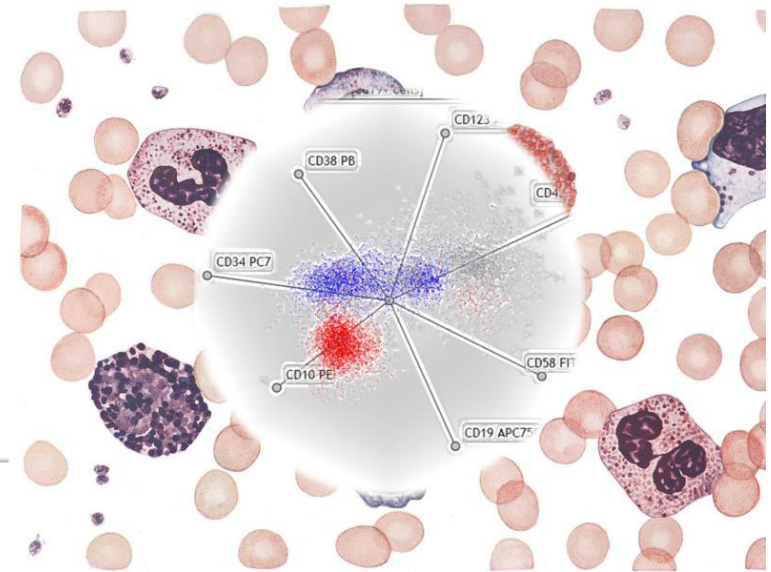


REGISTRATION FEES		
	MEMBERS OF ESCCA OR AFFILIATED SOCIETIES MEMBERS OF SPONSORING INSTITUTIONS	OTHER ATTENDANTS‡
FULL COURSE^o		
EARLY REGISTRATION (Before 30 June 2019)	400 €	500 €
LATE REGISTRATION (Until July 8, 2019)	500 €	600 €
‡) Includes Course materials, lunches and coffees, Welcome Party and Course Dinner plus one-year full membership in ESCCA.		
^o) Attendants of previous ESCCA Summer Schools in Valencia will have 20% reduction in course fees.		
Students from emerging countries and from countries with no national Cytometry society may apply for an ESCCA Travel Fellowship covering the registration fees.		
Course Information and Registration:		
https://escca.eu/education/international-course		
http://www.cipf.es/web/portada/summer-school		
Confirmation and Additional Information: jose.e.oconnor@uv.es		

ESCCA INTERNATIONAL SCHOOL ON CYTOMETRY



FLOW CYTOMETRY IN HEMATOLOGY: A TECHNICAL APPROACH (6th EDITION)

8-12 July 2019

Cytometry Laboratories

**Valencia University and Principe Felipe Research Center
VALENCIA (SPAIN)**



ESCCA
European Society
for Clinical Cell Analysis



Fondo Europeo de
Desarrollo Regional

Una manera de hacer Europa



PRINCIPE FELIPE
CENTRO DE INVESTIGACION

**VNIVERSITAT
DE VALÈNCIA**

INCLIVA | VLC
Instituto de Investigación Sanitaria

BACKGROUND

- Flow Cytometry has become a complex and powerful tool for cell analysis, essential in many clinical applications for diagnosis, prognosis and therapy monitoring. Knowledge of the basic principles of Flow Cytometry and the critical points of its practical implementation is essential for optimal use of cytometry in the clinical context.

ESCCA INTERNATIONAL SCHOOL ON CYTOMETRY (EISC)

- EISC is a program of integrated educational and training initiatives oriented to provide new skills and tools to design and optimize and manage cytometric experiments and interpret the results obtained. EISC consists of a series of parallel 5-day courses **limited to 20 students per course**. Previous editions of EISC brought together each year more than 50 students from 25 countries, and more than 30 teachers from 16 countries.

FLOW CYTOMETRY IN HEMATOLOGY: A TECHNICAL APPROACH

- This is a **Basic Course** that will address the most relevant applications of Flow Cytometry in Hematology. Emphasis is placed on the technical principles of flow cytometry and management tools, the fundamentals of the main applications, the essential aspects of data analysis and interpretation of the results and the procedures of quality control.
- Theoretical and technical lectures will be delivered by international teachers in the field. The course will include hands-on practicals on assay design and performance in wet-lab experiments. Case-oriented, interactive exercises on analysis and interpretation of real data files will be led by the experts. Flow cytometers, reagents and third-part software will be available for **wet-lab practicals and computer-based exercises**.

THE ESCCA CYTOMETRY SCHOOLS AND ACREDITATION

- This course is part of the **ESCCA Program for Continuous Education (CE)** in Cytometry. At the end of this Course, students may take the examination for the ESCCA **European Certification in Cytometry**. For more details, please visit www.escca.eu

COURSE CONTENTS

LECTURES AND SEMINARS:

- Overview of applications of cytometry in Hematology
- Sample collection and preparation procedures: Blood, bone marrow, lymph nodes and special samples
- Polychromatic immunophenotype: Compensation and gating strategies
- Data management: Acquisition, analysis, display and interpretation
- Assay standardization and validation
- Quality control

CASE-ORIENTED STUDIES IN WET LAB AND COMPUTER ROOM:

- Normal Hematopoiesis
- Erythrocytes and erythroid cells
- Acute and chronic leukemias
- Lymphomas
- Myelodysplastic syndromes
- Minimal residual disease
- Paroxysmal Nocturnal Haemoglobinuria
- Platelets and microvesicles
- Preparation and analysis of usual and special samples
- Use of specific flow cytometry software

ALREADY CONFIRMED TEACHERS

Bruno Brando (Legnano, IT), **Paula Fernández** (Aarau, CH), **Iuri Marinov** (Prague, CZ), **Sergio Matarraz** (Salamanca, ES) **José-Enrique O'Connor** (Valencia, ES), **Claudio Ortolani** (Venice, IT), **Martín Pérez-Andrés** (Salamanca, ES), **Jordi Petriz** (Barcelona, ES), **Graham Pockley** (Sheffield, UK), **Frank Preijers** (Nijmegen, NL), **Andrew Rawstron** (Leeds, UK)