ESCCA
European Society
for Clinical Cell Analysis

ESCCA 2026

Preliminary full programme *(subject to change)*

PRE-CONFERENCE WORKSHOPS

WEDNESDAY 9 SEPTEMBER 2026

09:00-12:30	**WS01**	**Workshop 1: Practical AML MRD Pediatric and Adult Approaches**	**Paracelsus Saal**
		Organisers: Margarita Maurer-Granofszky (Vienna, AT) and Francesco Buccisano (Rome, IT) **Level:** Intermediate. *Max.30 places, pre-registration required.* For a summary of the workshop, see the programme page: https://www.escca.eu/programme-escca-2026/programme	
09.00		Welcome	
09:00-10:00		Introductory lectures addressing the overarching framework of AML MRD, including current guidelines, clinical applications, and challenges in standardization	Francesco Buccisano (Rome, IT), Michael Dworzak (Vienna, AT)
10:00-11:00		Practical case demonstrations: Presentation and discussion of illustrative adult and pediatric AML cases	Willemijn Scholten (Amsterdam, NL), Margarita Maurer-Granofszky (Vienna, AT)
11:00-11:30	*Coffee break*		
11:30-12:30		Hands-on Case Analysis Session: Interactive analysis of diagnostic and follow-up AML MRD cases for participants	Margarita Maurer-Granofszky (Vienna, AT), Willemijn Scholten (Amsterdam, NL)
Lunch on your own			

09:00-12:30	**WS02**	**Workshop 2: Good laboratory practices in a flow cytometry lab, do's and don'ts**	**Mozart Saal 2**
		Organiser: Jeroen te Marvelde (Rotterdam, NL), Sjoerd Oude Alink (Rotterdam, NL) **Level:** Basic. *Max. 25 places, pre-registration required.* For a detailed description of the workshop, see the programme page: https://www.escca.eu/programme-escca-2026/programme *It is advised to bring a laptop with analysis software to actively participate in the workshop. More information will be sent to registered delegates nearer to the date.*	
09:00-09:30		Pre Analytical Phase	Jeroen te Marvelde
09:30-10:00		Instrument Setup	Sjoerd Oude Alink
10:00-10:30		Antibody Quality Control, Reagent Management, Training and Competence of Staff	Jeroen te Marvelde
10:30-11:00		*Coffee break*	
11:00-11:30		Acquisition, Analysis and Data Management	Sjoerd Oude Alink
11:30-12:30		Analysis: Infinicyt demo and Do-It-Yourself analyses of data	Sjoerd Oude Alink, Jeroen te Marvelde
Lunch on your own			

09:00-12:30	**WS03**	**Workshop 3: CAR-T cell monitoring, why and how**	**Trakl Saal**
		Organisers: Gerulf Hänel (Munich, DE) and Veit Leonhard Bücklein (Munich, DE) **Level:** Intermediate. *Max. 30 places, pre-registration required.* For a summary of the workshop, see the programme page: https://www.escca.eu/programme-escca-2026/programme *It is advised to bring a laptop with analysis software to actively participate in the workshop. More information will be sent to registered delegates nearer to the date.*	
09:00-09:30		CAR-T cell monitoring as prognostic marker in clinics	
09:30-10:30		Practical considerations: Overview of CAR-T cell quantification approaches (Flow cytometry vs. ddPCR) and assay design (choice of detection reagents, bead-based vs. two-platform quantification, etc.)	
10:30-11:00		*Coffee break*	
11:00-11:45		Lessons learned from interlaboratory testing and pre-analytic considerations	
11:45-12:15		Hands-on: Interactive analysis of diagnostic samples	
12:15-12:30		Discussion and wrap-up	
Lunch on your own			

09:00-12:30	**WS04**	**Workshop 4: Panel design in the era of Spectral Flow cytometry - Advantages and Pitfalls**	**Mozart Saal 3**
		Organisers: Thomas Liechti (Norwegian Institute of Public Health, Oslo, Norway), Robbert Meijer (Radboudumc, Nijmegen, NL), Willemijn Hobo (Radboudumc, Nijmegen, NL) **Level:** Intermediate level flow cytometrists *Max. 30 places, pre-registration required.* For a summary of the workshop, see the programme page: https://www.escca.eu/programme-escca-2026/programme	
09:00-10:00		Introduction Spectral Flow cytometry and panel design	Thomas Liechti
10:00-10:15		Discussion and Q/A	All speakers
10:15-10:30		Panel design – Troubleshooting (Part I)	Robbert Meijer, Willemijn Hobo
10:30-11:00		*Coffee break*	
11:00-11:30		Panel design – Troubleshooting (Part II)	Thomas Liechti
11:30-12:15		Single-stained controls and spectral unmixing	Robbert Meijer, Willemijn Hobo
12:15-12:30		Discussion and wrap up	All speakers
Lunch on your own			

09:00-12:30	**WS05**	**Workshop 5: Flow diagnosis of Innate errors of immunity**	**Mozart Saal 1**
		Organisers: Winfried Pickl (Vienna, AT) and Herbert Strobl (Vienna, **Level:** Intermediate level flow cytometrists *Max. 30 places, pre-registration required.* For a summary of the workshop, see the programme page: https://www.escca.eu/programme-escca-2026/programme	
09:00-09:30		Introductory lecture on inborn errors of immunity leading to the impairment of granulocyte function	W. Pickl
09:30-10:00		Introductory lecture on inborn errors of immunity leading to the impairment of monocyte/macrophage or dendritic cell function	H. Strobl
10:00-11:00		Practical case demonstrations: Presentation and illustration of real-life cases, their diagnostic algorithms and therapy	W. Pickl and H. Strobl
11:00-11:30		*Coffee break*	
11:300-12:30		Q & A, discussion of the current guidelines on Inborn Errors of Immunity and further cases	W. Pickl and H. Strobl
Lunch on your own			

CONFERENCE PROGRAMME

WEDNESDAY 9 SEPTEMBER 2026

14:00-15:00	**PLE01**	**Opening & Keynote Lecture 1**	**Europa Saal**
Chairs:		Juan Flores Montero (Salamanca, ES), Margarita Maurer-Granofszky (Vienna, AT)	
14:00-14:05		Welcome address by the Deputy Mayor of Salzburg, Mag. Kay-Michael Dankl	
14:05-14:10		Salzburg: where science, history, music and Alpine beauty meet	
14:10-14:15		Announcements by the ESCCA President	Juan Flores Montero (Salamanca, ES)
14:15-15:00	PLE01-01	Keynote Lecture: Flow Cytometry in Evidence-Based and Personalized Medicine. Focus on Acute Leukemias: From Early Detection to AI-Assisted Diagnostics	Michael Dworzak (Vienna, AT)
15:00-15:30	**IPP01**	**ESCCA Industrial Partner Presentation by Sysmex**	**Europa Saal**
Chairs:		Juan Flores Montero (Salamanca, ES), Margarita Maurer-Granofszky (Vienna, AT)	
15:00-15:30		Integrating Flow Cytometry into Diagnostic Workflow	Dennis Hoffmann
15:30-16:00		*Coffee break*	Exhibition area
16:00-16:30	**IPP02**	**ESCCA Industrial Partner Presentation by Waters Biosciences (formerly BD Biosciences)**	**Europa Saal**
Chairs:		Wolfgang Kern (Munich, DE), Orianne Wagner-Ballon (Créteil, FR)	
16:00-16:30	IPP02	Transforming AML Diagnostics: The Value of Standardized Approaches in Clinical Practice	Francesco Buccisano (Rome, IT)
16:30-18:00	**PLE02**	**ESCCA/ICCS Joint Session - Approaches to AML MRD detection**	**Europa Saal**
Chairs:		Wolfgang Kern (Munich, DE), Orianne Wagner-Ballon (Créteil, FR)	
16:30-17:00	PLE02-01	Multiparameter flow cytometry–based MRD in AML: Current clinical Impact and future directions	Costa Bachas (Amsterdam, NL)
17:00-17:30	PLE02-02	Assessing AML MRD by Flow Cytometry in Real World Practice	Sa A. Wang (Houston, Texas, USA)
17:30-18:00	PLE02-03	What will flow cytometry add tomorrow to diagnostics of AML: potential of evaluation of leukemic stem cells	Francesco Buccisano (Rome, IT)
18:00-19:00		**Welcome Reception** *Free of charge but pre-registration required*	**Exhibition area**

THURSDAY 10 SEPTEMBER 2026

09:30-10:45	**PAR01**	**Emergency applications in Flow Cytometry**	**Europa Saal**
Chairs:		Matthias Wechdorn (St. Pölten. AT), Arianna Gatti (Milan, IT)	
09:30-10:00	PAR01-01	Detection of FMH in obstetric pathology: an emergency approach to flow cytometry	Gianluca Viarengo (Pavia, IT)
10:00-10:30	PAR01-02	Monocyte and neutrophil markers for the diagnosis and prognosis of sepsis and viral infections in emergency flow cytometry	Anne-Sophie Bedin ((Montpellier, FR)
10:30-10:45		Q&A	
09:30-10:45	**PAR02**	**The immune cell repertoire revisited**	**Mozart Saal**
Chairs:		Florian Kern (Brighton, UK), Evdoxia Gounari (Thessaloniki, GR)	
09:30-10:00	PAR02-01	MAIT cells in host - microbiota interactions	François Legoux (Lyon, FR)
10:00-10:30	PAR02-02	What AI Needs from Cytometry is a Corpus	Kamila Czechowska (Paris, FR)
10:30-10:45		Q&A	

10:45-11:15		*Coffee break, Exhibition, Posters*	Exhibition area
11:15-11:45	**IPP03**	**ESCCA Industrial Partner Presentation by Beckman Coulter**	**Europa Saal**
Chairs:		Matthias Wechdorn (St. Pölten. AT), Arianna Gatti (Milan, IT)	
11:15-11:45		Broadening the Spectrum: An International Collaboration in MRD Detection	Wolfgang Kern (MLL Munich) and Alan Dunlop (Royal Marsden NHS Trust)
11:45-12:45	**PLE03**	**ESCCA/Austrian Cytometry Society (OEGfZ) Joint Session: New tools for flow**	**Europa Saal**
Chairs:		Matthias Wechdorn (St. Pölten. AT), Arianna Gatti (Milan, IT)	
11.45-12.15	PLE03-01	Flow meets molecular, superRCA assay for MRD assessment in AML and JMML	Margarita Maurer-Granofszky (Vienna, AT)
12.15-12.45	PLE03-02	FlowFATE: AI for Flow MRD Assessment	Michael Reiter (Vienna, AT)
12:45-12:50		**V-ESCCA**	**Europa Saal**
12:45-12:50		V-ESCCA: advancing the clinical analysis of extracellular vesicles	Florian Kern (Brighton, UK)
12:50-14:15		*Lunch break, Exhibition, Posters*	Exhibition area
14:15-15:15	**PLE04**	**Selected Best Abstracts 1**	**Europa Saal**
Chairs:		José-Enrique O'Connor (Valencia, ES), Matthias Wechdorn (St. Pölten. AT)	
14:15-14:30	PLE04-01	Ultra-Sensitive FMC63 CAR-T Monitoring Using the superRCA Assay	Loora Laan (Uppsala, SE)
14:30-14:45	PLE04-02	Whole-blood quantification of circulating myeloid-derived suppressor cells by flow cytometry in myelodysplastic neoplasms and chronic myelomonocytic leukemia	Sihem Tarfi (Créteil, FR)
14:45-15:00	PLE04-03	Comprehensive profiling of the bone marrow microenvironment reveals an exhausted immune signature associated with tumor burden in acute myeloid leukemia	Nicole Fincato (Bologna, IT)
15:00-15:15	PLE04-04	Clinical validation and implementation of a 21-colour spectral cytometry antibody tube for AML-MRD assessment	Naeem Khan (Birmingham, UK)
15:15-15:45		*Coffee break, Exhibition, Posters*	Exhibition area
15:45-17:00	**PAR03**	**Methods, techniques and QA in Flow**	**Europa Saal**
Chairs:		Iuri Marinov (Prague, CZ), Evdoxia Gounari (Thessaloniki, GR)	
15:45-16:15	PAR03-01	Indirect estimation of reference intervals	Matthias Beck (Erlangen, DE)
16:15-17:00	PAR03-02	Methods, techniques and QA in Flow – Roundtable	
Moderator:		Iuri Marinov (Prague, CZ)	
Pannelists:		Tomas Kalina (Prague, CZ)	
		Sam Nti (Sheffield, UK)	
		Martin Perez-Andres (Salamanca, ES)	
15:45-17:00	**PAR04**	**Spatial biology and the TME**	**Mozart Saal**
Chairs:		José-Enrique O'Connor (Valencia, ES), Florian Kern (Brighton, UK)	
15:45-16:15	PAR04-01	Angiocrine Remodeling of Liver Zonation during Chronic Hepatitis	Donato Inverso (Milan, IT)
16:15-16:45	PAR04-02	From Human Aging to Multiple Myeloma: Translational Mapping of the Bone Marrow Niche by Single-Cell and Spatial Transcriptomics	Isabel Calvo (Pamplona, ES)
16:45-17:00		Q&A	
17:00-18:00		**ESCCA General Assembly**	**Mozart Saal**
20:00-21:00		**Chamber Concert**	**Mirabel Palace**
		offered by the Mayor of the City of Salzburg and the Governor of the Province	
		Pre-registration required. Limited number of places, 1 ticket per person on a first come, first served basis	

FRIDAY 11 SEPTEMBER 2026

09:30-10:45	**PAR05**	**Reshaping our flow**	**Europa Saal**
Chairs:		Juan Flores-Montero (Salamanca, ES), Arianna Gatti (Milan, IT)	
09:30-10:00	PAR05-01	From Nanoprobe Design to Clinical Application: Multispectral Sample Barcoding for Surface Marker Mapping in Childhood T-Cell Acute Lymphoblastic Leukemia	Tomas Kalina (Prague, CZ)
10:00-10:30	PAR05-02	Fully automated detection of CLL MRD	Sebastian Bottcher (Rostock, DE)
10:30-10:45		Q&A	
09:30-10:45	**PAR06**	**Genotype and Epigenetics versus Phenotype**	**Mozart Saal**
Chairs:		José-Enrique O'Connor (Valencia, ES), Florian Kern (Brighton, UK)	
09:30-10:00	PAR06-01	Epigenetics of the immune system during infection: a bridge between phenotype and function	José-Enrique O'Connor (Valencia, ES)
10:00-10:30	PAR06-02	Applications of DNA methylation analysis beyond standard immune cell quantification	Sven Olek (Berlin, DE)
10:30-10:45		Q&A	
10:45-11:15		*Coffee break, Exhibition, Posters*	Exhibition area
11:15-12:15	**PLE05**	**Interactive case presentations Lymphomas**	**Europa Saal**
Chair:		Matthias Wechdorn (St. Pölten. AT)	
11:15-12:15	PLE05-01	Case presentation	Katrin Hefler-Frischmuth (Linz, AT)
12:15-12:45	**IPP04**	**ESCCA Industrial Partner Presentation by Cytek**	**Europa Saal**
Chairs:		Matthias Wechdorn (St. Pölten. AT)	
12:15-12:45		Do We Really Need 40 Colors? Rethinking Spectral Cytometry For Routine Diagnostics And MRD Monitoring	Mikael Roussel (Rennes, FR)
12:45-14:00		*Lunch break, Exhibition, Posters*	Exhibition area
14:00-15:00	**PLE06**	**ESCCA/ESID joint session – Immunology**	**Europa Saal**
Chairs:		Willemijn Hobo (Nijmegen, NL), Margarita Maurer-Granofszky (Vienna, AT)	
14:00-14:30	PLE06-01	Flow cytometry PID diagnosis, beyond B, T and NK in session	Martin Perez-Andres (Salamanca, ES)
14:30-15:00	PLE06-02	High-resolution multiplex flow cytometry assay systems for the detection of specific human serum (auto)antibodies	Winfried Pickl (Vienna, AT)
15:00-16:00	**PLE07**	**Selected Best Abstracts 2**	**Europa Saal**
Chairs:		Willemijn Hobo (Nijmegen, NL), Orianne Wagner-Ballon (Créteil, FR)	
15:00-15:15	PLE07-01	A Rapid Flow Cytometry-based Functional Test for Diagnosis of Ataxia-Telangiectasia	Andrey Russiyanov (Moscow, RU)
15:15-15:30	PLE07-02	The impact of age and sex on the human immune system revealed by high-dimensional flow cytometry in 2000 healthy individuals	Thomas Liechti (Oslo, NO)
15:30-15:45	PLE07-03	Carbocyanine Tandem Dyes Reveal Lipoprotein Corona Instability by Flow Cytometry	Georgios Paterakis (Athens, GR)
15:45-16:00	PLE07-04	Standardization of Platelet-Derived Extracellular Vesicle Measurement by Flow Cytometry: Results from the Italian Network of Core Facilities (NICo)	Paola Lanuti (Chieti, IT)
16:00-16:30		*Coffee break, Exhibition, Posters*	Exhibition area

16:30-16:45	**CL1**	**Corporate Lecture by 300K Solutions**	**Europa Saal**
Chair:		Orianne Wagner-Ballon (Créteil, FR)	
16:30-16:45		Rethinking Sample Preservation for Modern Flow Cytometry	Mario Tenera Morgado
16:45-17:30	**PLE08**	**Interactive case presentations Acute Leukemias**	**Europa Saal**
Chair:		Orianne Wagner-Ballon (Créteil, FR)	
16:45-17:30	PLE08-01	Case presentation	Willemijn Hobo (Nijmegen, NL)
19:00-23:00		**Conference Dinner**	
		Pre-registration required; a fee applies	

SATURDAY 12 SEPTEMBER 2026

09:00-10:15	**PAR07**	**Histories red cells tell**	**Europa Saal**
Chairs:		Juan Flores Montero (Salamanca, ES), Margarita Maurer-Granofszky (Vienna, AT)	
09:00-09:30	PAR07-01	Flow cytometry analysis of erythropoiesis refine response prediction in lower risk MDS	Marco Gabriele Raddi (Florence, IT)
09:30-10:00	PAR07-02	Dyserythropoiesis, from morphology to imaging flow cytometry	Despoina Violidaki (Lund, SE)
10:00-10:15		Q&A	
09:00-10:15	**PAR08**	**Analysis of immune cell metabolism by flow cytometry**	**Mozart Saal**
Chairs:		Evdoxia Gounari (Thessaloniki, GR), Florian Kern (Brighton, UK)	
09:00-09:30	PAR08-01	Metabolic profiling of antigen-specific CD8+ T cells by spectral flow cytometry	Ramon Arens (Leiden, NL)
09:30-10:00	PAR08-02	Impact of cryopreservation on immune cell metabolism as measured by SCENITH	*to be announced*
10:00-10:15		Q&A	
10:15-10:45		*Coffee break, Exhibition, Posters*	Exhibition area
10:45-10:55	**CL2**	**Corporate Lecture by Hema.to**	**Europa Saal**
Chairs:		Margarita Maurer-Granofszky (Vienna, AT), Juan Flores-Montero (Salamanca, ES)	
10:45-10:55		Efficient flow-cytometry data analysis with CellStudio (RUO)	Martin Becker
10:55-11:40	**PLE09**	**Keynote Lecture 2**	**Europa Saal**
Chairs:		Margarita Maurer-Granofszky (Vienna, AT), Juan Flores-Montero (Salamanca, ES)	
10:55-11:40	PLE09-01	Advanced MFC-MRD Detection in the Immunotherapy Era in Pediatric ALL	Barbara Buldini (Padova, IT)
11:40-12:25	**PLE10**	**Interactive case presentations in Immunology**	**Europa Saal**
Chair:		Margarita Maurer-Granofszky (Vienna, AT)	
11:40-12:25		Case series	Marianna Tzanoudaki (Athens, GR)
12:25-13:00	**PLE11**	**ESCCA Awards session & Closure**	**Europa Saal**
Chairs:		Juan Flores-Montero (Salamanca, ES), Orianne Wagner-Ballon (Créteil, FR)	
12:25-12:40		Clinical Cytometry Best Original Paper Award 2025-2026	
12:40-12:45		Best Oral Presentation & Best Poster Awards	
12:45-12:55		ESCCA 2027	
12:55-13.00		Closing Address	