

Resource Summary Report

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Centre for Genomic Regulation Flow Cytometry Unit Core Facility

RRID:SCR_023372

Type: Tool

Proper Citation

Centre for Genomic Regulation Flow Cytometry Unit Core Facility (RRID:SCR_023372)

Resource Information

URL: <https://www.crg.eu/en/programmes-groups/crgupf-flow-cytometry-unit>

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Description: Flow cytometry studies optical parameters emitted by particles (cells, cell fractions). Flow cytometers can study a series of parameters of individual particles simultaneously, quickly and on a large number of individualized particles in suspension. Flow cytometers use lasers as a source of light excitement; therefore, it must be possible to mark the particles with one or more fluorescent substances. Information is also collected regarding the size and structural complexity of each particle. This multiparameter study of each particle enables us to analyse subpopulations in complex samples through electronic sorting. Some cytometers are also equipped with sorting and collection modules for particles of interest. The most important applications of flow cytometry include those relating to the study of cell surface receptors, nuclear and cytoplasmic antigens, DNA content, enzyme activity, cell integrity and membrane permeability and calcium flows. The Unit currently hosts five analyzers and two sorters, and is therewith the largest Becton Dickinson site in Spain. The sorters are operated by the facility personnel, who also support the users in experimental design and data analysis. The analyzers are operated by the users themselves, after they have been trained. The facility personnel helps with the experimental design and supervises and monitors the experiments when necessary.

Abbreviations: CRG/UPF

Synonyms: Centre for Genomic Regulation CRG/UPF Flow Cytometry Unit, CRG/UPF Flow Cytometry Unit

Resource Type: access service resource, core facility, service resource

Keywords: USEDit, ABRF

Resource Name: Centre for Genomic Regulation Flow Cytometry Unit Core Facility

Resource ID: SCR_023372

Alternate IDs: ABRF_1702

Alternate URLs: <https://coremarketplace.org/?FacilityID=1702&citation=1>

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Ratings and Alerts

No rating or validation information has been found for Centre for Genomic Regulation Flow Cytometry Unit Core Facility.

No alerts have been found for Centre for Genomic Regulation Flow Cytometry Unit Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.