

Bio Immuno Core Facility

FIU Department of Biological Sciences

The Department of Biological Sciences **Bio Immuno Core Facility (BICF)** provides members of the FIU research community with both routine and advanced capabilities in basic and specific training on Flow Cytometry, monoclonal antibody expression and purification. The purpose of this BIC facility is to provide affordable, readily accessible, user-friendly state of the art Flow Cytometry, HPLC and FPLC services to researchers in our research community.

The BIC facility will offer a monthly training for researchers and a hand-on workshop for both undergraduate and graduate students, which will include standard and advance services in Flow Cytometry and protein purification techniques.



Accuri C6 Flow Cytometer system containing a CFlow® Software and a Workstation PC supply all the capabilities of a full-featured flow cytometer analysis. The C6 system includes two lasers (488 and 640 nm) and four color detectors (•FL1 533/30 nm (e.g. FITC/GFP), FL2 585/40 nm

(e.g. PE/PI), FL3 > 670 nm (e.g. PerCP, PerCP-Cy™5.5, PE-Cy7), FL4 675/25 nm (e.g. APC).

The AKTA Prime is a small FPLC design with one-step purification process that operates with most compact columns. The column is attached to the side of the system with preprogrammed methods for affinity tagged proteins, antibodies and simple clean up. This system is ideal for gel filtration, ion exchange, affinity chromatography and buffer exchange.



Please make sure you review our rules, responsibilities and pricing before scheduling your instrument time. The facility is approximately 1000 square feet and is located in OE 258/260. Our hours of operation are Monday through Friday 9:30 am to 5:30 pm.