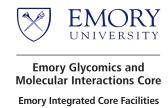
## **FACILITIES & OTHER RESOURCES**

## **Emory Glycomics and Molecular Interactions Core (EGMIC)**

Updated v4 April 2025



## **EMORY GLYCOMICS AND MOLECULAR INTERACTIONS CORE (EGMIC)**

The Emory Glycomics and Molecular Interactions Core (EGMIC), part of the Emory Integrated Core Facilities (EICF), is located in Rooms 665, 665A, and 661 on 6<sup>th</sup> floor the Whitehead Biomedical Research Building (615 Michael Street, Atlanta, GA 30322). EGMIC is equipped with state-of-the-art instrumentation, including an Agilent 6560 Ion Mobility LC-QTOF LC-MS system, an Agilent 6545XT AdvanceBio LC-QTOF LC-MS system, and a TSQ Altis Triple Quadrupole MS from Thermo Fisher Scientific. These advanced systems support high-sensitivity, high-accuracy glycomics and proteomics analyses, as well as the characterization and quantification of a wide range of biomolecules, including small molecules, nucleic acids, peptides, and intact proteins.

Additionally, the core offers label-free molecular interaction analysis through surface plasmon resonance using a Biacore X100, an isothermal titration calorimetry with a MicroCal Auto-iTC200, and flourescent microarray imaging using InnoScan 1100AL microarray scanner.

Figure-1: (A) Whitehead Biomedical Research Building. (B) Floor plan of existing core site (blue box). Existing instruments (blue square) and sample preparation area( blue circle) are indicated.

