

Final programme

WEDNESDAY 21 SEPTEMBER 2022



PRE-CONFERENCE COURSES (Pre-registered delegates only)

09.00-12.30 PRE01	Pre-conference course: Measurable residual disease in MM Organiser: Juan A. Flores-Montero (Salamanca, ES)	Pre-registered delegates only	Meeting room 3B Level 3
09.00-09.45	Measurable disease monitoring in MM: what clinicians need to know that cytometrists can answer	Noemí Puig Morón (Salamanca, ES)	
09.45-10.30	Methodological considerations of MRD detection in MM by flow cytometry	Juan Flores-Montero (Salamanca, ES)	
10.30-11.00	<i>Coffee break</i>		
11.00-12.30	Live practice session: Next Generation Flow data analysis, interpretation and reporting	Juan Flores-Montero (Salamanca, ES)	
<i>The supporting materials for the practical session have been kindly provided by Cytognos SL. The Scientific and Organising Committees have determined the content of this course and warrant its scientific independence</i>			
09.00-12.30 PRE02	Pre-conference course: Validation and ISO accreditation of FCM assays Organisers: Iuri Marinov (Prague, CZ), Frank Preijers (Nijmegen, NL)	Pre-registered delegates only	Meeting room 1B Level 3
09.00-09.10	Welcome	Iuri Marinov (Prague, CZ)	
09.10-09.40	EU Regulatory requirements	Iuri Marinov (Prague, CZ)	
09.40-10.10	Validation of FCM assays - preanalytical phase	Frank Preijers (Nijmegen, NL), Willemijn Hobo (Nijmegen, NL)	
10.10-10.40	Validation of FCM assays - analytical phase	Frank Preijers (Nijmegen, NL), Willemijn Hobo (Nijmegen, NL)	
10.40-11.15	<i>Coffee break</i>		Level 3
11.15-11.45	Validation of FCM assays - postanalytical phase	Iuri Marinov (Prague, CZ)	
11.45-12.15	ISO 15189 accreditation	Iuri Marinov (Prague, CZ)	
12.15-12.30	Discussion		
09.00-12.30 PRE03	Pre-conference course: AML-MRD Organisers: Willemijn Hobo (Nijmegen, Amsterdam), Jacqueline Cloos (Amsterdam, NL)	Pre-registered delegates only	Meeting room 2B Level 3
09.00-09.10	Welcome	Francesco Buccisano (Rome, IT)	
09.10-09.40	Clinical relevance of a standardized AML MRD assessment	Jacqueline Cloos (Amsterdam, NL)	
09.40-10.10	FCM measurements - machine set-up and sample preparation	Angele Kelder (Amsterdam, NL)	
10.10-10.40	FCM measurements - staining and measurement	Angele Kelder (Amsterdam, NL)	
10.40-11.15	<i>Coffee break</i>		
11.15-11.45	FCM data analyses - LAIP definition	Willemijn Scholten (Amsterdam, NL)	
11.45-12.15	FCM data analyses - live gating	Willemijn Scholten (Amsterdam, NL)	
12.15-12.30	MRD results reporting	Angele Kelder (Amsterdam, NL)	
Lunch on your own			
ESCCA CONFERENCE			
14.00-15.00 PLE01	Opening & Keynote Lecture 1 Chairs: Paula Fernandez (Aarau, CH), Francesco Buccisano (Rome, IT)		Hall 1A Level 1
14.00-14.15	Welcome address by the ESCCA President	Paula Fernandez (Aarau, CH)	
14.15-15.00 PLE01-01	CAR-T cells and beyond	Dario Campana (Singapore, SGP)	
15.00-15.30 IPP01	ESCCA Industrial Partner Presentation - BD Biosciences Chairs: Paula Fernandez (Aarau, CH), Francesco Buccisano (Rome, IT)		Hall 1A
15.00-15.30	Exploring immunodeficiency: current applications and future challenges for flow cytometry	Catarina Martins (Lisbon, PT)	
15.30-16.00	<i>Coffee break</i>		Exhibition Hall
16.00-16.30 IPP02	ESCCA Industrial Partner Presentation - Metafora Biosystems Chairs: Willemijn Hobo (Nijmegen, NL), Florian Kern (Brighton, UK)		Hall 1A
	Metaflow an innovative tool for multidimensional data analysis	Kamila Czechowska	
16.30-17.45 PLE02	Keynote Lecture 2 & Award Lecture Chairs: Willemijn Hobo (Nijmegen, NL), Florian Kern (Brighton, UK)		Hall 1A
16.30-17.15 PLE02-01	Monitoring T-cell immunity in COVID-19 – translational studies	Nina Babel (Berlin, DE)	
17.15-17.45 PLE02-02	Clinical Cytometry Best Original Paper Award 2021-2022	Kirill Lyapichev (Galveston, USA)	
17.45-18.45	ESCCA General Assembly		Hall 1A
19.00-20.00	Welcome Reception at the Belfast City Hall		Belfast City Hall

THURSDAY 22 SEPTEMBER 2022

09.30-10.45	PAR01	New frontiers in MRD Chairs: Jacqueline Cloos (Amsterdam, NL), Francesco Buccisano (Rome, IT)		Hall 1A
09.30-10.00	PAR01-01	Towards Further Harmonization on Technical Aspects of Flow Cytometry-based MRD Quantification in AML: Experience of the ELN MRD Working Party	Jesse Tettero (Amsterdam, NL)	
10.00-10.30	PAR01-02	Impact of combining molecular and flow MRD Q&A	Jacqueline Cloos (Amsterdam, NL)	
10.30-10.45				
09.30-10.45	PAR02	Flow for Newbies - Intro to basics and pitfalls Chairs: Ulrika Johansson (Bristol, UK), Evi Gounari (Thessaloniki, GR)		Meeting room 3B Level 3
09.30-10.00	PAR02-01	Flow Cytometry in clinical practice: a sociological point of view	Claudio Ortolani (Urbino, IT)	
10.00-10.30	PAR02-02	Diagnostic antibodies: CD Nomenclature and beyond Q&A	Tomas Kalina (Prague, CZ)	
10.30-10.45				
09.30-10.45	PAR03	Antigen-Specific Immunity - T-cells/infectious antigens Chairs: Genny Del Zotto (Genoa, IT), Florian Kern (Brighton, UK)		Meeting room 2B Level 3
09.30-10.00	PAR03-01	Development and performance of Spike-specific memory B cells after SARS-CoV-2 vaccination	Eva Piano Mortari (Rome, IT)	
10.00-10.30	PAR03-02	Original antigenic sin in SARS-CoV-2 Q&A	Gijsbert van Nierop (NL)	
10.30-10.45				
10.45-11.15		<i>Coffee break, Exhibition, Posters</i>		Exhibition Hall
11.15-11.45	IPP03	ESCCA Industrial Partner Presentation - Beckman Coulter Chairs: Paula Fernandez (Aarau, CH), Juan Flores-Montero (Salamanca, ES)		Hall 1A
		Benefits of adopting new technology in a clinical laboratory	Alan Dunlop (Sutton, UK)	
11.45-12.45	PLE03	Selected Best Abstracts Chairs: Paula Fernandez (Aarau, CH), Juan Flores-Montero (Salamanca, ES)		Hall 1A
11.45-12.00	PLE03-01	A novel chunk-for-pooling machine learning model to detect MRD in AML with flow cytometric data	Yu-Fen Wang (Berkeley, USA)	
12.00-12.15	PLE03-02	Standardization of 13-color high-sensitivity measurable residual disease (MRD) assessment in B-cell lymphoblastic leukemia (B-ALL) treated with novel anti-CD19 immunotherapies	Shetty Vruksha (Navi Mumbai, IN)	
12.15-12.30	PLE03-03	Clinical relevance of immunophenotypic signature of myeloblasts and proportions of hematogones and monocytes in Juvenile Myelomonocytic Leukemia	Prashant Tembhare (Navi Mumbai, IN)	
12.30-12.45	PLE03-04	Towards a high-parameter spectral immunophenotyping panel for pediatric leukemias	Paul Mead (Memphis, USA)	
12.45-14.00		<i>Lunch break, Exhibition, Posters</i>		Exhibition Hall
14.00-15.00	PLE04	Immunology: Interactive Case Presentations Chairs: Evi Gounari (Thessaloniki, GR), Genny Del Zotto (Genoa, IT)		Hall 1A
14.00-15.00	PLE04-01	Interactive Case Presentations: Immunodeficiency	Kimberly Gilmour (London, UK)	
15.00-15.30	CSP01	Corporate Sponsor Presentation - Standard BioTools Chairs: Evi Gounari (Thessaloniki, GR), Genny Del Zotto (Genoa, IT)		Hall 1A
15.00-15.30		Systems level monitoring in children with solid tumors	Lakshmikanth Tadepally (Stockholm, SE)	
15.30-16.00		<i>Coffee break, Exhibition, Posters</i>		Exhibition Hall
16.00-17.15	PAR04	Innovative clinical applications Chairs: Juan Flores-Montero (Salamanca, ES), Francesco Buccisano (Rome, IT)		Hall 1A
16.00-16.30	PAR04-01	CLL MRD	Sebastian Böttcher (Rostock, DE)	
16.30-17.00	PAR04-02	Using flow cytometry data to unravel disease outcome Q&A	Cirino Botta (Cosenza, IT)	
17.00-17.15				
16.00-17.15	PAR05	Lab do's & don'ts Chairs: Ulrika Johansson (Bristol, UK), Iuri Marinov (Prague, CZ)		Meeting room 3B
16.00-16.30	PAR05-01	Which competency does a flow cytometrist need?	Jeroen te Marvelde (Rotterdam, NL)	
16.30-17.00	PAR05-02	Telling fluorescence apart Q&A	Cristina Teodosio (Salamanca, ES)	
17.00-17.15				
16.00-17.15	PAR06	Immune System Ageing Chairs: Willemijn Hobo (Nijmegen, NL), Florian Kern (Brighton, UK)		Meeting room 2B
16.00-16.30	PAR06-01	Cardiovascular Immunology/Spectral Flow	Ioakim Spyridopoulos (Newcastle, UK)	
16.30-17.00	PAR06-02	Vaccines for older adults: Challenges and Developments Q&A	Birgit Weinberger (Innsbruck, AT)	
17.00-17.15				

FRIDAY 23 SEPTEMBER 2022

09.30-10.45	PAR07	Tissue Flow Cytometry Chairs: Paula Fernandez (Aarau, CH), Elaine Sobral da Costa (Rio de Janeiro, BR)		Hall 1A
09.30-10.00	PAR07-01	On KSHV (HHV8)-associated lymphoproliferation	Hao-Wei Wang (Bethesda, MD, US)	
10.00-10.30	PAR07-02	Standardized panel and procedures for pediatric solid tumors diagnostic by flow cytometry	Elaine Sobral da Costa (Rio de Janeiro, BR)	
10.30-10.45		Q&A		
09.30-10.45	PAR08	A practical approach to IVDR Chairs: Ulrika Johansson (Bristol, UK), Juan Flores Montero (Salamanca, ES)		Meeting room 3B
09.30-10.00	PAR08-01	Present status of the IVDR regulation	Elizabeth Macintyre (Paris, FR)	
10.00-10.30	PAR08-02	Preparing for IVDR in the clinical lab	Isabel Dombrink (Kiel, DE)	
10.30-10.45		Q&A		
09.30-10.45	PAR09	Trained immunity Chairs: Willelmin Hobo (Nijmegen, NL), Florian Kern (Brighton, UK)		Meeting room 2B
09.30-10.00	PAR09-01	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis	Robin Choudhury (Oxford, UK)	
10.00-10.30	PAR09-02	Clonal expansion and epigenetic inheritance shape long-lasting NK cell memory	Timo Rückert (Berlin, DE)	
10.30-10.45		Q&A		
10.45-11.15		<i>Coffee break, Exhibition, Posters</i>		Exhibition Hall
11.15-11.45	IPP04	ESCCA Industrial Partner Presentation - Sysmex Chairs: Ulrika Johansson (Bristol, UK), Florian Kern (Brighton, UK)		Hall 1A
		Discover your automation potential with Sysmex workflow consultancy	Tanja Tornow (Norderstedt, DE)	
11.45-12.45	PLE05	ESCCA-ICCS Joint Initiatives & Keynote Lecture 3 Chairs: Ulrika Johansson (Bristol, UK), Florian Kern (Brighton, UK)		Hall 1A
11.45-12.00	PLE05-01	ESCCA-ICCS Joint Initiatives	Ulrika Johansson (Bristol, UK), Wolfgang Kern (Munich, DE)	
12.00-12.45	PLE05-02	Quiescent immune memory in bone marrow	Hyun-Dong Chang (Berlin, DE)	
12.45-14.00		<i>Lunch break, Exhibition, Posters</i>		Exhibition Hall
14.00-14.45	PLE06	Keynote Lecture 4 Chairs: Alfonso Blanco (Dublin, IE), José Enrique O'Connor (Valencia, ES)		Hall 1A
14.00-14.45	PLE06-01	Big Technology, Big Data, where and how are we moving?	Andrew Filby (Newcastle, UK)	
14.45-15.45	PLE07	Selected Best Abstracts Chairs: Genny Del Zotto (Genoa, IT), Evi Gounari (Thessaloniki, GR)		Hall 1A
14.45-15.00	PLE07-01	Long-term monitoring by flow cytometry of T-cell related immunological memory in a group of immunosuppressed patients after COVID-19 vaccination	José-Enrique O'Connor (Valencia, ES)	
15.00-15.15	PLE07-02	Fast-screening flow cytometry method for detecting nanoplastics in human peripheral blood	Salvia Roser (Badalona, ES)	
15.15-15.30	PLE07-03	Functional and phenotypical characterization of IFN- γ -producing SARS-CoV-2 specific memory T cells from COVID-19 convalescent donors	Rubén Gil (Pamplona, ES)	
15.30-15.45	PLE07-04	Extending stability of whole blood for the analysis of T- and B-cell subsets using a lyse-(fix)-freeze method	Ewa Cendrowicz (Assen, NL)	
15.45-16.15		<i>Coffee break, Exhibition, Posters</i>		Exhibition Hall
16.15-17.30	PAR10	Immune monitoring in haematological malignancies Chairs: Willelmin Hobo (Nijmegen, NL), Francesco Buccisano (Rome, IT)		Hall 1A
16.15-16.45	PAR10-01	Flow cytometry in CAR-T therapy	Hao-Wei Wang (Bethesda, MD, US)	
16.45-17.15	PAR10-02	High-dimensional profiling of T- and NK-cell subsets to identify immune (dys)functional phenotypes in MDS	Diede van Ens (Nijmegen, NL)	
17.15-17.30		Q&A		
16.15-17.30	PAR11	Validations in Cytometry Chairs: Juan Flores-Montero (Salamanca, ES), Iuri Marinov (Prague, CZ)		Meeting room 3B
16.15-16.45	PAR11-01	Assay validation in the era of ISO 15189 and CLSI H62	Iuri Marinov (Prague, CZ)	
16.45-17.15	PAR11-02	Assay validation: Practical examples	Ulrika Johansson (Bristol, UK)	
17.15-17.30		Q&A		
16.15-17.30	PAR12	Immunity in neurological disease Chairs: Florian Kern (Brighton, UK), Genny Del Zotto (Genoa, IT)		Meeting room 2B
16.15-16.45	PAR12-01	What we have learned from the Corona pandemic: Vaccination in immunocompromised patients	Paulus Rommer (Vienna, AT)	
16.45-17.15	PAR12-02	Protective and Regenerative Roles of T Cells in Central Nervous System Disorders	Denise Fitzgerald (Belfast, Northern Ireland, UK)	
17.15-17.30		Q&A		
18.00-19.30		Exclusive visit of the Titanic Museum for ALL delegates <i>Pre-confirmation by email to the Registration Office is a must.</i> <i>Shuttle service between 17.45-18.30 hrs. Last coach at 18.30 hrs., also for Conference Dinner guests.</i>	Titanic Museum	sponsored by:  
19.30-23.30		Conference Dinner <i>Pre-registration via the online registration form; a cost applies</i>	Titanic Museum	

SATURDAY 24 SEPTEMBER 2022

09.30-10.45	PAR13	Multiomics and Artificial Intelligence		Hall 1A
	Chairs:	Paula Fernandez (Aarau, CH), Juan Flores Montero (Salamanca, ES)		
09.30-10.00	PAR13-01	What can the single cell "fossil record" of COVID19 lung tell us about potential therapeutic intervention?	Andrew Filby (Newcastle, UK)	
10.00-10.30	PAR13-02	Application of artificial intelligence models to flow cytometric data for diagnosing hematologic neoplasms	Wolfgang Kern (Munich, DE)	
10.30-10.45		Q&A		
09.30-10.45	PAR14	On Data Integrity		Meeting room 3B
	Chairs:	Evi Gounari (Thessaloniki, GR), José Enrique O'Connor (Valencia, ES)		
09.30-10.00	PAR14-01	Pre-Clinical Data Quality	Enrique O'Connor (Valencia, ES)	
10.00-10.30	PAR14-02	Data interpretation	Jordi Petriz (Badalona, ES)	
10.30-10.45		Q&A		
09.30-10.45	PAR15	Fringe Applications		Meeting room 2B
	Chairs:	Gennv Del Zotto (Genoa, IT), Florian Kern (Brighton, UK)		
09.30-10.00	PAR15-01	Studying some very small events	Alfonso Blanco (Dublin, IE)	
10.00-10.30	PAR15-02	Using flow to investigate Microbiome Biology	Ken Nally (Cork, IE)	
10.30-10.45		Q&A		
10.45-11.15		<i>Coffee break, Exhibition, Posters</i>		Exhibition Hall
11.15-11.45	PLE08	Memorial Lecture to honour Howard Shapiro		Hall 1A
	Chairs:	Paula Fernandez (Aarau, CH), Alfonso Blanco (Dublin, IE)		
11.15-11.45	PLE08-01	Howard Shapiro and other fallen Science Heroes - No people like the flow people	J. Paul Robinson (West Lafayette, IN, USA)	
11.45-12.45	PLE09	Hemato-Oncology: Interactive Case Presentations		Hall 1A
	Chairs:	Iuri Marinov (Prague, CZ), Juan Flores Montero (Salamanca, ES)		
11.45-12.15	PLE09-01	Interactive Case Presentation: Challenges of measurable residual disease assessment by multi-parameter flow cytometry in acute myeloid leukemia	Angèle Kelder (Amsterdam, NL)	Hall 1A
12.15-12.45	PLE09-02	Interactive Case Presentation	Elaine Sobral da Costa (Rio de Janeiro, BR)	
12.45-13.00		ESCCA Awards session & Closure		Hall 1A
		Best Oral Presentation & Best Poster Awards Announcement ESCCA 2023		