lymphocytic leukemia
Lenogue	ADV-04	P2		DCODE Dextramer reagents: DNA barcode multimers for T-cell epitope profiling
Liu	ADV-08	P2		Air-Dried Peripheral Blood and Bone Marrow as Reference and Control Materials
Lui	ADV-11	P2		T-, B- and NK-cell counts enumeration using the investigational automated BD FACSDuet integrated with BD FACSLyric™ System
Maciel	ADV-28	P2		Dried reagents Lymphocyte Subset enumeration: a reality?
Marinov	HEM-28	P1		Impact of analytical factors on interlaboratory variability for PNH testing by flow cytometry following published guidelines
Maroli Sanjiva	HEM-41	P1		Utility of the new versus old immunophenotypic markers in the flow cytometric immunophenotyping of Multiple Myeloma
Martín-Martín	ADV-06	P2		Fibroblast proliferation in co-culture with human umbilical cord blood-derived mesenchymal stem cells or with conditioned medium with cell-derived exosomes
Martins	IMM-12	P1		Application of bulk lysis protocols for the evaluation of rare immune subsets: profile of iNKT cells in Sickle cell disease
Martins	IMM-13	P1		Normal Ranges to Tetanus Toxoid and Tuberculin PPD-Specific CD4 T-cells for the evaluation of T-cell function in Primary Immunodeficiency Patients
Matuzeviciene	HEM-34	P1		T follicular helper cells in health and disease
Milani	IMM-14	P1	PW 1	The role of plasmablasts and memory B cells during the follow-up of patients with IgG4 Related Disease treated with glucocorticoids
Moreno Grua	IMM-11	P1		Studying the phagocytosis of heterophiles and macrophages in paternal line of rabbits separated by 18 generations of selection
Muñoz-García	HEM-22	P1	PW 2	STAT3 and STAT5b mutations in T/NK chronic lymphoproliferative disorders of large granular lymphocytes (LGL): relationship with immunophenotypic and clinical features
Mutschmann	ADV-27	P2		B-cell assay portability using the BD FACSLyric™ System

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Nguyen	HEM-51	P1		Validation of a single 10-colors tube facilitating discrimination of monoclonal from polyclonal plasma cells in indolent myeloma
Nikolova	HEM-11	P1		Immunophenotyping of mast cells: a screening 8-colour Mast cell panel for diagnosis of systemic mastocytosis
Ntanovasilis	HEM-40	P1		CD163 detection in breast cancer patients' peripheral blood. A possible marker?
Oak	HEM-45	P1		Comparison of a Dual Platform Analysis of CD34+ Hematopoietic Stem Cell enumeration on the FACSCanto II and FACSLyric Flow Cytometers
Oak	HEM-46	P1		Rationale and feasibility of using a standardized screening tube on the FACSCanto and the FACSLyric
Omana-Zapata	ADV-14	P2		LEAN Study comparing manual and automated sample preparation methods using the investigational BD FACSDuet integrated to BD FACSLyric™ System*.
Ortiz Marty	ADV-20	P2		ClearLLab 10C Panels Performance: Clinical and normal specimens collected in K2EDTA, Heparin, and ACD anticoagulants demonstrate equivalent performance
Paterakis	HEM-18	P1		Novel method for minimal residual disease detection by next generation flow cytometry, discriminating neuroblastoma from CD56+ mesenchymal bone marrow cells
Paterakis	HEM-20	P1		Mixed phenotype acute leukemias (MPALs) with isolated low MPO: the MPO discordance among flow cytometry and cytochemistry reveals classification queries
Paterakis	HEM-21	P1	PW 2	Flow cytometric predictive scoring systems for common fusion transcripts ETV6/RUNX1, BCR/ABL1, PBX1/TCF3 and rearrangements of the KMT2A gene, in B-ALL
Popov	ADV-05	P2		Flow cytometric measurement of absolute telomere length
Pronkina	IMM-10	P1		CD56 and CD57 expression by distinct populations of human cytotoxic T lymphocytes in rheumatoid arthritis
Psarra	HEM-32	P1		PD-1/PD-L1 expression in hematological malignancies
Ricci	HEM-01	P1		Microparticles from patients with triple negative myelofibrosis reveal a distinct phenotype and microRNA signature compared to JAK2V617F mutated
Rico	HEM-26	P1	PW 2	Alkaline phosphatase activity as a potential predictor of relapse and refractoriness in Acute Myeloid Leukemia (AML)
Rico	HEM-27	P1		Induced PD-L1 conformational change as a key event to discover effective targeted-therapies against Myeloid Derived Suppressor Cells in Multiple Myeloma
Saksena	IMM-03	P1		Multi-color flow cytometry for the assessment of phenotypic and functional markers associated with T-cell exhaustion.
Sambado	MISC-19	P2	PW 3	Rapamycin inhibits the expression of proinsulin cells in bone marrow derived dendritic cells from diabetic patients. An in vitro study.
Sandes	HEM-07	P1		IMMUNOPHENOTYPIC CHARACTERIZATION OF THE ERYTHROID COMPARTMENT IN PATIENTS WITH MEGALOBlastic ANEMIA - IMPORTANCE FOR THE DIFFERENTIAL DIAGNOSIS WITH MYELODISPLASTIC SYNDROMES
Sandes	HEM-08	P1		FLOW CYTOMETRY IMMUNOPHENOTYPING AND CHRONIC MYELOID LEUKEMIA, BCR-ABL1+. IS THERE A ROLE FOR CYTOMETRY IN THE DIAGNOSTIC EVALUATION?
Santiago	HEM-29	P1		Classification of monocytic-lineage associated acute leukaemias when using the EuroFlow antibody panels

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Schilfgaarde	ADV-12	P2		Development and implementation of Euroflow flowcytometric method for diagnosis of Myelodysplastic syndrome in routine diagnostics
Schilfgaarde	HEM-50	P1		Evaluation of CD105-PE antibody clones in Euroflow AML/MDS panel for erythroblast diagnostics
Scupoli	HEM-09	P1		Catalase levels regulate redox sensitivity of chronic lymphocytic leukemia cells and identify leukemia patients with different clinical behavior
Sedek	HEM-04	P1		Increasing expression of CD73 on leukemic blasts facilitates MRD detection in childhood acute lymphoblastic leukemia
Semchenkova	MISC-07	P2		Simple and reproducible PNH screening by flow cytometric detection of FLAER-negative granulocytes
Sempere	HEM-14	P1		Detection and monitoring of paroxysmal nocturnal haemoglobinuria clones in patients with bone marrow failure syndromes: report from six Spanish centers
Sewell	HEM-33	P1		Evaluation of a 4-point flow cytometry score for myelodysplastic syndrome
Shakhouskaya	MISC-10	P2		Influence of electromagnetic field of industrial frequency on spermatozoa of rats
Sola	MISC-01	P2		Assessment of multiple dye doped core-shell silica nanoparticles uptake in U937 cell line
Subirá	HEM-17	P1		Flow cytometry immunophenotyping on lymph-node biopsies: a practical clinical approach for high-grade B-cell lymphoma
Taberner-Cortés	MISC-18	P2	PW 3	Effects of dapagliflozin in a mouse model of atherosclerosis and insulin resistance
Tang	ADV-13	P2		Performance of BD Horizon Dri Leukocytes with selected antibody panels
Tembhare	HEM-03	P1		Flow cytometric bone-marrow involvement is a most relevant high-risk factor associated with the progression of solitary plasmacytoma to multiple myeloma
Tompa	ADV-15	P2		Subsets of CD4+, CD8+ and CD25hi lymphocytes are in general not influenced by isolation and long-term cryopreservation
Tsukanava	MISC-15	P2		Influence of stress on cell death
Vallejo Ruiz	IMM-16	P1	PW 1	Aspergillus fumigatus gliotoxin enhances the inhibitory effect of Cyclosporine A and Methotrexate GvHD prophylaxis on CMV- and EBV-specific cell-mediated immunity
Vander Meeren	HEM-57	P1		Lymphocyte subset analysis in monoclonal B-cell lymphocytosis and CLL reveals remarkable trends based on clone size and immunophenotype
Veenstra	HEM-15	P1		A new 10-Color Panel with 21 Monoclonal antibodies for Polychromatic Immunophenotyping of Small Hematopoietic Cell Samples
Verma	HEM-02	P1		CD86 is largely associated-with AML with monocytic differentiation and is a strong indicator of KMT2A mutation in acute monoblastic/monocytic leukemia
Yang	ADV-21	P2		ClearLLab Control Cells – a Process Control for ClearLLab 10C Application
Yang	ADV-22	P2		ClearLLab 10 Color Panels Performance: Lot-To-Lot Reproducibility
Yeguas	MISC-09	P2		Creation of a Flow Cytometry working group: updating knowledge with multidisciplinary experience
Zamai	IMM-15	P1	PW 1	Natural cytotoxicity receptors (NCRs) are expressed late during in vitro CD34+ cell differentiation into CD56dim NK cells
Zeng	ADV-19	P2		Single Platform CD34+/CD45+ Cell Analysis on the BD FACSLytic™ System Using UK NEQAS Samples
Zeng	HEM-35	P1		Immunophenotyping of UK NEQAS CLL Samples on the BD FACSLytic and BD FACSCanto II

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Zhang	ADV-09	P2		Immunophenotyping using t-SNE - Analysis of Acute Leukemia and Non-disease Cases Tested using ClearLLab 10C Panels
Zhang	ADV-10	P2		ClearLLab 10 Color Panels Performance: Specimen and Reagent Carryover on the Navios and Navios EX Flow Cytometers
Zhang	ADV-24	P2		Lot-to-lot Reproducibility of IOTest 3 Lyse and Fixative Solutions when used in ClearLLab 10C Application
Zhang	ADV-25	P2		ClearLLab Compensation Kit and ClearLLab Compensation Beads Stability Performance
Zhang	ADV-26	P2		ClearLLab 10C Panels Performance: Comparison of Single Tube and Bulk Sample Wash Methods