Fees and Authorship Information**

Fees for Academic/non-profit (outside the School of Pharmacy)

**Purity/Molecular Weight**
MALDI-TOF analysis to determine purity/components of the sample and provide a rough molecular weight (not calibrated)

**Molecular Weight Determination**
MALDI-TOF analysis for protein and peptides with the appropriate calibration (not a protein ID). Mass accuracy is dependent on molecular weight and there is an upper mass limit for calibration.

**Protein ID – Protein Mass Fingerprint**
Suitable for individual proteins or gel spots. Includes Mascot database search.

**Protein ID – MS/MS MALDI-TOF/TOF**
Suitable for individual proteins and mixtures of proteins. Includes Mascot database search.

**RDA analysis (PTM or Non-redundant)**
RDA is in addition to MS/MS Protein ID by MALDI-TOF/TOF

**LC/MALDI**
Nano LC run using predetermined gradient and fraction collection. MS/MS analysis, GPS/Mascot search.

**Manual data analysis/evaluation**
Additional labor

**Zip-tip clean up of sample with C-4 or C-18**

**In-solution/in-gel trypsin digest**
15% discount available for sample batches>20 if paid up front.

Fees for users inside the School of Pharmacy

**Omniflex MALDI-TOF**
Use for trained individual

**Sample analysis by 4800 TOF/TOF**
Does not include any sample cleanup.

**NanoLC/ESI Ion Trap analysis**
<table>
<thead>
<tr>
<th>Service Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method Development for Triple Quad or Q-Tof</td>
<td>$69/hour</td>
</tr>
<tr>
<td>LC/ESI Triple Quad or Q-Tof analysis using established method</td>
<td>$27/sample</td>
</tr>
<tr>
<td>LC/MALDI</td>
<td>$380/sample</td>
</tr>
<tr>
<td>Nano LC run using predetermined gradient and fraction collection. MS/MS analysis, GPS/Mascot search.</td>
<td>$164/additional analysis (RDA)</td>
</tr>
<tr>
<td>Manual data analysis/evaluation</td>
<td>$51/hour</td>
</tr>
<tr>
<td>Zip-tip clean up of sample with C-4 or C-18</td>
<td>$15/sample</td>
</tr>
<tr>
<td>In-solution/in-gel trypsin digest</td>
<td>$50 setup/$25 per sample</td>
</tr>
</tbody>
</table>

**Individuals in industry may contact the facility to discuss available services and fees.**

**Authorship**

Co-authorship is generally expected when core personnel have made significant contributions to the research in the form of consultation, experimental design, method development, data analysis and/or data interpretation. Significant is defined as "the project would not have progressed, or progressed at a substantially slower pace, without the guidance of facility personnel". In such cases, core personnel should have the opportunity to review and edit the appropriate sections of a manuscript before submission.

Acknowledgement of facility contributions is expected in publications that include any data generated in the facility. For example, when fee-for-service is performed with no method development and minimum effort by Core personnel. An example of an appropriate acknowledgement is “The authors wish to thank the University of Colorado School of Pharmacy, Mass Spectrometry Facility for analyzing samples”.

Please inform us when relevant publications are accepted and forward us a copy for our records. We may also post citation information on our website. This information is vital to the continued support of the facility.

**Grant Assistance and Percent Effort**

We are very happy to provide letters of support and assistance in grant writing. For letters of support, please allow at least 2 weeks from the time of your request. Please furnish the following information: Title of grant, agency to which you are submitting the grant, your title and mailing address, and 1-3 sentences on the goals (or specific aims) of your proposal.

Our facility is also dependent on grant support for long-term success and we appreciate your support in keeping the facility funded. To determine if percent effort by core personnel is required, please consider the following:

1) Does the proposal include a specific aim(s) that focuses on mass spectrometry?
2) Is method development is required?
3) Are there large numbers of samples are to be analyzed?
4) Would the aim or proposal not receive a favorable review without the support of Core personnel?
5) Would the project not have progressed, or progressed at a substantially slower pace, without the guidance of facility personnel?