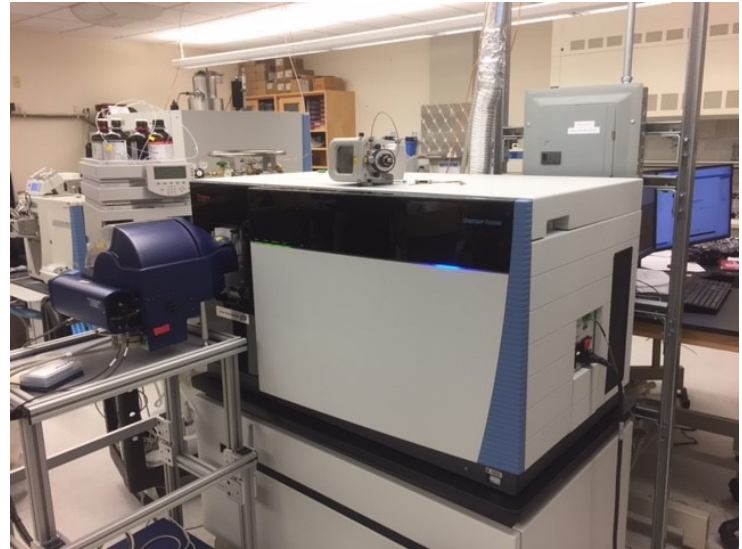
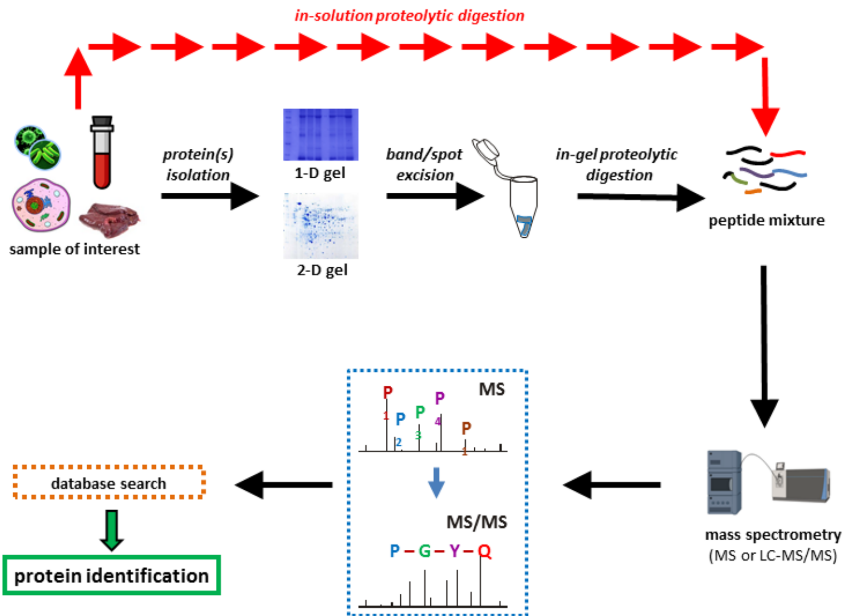


July 25-29, 1p.m.-5p.m., Chemistry 156

## *STARTUP Workshop:* **Proteomics**



<https://doi.org/10.3390/proteomes8030014>

Did you know that NMSU has a state-of-the-art facility for conducting proteomics experiments?

This powerful technology enables you to identify and quantify thousands of proteins including splice variants and post-translational modifications from complex biological samples (cells, tissues, etc.)

This 5-day workshop will explore the entire process of mass spectrometry-based proteomics, from sample processing to data analysis. Get to know the staff and resources available at the Chemical Analysis and Instrumentation Laboratory (CAIL). **Register early for a chance to bring your own samples!**

- Protein extraction and trypsin digestion
- Peptide cleanup and phosphopeptide enrichment
- LC/MS/MS methods on the Orbitrap mass spectrometer
- Label-free quantitation
- Identification of phosphorylation sites

**Contact: Dr. Erik Yukl, NMSU Chemistry and Biochemistry, [etyukl@nmsu.edu](mailto:etyukl@nmsu.edu)**

**Register now at <https://www.surveymonkey.com/r/RZ35MFX>.  
View all RISE events at <https://rise.nmsu.edu/rise-events.html>**