

DATA TYPES and PRODUCTS

Data types will include spectra, primary and analyzed data files, method files, and protocols for the standard operating procedure.

DATA FORMAT

Data format will be the instrument output in raw and processed data formats specific to the vendor of the instrument. Data can be converted to an open access format using built-in export tool or scripting included with instrument vendor software and/or freely available software conversion tools such as Proteo Wizard (Chambers et al. 2012).

ACCESS to DATA and DATA SHARING PRACTICES and POLICIES

Data generated in the MS Lab will be accessible to the generating user and research PI via workstation computers in the MMA lab and via a shared google drive folder if requested. The data sharing practices and policies of the research PI will apply to data after they are transferred to the PI's lab. It is the responsibility of the PI to have a policy that includes, but is not limited to provisions for the protection of privacy, confidentiality, intellectual property, and national security. Requests for data from the MS Lab will be directed to the research project PI, and the MMA will assist in data delivery when agreed upon and as needed. The creation of a public database with MS Lab data, or submission of data to software repositories by MMA scientists will be with the express consent of the research PI that was responsible for generating the data.

POLICIES for RE-USE, RE-DISTRIBUTION and PRODUCTION of DERIVATIVES

Re-use, re-distribution, and the production of derivatives from MS lab data will be at the discretion of and follow the policies of the research PI.

ARCHIVING of DATA

Instrument data generated in the MS lab will be organized by research PI lab and synced with the ARC MMA google drive. Data located on the Google Drive will be accessible on instrument and workstation computers in the MMA via the LAN. Instrument data will be maintained on the Google Drive for 4 years from the date of generation. Data older than 4 years is transferred to a locally stored physical drive for an additional 3 years, for a total of 7 years of data storage from the date of generation. The MMA will maintain archive copies of the instrument data but do not guarantee its useability. It is the express responsibility of the research PI to transfer data and ensure it is in useable format following collection.

REFERENCES

Chambers, M.C., MacLean, B., Burke, R., et al. A cross-platform toolkit for mass spectrometry and proteomics. *Nature Biotechnology* 30, 918-920 (2012)