



Department of Biotechnology
Bhupat and Jyoti Mehta School of Biosciences
Indian Institute of Technology Madras

FLOW CYTOMETRY FACILITY

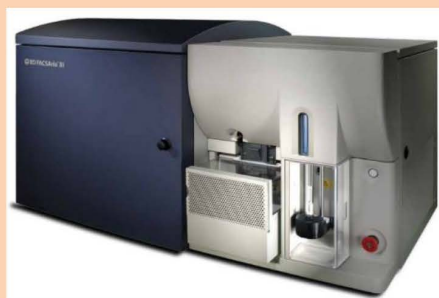
BT Block 1, 4th Floor, Room 419B

The Department of Biotechnology at IIT Madras hosts a core Flow Cytometry Facility which has a wide range of applications in fluorescence studies including cell-based assays, nanoparticle and drug uptake studies, microfluidic research, and other interdisciplinary areas of research at a single cell level and even sub-cellular level. The facility has a cell sorter (BD FACSAria™ III) which can aseptically sort cells and a cell analyser (BD FACSCalibur™) for downstream applications. The cell sorter has 6 lasers including Violet, Blue, Yellow-green, Red, Purple and near-UV which enables the users to design a multi-colour flow cytometry experiment with up to 16 parameters. Fluorochrome-tagged antibodies can be used to quantify, analyse, and sort cells and study them further. We welcome you to our exciting world of flow cytometry for your research needs.

More technical information:

BD FACSAria™ III: <https://www.bdbiosciences.com/en-in/products/instruments/flow-cytometers/research-cell-sorters/bd-facsaria-iii>

BD FACSCalibur™: <https://www.bdbiosciences.com/en-in/products/instruments/flow-cytometers/clinical-cell-analyzers/calibur-discontinuation>



BD FACSAria™ III



BD FACSCalibur™

Facility-in-charge:

Dr. R. Srividhya, FACS facility, 419B, BT Block 1
Phone: 044-2257 5138; Email: facs@smail.iitm.ac.in

Slot Booking and User Charges:

Internal users can book the equipment through ERS portal: ers.iitm.ac.in
External users can contact facility-in-charge.

Equipment Support: Centre for Industrial Consultancy and Sponsored Research (ICSR), IIT Madras