

cnio

AD HOC SEMINAR

“Flow Cytometry Induction Course: fundamentals, applications, data analysis and data presentation”

Venue: 1st Floor Seminar Room. Spanish National Cancer Research Center (CNIO).

Speakers: Lola Martínez, Flow Cytometry Unit Head. CNIO

PROGRAMME

Monday 27th April 2026

(L. Martínez)

Fundamentals of Flow Cytometry & applications 10.00-13.00

We will cover all the concepts and principles of flow cytometry: theory, principles of fluorescence, how instruments work and what could you expect from them. We will also give you a glimpse of the different applications you could use this technology for and go over the guidelines for flow cytometric data presentation so you don't get caught when publishing your data!

Data Acquisition - practical session 14.30-16.30

We will go over the current guidelines for flow cytometric data presentation. Don't get caught when publishing your data! And will run some examples of samples on the cytometers so we could so you how to create an experiment, acquire the experiment, export data files and more.

* The induction course is required to have access to the analytical cytometers of the unit and its aims to total beginners or users with some flow experience to refresh/reinforce concepts and clarify doubts. Registration is need it through the link below, and the cost of the course is 50 Euros (CNIO Members), 75 Euros (Non CNIO Members) and 125 Euros (Industry):

<https://www.cnio.es/eventos/induction-course-flow-cytometry-april-27-2026/>

It includes theoretical and practical sessions in data acquisition. The course will be presential @ CNIO 1st floor seminar room. On Friday before the course start all participants will receive detailed information for the different sessions.

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