Mass Spectrometry Facility

The Mass Spectrometry Facility provides mass spectrometry analysis to researchers and assists in the development and analysis of mass spectrometry experiments. The following services are available in the Mass Spectrometry Facility (MSF):

**Highlighted Services and Example of Fees**

|  |  |  |
| --- | --- | --- |
| **Service** | **Internal Fee** | **Typical Project Comparing Two Sample Groups\*** |
| **Protein Identification** | 50/sample |  |
| **Label-free Protein Quantitation** |  | Whole protein extracts,4 reps each  |
|  Data acquisition Thermo Exploris | 100/1hr, 150/2hr | $1200 |
|  Peaks Online Access and training | $1200/year | $1200 |
|  | Total | $2400 for first project $1200 for subsequent |
| **Untargeted Metabolomics** |  | Extracts, 4 reps each plus QC |
|  **Data Acquisition** | 50/injection | $500 |
|  **Data Analysis training** | $100/person | $600 total |
|  | Total | $1100 |

\*Contact the Facility for specific pricing.

Additional services include small molecule characterization and quantitation (GC/LC-MS) as well as protein molecular weight determination. Project design, sample preparation recommendations and guidelines are available through the website or by contacting the Facility.

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