**Proteomics service**

*at the Oxford Centre for Gene Function (OXION)*

The mass spectrometry facility is available for use by non-OXION members when capacity permits. Preference is given to projects that involve ion channels and/or diseases of electrically excitable cells, but all projects will be considered.
Please contact Dr Holger Kramer (holger.kramer@dpag.ox.ac.uk) who runs the facility, in the first instance.

At the moment we can offer access to a Bruker Ultraflex MALDI TOF/TOF with MS/MS capabilities. Samples should already be desalted/purified (peptides) and digested (proteins), and can be spotted onto a MALDI plate here in the lab - materials and chemicals would be provided by us.

We also offer LC-MS/MS analysis comprising HPLC separation (RP C18 column) and state-of-the-art ESI-Ion Trap MSn analysis with both CID and ETD peptide fragmentation (Bruker Amazon instrument).

The following prices refer to academic groups at the University of Oxford:

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| --- | --- | --- | --- | --- |
| *Service* | *Procedure* | *Instrument* | *Cost (external)* | *Cost (internal, OXION groups)* |
|  |  |  |  |  |
| **Peptide molecular weight** | MS analysis | MALDI | £20 /sample | Please contact |
| **Peptide sequencing** | MS/MS analysis | MALDI-LIFT | £45 /sample | Please contact |
| **Intact protein molecular weight** | MS analysis | MALDI orESI | £30 /sample | Please contact |
| **Protein identification** | MS analysis | MALDI fingerprint | £45 /sample | Please contact |
| **Protein identification** | LC-MS/MS analysis | Ion Trap LC-MS/MS | £75 /sample | Please contact |
| **MALDI instrument use** | MS and MS/MS analysis | MALDI, MALDI-LIFT | £50 /hour | Please contact |
| **MALDI operator training** | MS and MS/MS analysis | MALDI,MALDI-LIFT | Please contact | Please contact |
| **Data analysis training** | MS data mining | Compass, Mascot, Biotools | Please contact | Please contact |

Valid as of November 2013