WEDNESDAY NOVEMBER 25

07:45-08:30 Meeting registration — *Hall - Level +1*

PLENARY SESSIONS

08:30-09:00 Welcome AFC / SIC — *Manuel de Falla Auditorium - Level +1*

- ***AFC President:*** **Cyrille MIONNET** (Marseille, France)
- ***SIC President:*** **Julia ALMEIDA** (Salamanca, Spain)

09:00-10:30 Opening Conference

Chairs: Cyrille MIONNET (Marseille, France), **Catherine BLANC** (Paris, France) & **Nicolas CHAPUIS** (Paris, France)

09:00-09:40 • **Translational Cytometry**
Virginia LITWIN - Bromont, Canada

09:40-10:20 • **Unveiling the molecular basis of T cell malfunctions and disorders using multi-omics approaches**
Bernard MALISSEN - Marseille, France

10:20-10:30 • **Discussion**

10:30-11:15 Coffee break - Visit of exhibition & Posters — *Hall - Level +1*

11:15-12:45 P1 - Technological Advances — *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France), **José-Carlos SEGOVIA** (Madrid, Spain) & **Hervé LUCHE** (Marseille, France)

11:15-11:55 • **P1-K1 - FlowPixel: An open-source, active learning-guided platform for phenotype classification of BD CellView imaging flow cytometry data**
Rui GARDNER - New York, United States

11:55-12:35 • **P1-K2 - Decoding the cellular language of immunity: from single cells to systems insight**
Iyadh DOUAGI - Maryland, United States

12:35-12:45 • **Discussion**

12:45-13:33 Industrial talk - Sony Biotechnology — *Manuel de Falla Auditorium - Level +1*

Chairs: Florent RAFFIN (Brétigny-sur-Orge, France) & **Cyrille MIONNET** (Marseille, France)

• **Sony Biotechnology** SONY
Technical Foundation for Standardized High-Parameter Spectral Flow Cytometry Workflows
Koji FUTAMURA & Ana LONGHINI - United States - Sony

13:33-14:45 Lunch - Coffee - Visit of exhibition & Posters — *Hall - Level +1*

• *Sponsored by* Waters Biosciences (Formerly BD Biosciences) · Beckman Coulter Life Sciences · CYTEK

PLENARY SESSIONS

14:45-15:55 Young Cytometrists — *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France), **Julia ALMEIDA** (Salamanca, Spain), **Clémence GRANIER** (Orléans, France) & **José-Carlos SEGOVIA** (Madrid, Spain)

Selected oral presentations

- **YC-O1 - High-dimensional spatial and spectral cytometry reveals a pro-tumoral CD206^{+}CD11c^{+} macrophage subset in oral squamous cell carcinoma** - Hyame DJEBBOUR - Valbonne, France
- **YC-O2 - Elastin peptides in emphysema-associated lung cancer induce an immunomodulatory phenotype on resident macrophages and T cells** - Hugo DOGNY - Reims, France

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- **YC-O3 - Automated Preprocessing and Monocyte Subset Quantification by Flow Cytometry for CMML diagnosis**
  Kaur SHUBHDEEP - Créteil, France
- **YC-O4 - Influence of estrogen receptor ligands on NK cell functions : consequences on anti-tumour immunity**
  Antonin LANGLAIS - Toulouse, France
- **YC-O5 - Application of Artificial Intelligence for the Characterization and Automated Phenotyping of Complex Cell Populations**
  Phuong-Trang MAI - Paris, France
- **YC-O6 - Fluorochrome Selection Is a Critical Determinant of Extracellular Vesicle Immunophenotyping by Spectral Flow Cytometry**
  Daniele PASTORELLI - Milano, Italy
- **YC-O7 - Development of a 53-color spectral flow cytometry panel for deep phenotyping of human PBMCs**
  Marion SERRA - Paris, France

15:55-16:10 **Symposium Waters Biosciences** — *Manuel de Falla Auditorium - Level +1*

Chairs: Florent RAFFIN (Brétigny-sur-Orge, France) & **José-Carlos SEGOVIA** (Madrid, Spain)

- **New Dimensions in Cell Analysis and Sorting. Exploring Cellular Complexity with CellView™**
  Òscar FORNAS - CRG - Center for Genomic Regulation - Barcelona, Spain

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16:10-16:30 **Eco-responsibility in Cytometry** — *Manuel de Falla Auditorium - Level +1*

Chairs: Muriel ANDRIEU (Paris, France) & **Jordi PETRIZ** (Barcelona, Spain)

- **Practical Sustainability: Actionable Near-Term Solutions for Flow Cytometry Laboratories**
  Jordi PETRIZ - Barcelona, Spain
- **Cytometry Goes Green: Rethinking Effluent Management**
  Muriel ANDRIEU - Paris, France

16:30-17:00 **Industrial talks** — *Manuel de Falla Auditorium - Level +1*

Chairs: Clément TRUNET (Quimper, France) & **Julia ALMEIDA** (Salamanca, Spain)

- **Cytek Biosciences - A Full Spectrum of Solutions**
  Fabien PITOISET - Cytek - Amsterdam, The Netherlands
- **Beckman Coulter** (12-min presentation)
  Making Spectral Flow Simpler: Tackling Autofluorescence with CytoFLEX mosaic™
  Andreas WICOVSKY - Beckman Coulter - Krefeld, Germany
- **Hellma - NextGen Cytometry Flow Cell For Rapid Prototyping**
  Collin HUCKLESBY - Hellma - Mullheim, Germany
- **ThermoFisher Scientific**
  Beyond the Gates: From Flow Cytometry Data to Discovery with AI
  Gayle BULLER - ThermoFisher Scientific - Eugene, USA

17:00-17:45 **Coffee break - Visit of exhibition** — *Hall - Level +1*

POSTER SESSION 1 - odd-numbered — *Hall - Level +1*

PARALLEL SESSIONS

17:45-19:15 **SP1 - Hematology 1: Lymphoid Hematology Session** — *Manuel de Falla Auditorium - Level +1*

Chairs: Ludovic LHERMITTE (Paris, France) & **Julia ALMEIDA** (Salamanca, Spain)

17:45-18:15 • **SP1-K1 - CD158k/KIR3DL2 for diagnosis and therapeutic target of Sezary syndrome**
Hélène MOINS - Paris, France

18:15-18:45 • **SP1-K2 - Tumor dissemination and immune escape driving myeloma progression**
Bruno PAIVA - Pamplona, Spain

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18:45-19:15 *Selected oral presentations*

- **SP1-O1 - CD6 as a Novel Phenotypic Marker for Screening Mature T-Cell Chronic Lymphoproliferative Disorders: A Multicenter FranceFlow/CytHem Flow Cytometry Study**
  Ludovic LHERMITTE - Paris, France
- **SP1-O2 - Flow Cytometry Analysis of Stereotactic Brain Biopsy Rinse Fluid Enhances Early Detection of Brain Lymphoma: A Large-Scale Study Based on Seven Years of Clinical Experience, on behalf of CytHem-LOC**
  Magali LE GARFF-TAVERNIER - Paris, France
- **SP1-O3 - Long-term follow up of low-count monoclonal B-cell lymphocytosis: clone evolution and clinical outcome after 18 years since diagnosis**
  Ignacio CRIADO - Salamanca, Spain

17:45-19:15 **SP2 - High Content** *Andalucia I+II - Level +1*

Chairs: Concepción MARAÑÓN (Granada, Spain) & **Olivier MOLENDI-COSTE** (Lille, France)

17:45-18:15
- **SP2-K1 - Mass cytometry–based immunophenotyping in multicenter clinical consortia**
  Paulina RYBAKOWSKA - Granada, Spain

18:15-18:45
- **SP2-K2 - Spatial profiling of residual TNBC identifies CHIT1^{+} lipid-associated macrophages as markers of chemo-immunotherapy response: integrating spatial transcriptomics and immunostaining for biomarker discovery**
  Margaux GARDET - Paris, France

18:45-19:15 *Selected oral presentations*

- **SP2-O1 - Dual-Laser High-Throughput Full-Spectrum Imaging Flow Cytometry**
  Yong HAN - Beijing, China
- **SP2-O2 - High-dimensional mass cytometry reveals CD38-associated immune states across systemic autoimmune diseases**
  Álvaro LÓPEZ - Granada, Spain
- **SP2-O3 - Comparative Performance Benchmarking of Lunarion vs. Helios and CyTOF XT Mass Cytometers**
  Axel SCHULZ - Berlin, Germany

17:45-19:15 **SP3 - Microbiology 1: Gut Microbia / Probiotics** *Andalucia III - Level +1*

Chairs: Enrique O'CONNOR (Valencia, Spain) & **Clément TRUNET** (Quimper, France)

17:45-18:15
- **SP3-K1 - The influence of environmental conditions on the physiology of spore-forming bacteria. Application to sporeforming probiotics**
  Clément TRUNET - Quimper, France

18:15-18:45
- **SP3-K2 - Flow cytometry for microbes & microbiota applications**
  Vincent THOMAS - Gif-Sur-Yvette, France

18:45-18:55 *Selected oral presentation*

- **SP3-O1 - Multiparametric flow cytometry reveals distinct physiological and detoxification responses to Se(IV) and Se(VI) in *Stenotrophomonas Bentonitica***
  Guillermo LAZÚEN-LÓPEZ - Granada, Spain

PLENARY SESSION

19:15-20:45 **P2 - AFC / SIC Round Meeting North Africa** *Manuel de Falla Auditorium - Level +1*

Chairs: Catherine BLANC (Paris, France), **Jordi PETRIZ** (Barcelona, Spain), **Fatima L'FAQIHI-OLIVE** (Toulouse, France), **Lydia CAMPOS** (Lyon, France), **Zosia MACIOROWSKI** (Paris, France), **Anis LARBI**, **Virginia LITWIN** (Bromont, Canada) & **Hervé LUCHE** (Marseille, France)

- **Round Meeting**
  Khadija AKARID - Casablanca, Morocco
  Fadila GUESSOUS - Casablanca, Morocco
  Najla MEKKI - Tunis, Tunisia
  Azzeddine TAHIAT - Alger, Algeria
  Oumar DIALLO - Conakry, Guinea
  Bernard Marie BITYE ZAMBO - Cameroon
  Justin KOMGUEP NONO - Cameroon

20:45 **Welcome Cocktail** *Hall - Level +1*

THURSDAY NOVEMBER 26

07:45-08:30 **Meeting registration** *Hall - Level +1*

PLENARY SESSIONS

08:30-09:30 **P3 - Immunology** *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France), **Jordi PETRIZ** (Barcelona, Spain)

08:30-08:55 • **P3-K1 - Immunotherapy with CART cells for Hematological Malignancies**
Javier BRIONES - Barcelona, Spain

08:55-09:20 • **P3-K2 - Eomes sustains progenitor CD4⁺ T helper cells to promote anti-tumor immunity during immunotherapy**
Anne DEJEAN - Toulouse, France

09:20-09:30 • **Discussion**

09:30-09:40 **Software presentation - Hema.to** *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France) & **Jordi PETRIZ** (Barcelona, Spain)

• **Hema.to - Efficient flow-cytometry data analysis with CellStudio (RUO)**
Felix KUNZWEILER - Hema.to - Munich, Germany

HEMATO

09:40-10:00 **Industrial talks** *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France) & **Jordi PETRIZ** (Barcelona, Spain)

• **Agilent Technologies - Agilent NovoStation Sample Preparation System: Discover how your flow cytometry workload can be standardized & secured from A to Z**
Emeric DERUY - Agilent - Les Ulis, France

Agilent Trusted Answers

• **Waters Biosciences** (12-min presentation) **- FACSDiscover™ Family: Resolution, Flexibility, and Reproducibility for the Next Era of Spectral Flow Cytometry**
Laura FERRER - Waters Biosciences - Navarcles, Spain

Waters™ Biosciences Formerly BD Biosciences

10:00-10:30 **Industrial talk - Cytek Biosciences** *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France) & **Jordi PETRIZ** (Barcelona, Spain)

• **Cytek Biosciences - The Frontiers Of Spectral Flow Cytometry**
Yacine KHARRAZ - Cytek - Amsterdam, The Netherlands

CYTEK®

10:30-11:15 **Coffee break - Visit of exhibition & Posters** *Hall - Level +1*

PLENARY SESSIONS

11:15-12:15 **P4 - Hematology** *Manuel de Falla Auditorium - Level +1*

Chairs: Julia ALMEIDA (Salamanca, Spain) & **Nicolas CHAPUIS** (Paris, France)

11:15-11:40 • **P4-K1 - FCM for molecular detection of single point gene mutations**
Alberto ORFAO - Salamanca, Spain

11:40-12:05 • **P4-K2 - Beyond manual gating: Computational analysis of clinical cytometry data**
Sarah BONTE - Ghent, Belgium

12:05-12:15 • **Discussion**

12:15-12:25 **Software presentation - Metafora** *Manuel de Falla Auditorium - Level +1*

Chairs: Nicolas CHAPUIS (Paris, France) & **Julia ALMEIDA** (Salamanca, Spain)

• **Metafora - METAFlow: Explore beyond the gates with an Augmented Intelligence-driven analysis solution**
João MOURA ALVES - METAFORA biosystems - Villejuif, France

METAflow By METAFORA

12:25-12:55 **Symposium Beckman Coulter** *Manuel de Falla Auditorium - Level +1*

Chair: Nicolas CHAPUIS (Paris, France) & **Julia ALMEIDA** (Salamanca, Spain)

- **Riding the Flow: Exploring Extracellular Vesicles by Flow Cytometry**
  Stephane ROBERT - Marseille, France

12:55-14:10 **Lunch - Coffee - Visit of exhibition & Posters** *Hall - Level +1*

- *Sponsored by* Waters Biosciences (Formerly BD Biosciences), Beckman Coulter Life Sciences, Cytek

PLENARY SESSIONS

14:10-15:10 **P5 - Oceano/Environment** *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France) & **Alberto ALVAREZ-BARRIENTOS** (Badajoz, Spain)

14:10-14:35
- **P5-K1 - Flow cytometry: a game-changer to understand the waltz of plankton in a turbulent Ocean**
  Gérald GRÉGORI - Marseille, France

14:35-15:00
- **P5-K2 - Quantifying Nanoplastic Burdens in Marine Vertebrates: Flow Cytometric Insights into Megafauna Vulnerability and Ecosystem Integrity**
  Jordi PETRIZ - Barcelona, Spain

15:00-15:10
- **Discussion**

15:10-15:25 **Symposium Agilent Technologies** *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France) & **Alberto ALVAREZ-BARRIENTOS** (Badajoz, Spain)

- **Seeing More, Discovering More: The Impact of Flow Cytometry Across Everyday Preclinical Discovery Applications**
  Sara VIERA MORILLA - Madrid, Spain

15:25-15:40 **Symposium Polaris** *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France) & **Alberto ALVAREZ-BARRIENTOS** (Badajoz, Spain)

- **Polaris**
  A mass cytometry story
  Antonio COSMA - Dudelange, Luxembourg

PARALLEL SESSIONS

15:40-17:10 **SP4 - Hematology 2: Myeloid Hematology Session** *Andalucia III - Level +1*

Chairs: Lydia CAMPOS (Lyon, France) & **Juan A. FLORES-MONTERO** (Salamanca, Spain)

15:40-16:10
- **SP4-K1 - Flow cytometry in myelodysplastic neoplasms: from diagnosis to prognostic stratification; the CytHem SMD experience**
  Nicolas CHAPUIS - Paris, France

16:10-16:40
- **SP4-K2 - Plasmacytoid dendritic cells associated to myeloid tumor: reactive vs clonal expansion**
  Belén VIDRIALES - Salamanca, Spain

16:40-17:10 *Selected oral presentations*

- **SP4-O1 - Both rare PNH cells and minor PNH clones should be considered as genuine PNH clones: insights from analysis of the 5-year French nation-wide multicenter observational study**
  Magali LE GARFF-TAVERNIER - Paris, France
- **SP4-O2 - Automated Expert-Independent Flow Cytometry Prediction of AML Genetic Categories within Primitive and Neutrophil Lineage Leukemic cells: a EuroFlow database approach**
  Jessica RIPEPI - Salamanca, Spain

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- **SP4-O3 - GATA2 Deficiency: Integrating Flow Cytometric Immunophenotyping and Next-Generation Sequencing to Establish an Algorithm for Early Diagnosis and Prediction of Myeloid Neoplasia**
  Asma OUAHADA - Tunis, Tunisia

15:40-17:10 **SP5 - Data Analysis** *Manuel de Falla Auditorium - Level +1*

Chairs: Anne-Laure ISCACHE (Toulouse, France) & **Rebeca SÁNCHEZ-DOMÍNGUEZ** (Madrid, Spain)

15:40-16:10 • **SP5-K1 - Integrative Data Analysis of Flow and Imaging Cytometry: Unraveling Hematopoietic Developmental Pathways**
Cesar NOMBELA - Zurich, Switzerland

16:10-16:40 • **SP5-K2 - When flow cytometry becomes visible: using images to refine data analysis**
Amédée RENAND - Nantes, France

16:40-17:10 *Selected oral presentations*

- **SP5-O1 - Characterization of neutrophil heterogeneity in systemic autoimmune diseases using imaging flow cytometry and unsupervised machine learning**
  Teresa CÓRDOBA LILLO - Granada, Spain
- **SP5-O2 - AI-powered analysis of conventional and spectral flow cytometry in clinical diagnosis**
  Alfredo MINGUELA - Murcia, Spain
- **SP5-O3 - Label-Free Identification and Sorting of Mycobacterium tuberculosis-infected Macrophages using Spectral Autofluorescence and Image-derived Morphological Parameters**
  Ioannis PANETAS - Dusseldorf, Germany

15:40-17:10 **SP6 - Functional Cytometry** *Andalucia I+II - Level +1*

Chairs: Jordi PETRIZ (Barcelona, Spain) & **Enrique O'CONNOR** (Valencia, Spain)

15:40-16:10 • **SP6-K1 - Metabolic Flow Cytometry in Spermatozoa: Resolving Bioenergetic Heterogeneity at the Single-Cell Level**
Fernando PEÑA - Caceres, Spain

16:10-16:40 • **SP6-K2 - Clinical Relevance of Platelet-Derived Extracellular Vesicles as Functional Assessment of Platelets**
Romaric LACROIX - Marseille, France

16:40-17:10 *Selected oral presentations*

- **SP6-O1 - Metabolic effects of cell sorting: a comparative analysis across FACS platforms**
  Lidiia RUMIANTSEVA - Leuven, Belgium
- **SP6-O2 - Seeing Cells in Motion: Unlocking the Power of Imaging Flow Cytometry**
  Radhika PATEL - Cambridge, United Kingdom

17:10-17:55 **Coffee break - Visit of exhibition** *Hall - Level +1*

POSTER SESSION 2 - even-numbered *Hall - Level +1*

PARALLEL SESSIONS

17:55-19:25 **SP7 - Immunology 1: Neuro-Immuno** *Manuel de Falla Auditorium - Level +1*

Chairs: Cyrille MIONNET (Marseille, France) & **Clémence GRANIER** (Orléans, France)

17:55-18:25 • **SP7-K1 - Brain-border macrophages control neuroinflammation**
Rejane RUA - Marseille, France

18:25-18:55 • **SP7-K2 - An evolutionarily conserved program linking maternal stress to fetal neuroimmune reprogramming**
Nicolas GAUDENZIO - Toulouse, France

18:55-19:25 *Selected oral presentations*

- **SP7-O1 - Real-Time Kinetic Characterization of Antigen-Specific T Cell Interactions Using Single-Cell Interaction Cytometry**
  Stephane PINHAL - Munchen, Germany

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- **SP7-O2 - Therapeutic efficacy of CAR-T cells in LatY136F mice, a preclinical model for IgG4-related disease and autoimmune disorders**
  Anaïs JOACHIM - Marseille, France
- **SP7-O3 - Deep immunemonitoring in epidermal differentiation disorders: flow cytometry as a translational tool for guided immunotherapy**
  Javier MORÁN PLATA - Salamanca, Spain

17:55-19:25 **SP8 - Microbiology 2: Medical Microbiology** *Andalucia III - Level +1*

Chairs: Clément TRUNET (Quimper, France) & **Enrique O'CONNOR** (Valencia, Spain)

17:55-18:25 • **SP8-K1 - Breaking Boundaries: How Flow Cytometry could transform Microbiology**
Mariana PINHEIRO - Porto, Portugal

18:25-18:55 • **SP8-K2 - IgA and microbial ecology**
Guy GOROCHOV - Paris, France

18:55-19:25 *Selected oral presentations*

- **SP8-O1 - Linking genomic profiles to functional immune phenotypes in high-risk multidrug-resistant *Klebsiella pneumoniae***
  Luminita MARUTESCU - Bucharest, Romania
- **SP8-O2 - Spectral Cytometry Unmasks Drug-Specific Death Signatures in Plasmodium: A Platform for Rapid Mode of Action Discovery**
  Sara VIERA MORILLA - Tres Cantos, Spain

17:55-19:25 **SP9 - Nano-Cytometry** *Andalucia I+II - Level +1*

Chairs: Jordi PETRIZ (Barcelona, Spain) & **Alexia ZAKAROFF** (Toulouse, France)

17:55-18:25 • **SP9-K1 - Incorporating EV-analysis into clinical diagnostic routine: challenges and strategies**
Florian KERN - Brighton, United Kingdom

18:25-18:55 • **SP9-K2 - Defining the Limit of Detection: Current Guidelines for High-Sensitivity Flow Cytometry of EVs and Nanoparticles**
Alberto ALVAREZ BARRIENTOS - Badajoz, Spain

18:55-19:25 *Selected oral presentations*

- **SP9-O1 - CD62E/EphA2-based combined strategy improves the detection, immunocapture and functional assessment of endothelial extracellular vesicles**
  Léa PLANTUREUX - Marseille, France
- **SP9-O2 - Development of an imaging-assisted spectral flow cytometry strategy for exosome detection and selective sorting using the BD S8 Cell Sorter: application to NSCLC research**
  Lucile GUENO & Virginie DEHAME - Nantes, France
- **SP9-O3 - Conventional Flow Cytometer or Nanoscale Flow Cytometer: Is it worth the investment?**
  Alfonso BLANCO - Dublin, Ireland

PLENARY SESSION

19:25-20:10 **SIC General Assembly** *Manuel de Falla Auditorium - Level +1*

21:00 **Gala Dinner** *Carmen de los Chapiteles - Granada*

- *Sponsored by* SONY

FRIDAY NOVEMBER 27

07:15-08:00 **Meeting registration** *Hall - Level +1*

PLENARY SESSION

08:00-09:30 **GECLID Meeting / SIC Working Groups Meetings** *Manuel de Falla Auditorium - Level +1*

08:00-08:45 • **GECLID External Quality Assessment Program: Growth, Innovation, and Quality Improvement in Laboratory Immunology and Histocompatibility**
Carmen MARTÍN ALONSO - Valladolid, Spain

08:45-09:30 • **SIC Program of EQA**
Martin PÉREZ-ANDRÉS - Salamanca, Spain

PARALLEL SESSIONS

09:30-11:00 **SP10 - Immunology 2** *Andalucia I+II - Level +1*

Chairs: Cyrille MIONNET (Marseille, France) & **Jordi PETRIZ** (Barcelona, Spain)

09:30-10:00 • **SP10-K1 - Clinical flow cytometry for inborn errors of immunity**
Jérémie ROSAIN - Paris, France

10:00-10:30 • **SP10-K2 - Translational Flow Cytometry in Clinical Immunology: Real-World Applications for Monitoring Immunomodulatory Treatments**
Aina TENIENTE-SERRA - Barcelona, Spain

10:30-11:00 *Selected oral presentations*

• **SP10-O1 - Spatial Immune Profiling of Mesenteric Lymph Nodes in Colorectal Cancer**
Amber BOUTENS - Ghent, Belgium

• **SP10-O2 - CD22 Expression by Follicular T Cells in Immune Dysregulation Diseases**
Fatma ÖKTELİK - Fatih, Turkey

• **SP10-O3 - High IgE levels in chronic spontaneous urticaria patients are associated with an activated phenotype in immune cells expressing FcεRI**
Andreia SOUSA - Coimbra, Portugal

09:30-11:00 **SP11 - Standardization** *Manuel de Falla Auditorium - Level +1*

Chairs: Anne-Laure ISCACHE (Toulouse, France) & **Catarina MARTINS** (Lisbon, Portugal)

09:30-10:00 • **SP11-K1 - Standardizing high dimensional spectral cytometry protocols and panels for whole blood immune phenotyping**
Milena HASAN - Paris, France

10:00-10:30 • **SP11-K2 - ISO 9001 management in a Flow Laboratory: Transition from Conventional to Spectral Cytometry**
Rebeca SÁNCHEZ-DOMÍNGUEZ - Madrid, Spain

10:30-11:00 *Selected oral presentations*

• **SP11-O1 - Spectral Flow Cytometry Without Borders: Standardizing Panels and System Templates Across Sites**
Gert VAN ISTERDAEL - Ghent, Belgium

• **SP11-O2 - No harmonization, no model: laboratory standardization as the foundation of CITO-EPID, a multicentre web platform for BAL flow cytometry in ILD**
Alfredo MINGUELA - Murcia, Spain

• **SP11-O3 - Standardized Multicenter CyTOF Immunophenotyping Across Instruments and Centers**
Mehmet Serdar KOCA - Granada, Spain

11:00-11:45 **Coffee break** *Hall - Level +1*

PLENARY SESSIONS

11:45-13:15 **Closure Conference (SIC)** *Manuel de Falla Auditorium - Level +1*

Chairs: Julia ALMEIDA (Salamanca, Spain) & **José-Carlos SEGOVIA** (Madrid, Spain)

11:45-12:25 • **Toward the Future of Spectral Flow Cytometry: Fundamental Limits, Noise, and Optimal Unmixing**
Bartek RAJWA - West Lafayette, United States

12:25-13:05 • **At the limits of immune resolution Spectral Flow Cytometry for Comprehensive Immune Monitoring**
Juan J. GARCÍA-VALLEJO - Amsterdam, Netherlands

13:05-13:15 • **Discussion**

13:15-13:27 **Industrial talk - 300K Solutions** *Manuel de Falla Auditorium - Level +1*

Chairs: Julia ALMEIDA (Salamanca, Spain) & **José-Carlos SEGOVIA** (Madrid, Spain)

• **300K Solutions**
Rethinking Sample Preservation for Modern Flow Cytometry
Mario MORGADO - 300K Solutions - Villamayor, Spain

13:27-14:15 **Award session & Closure - AFC/SIC** *Manuel de Falla Auditorium - Level +1*

• ***AFC President:*** **Cyrille MIONNET** (Marseille, France)
• ***SIC President:*** **Julia ALMEIDA** (Salamanca, Spain)

14:15 **Lunch box and departure** *Hall - Level +1*

• *Sponsored by*