

Data Sharing Plan *(insert into the Resource Sharing Plan section of PHS398 Research Plan)*

The cardiac SR proteome data produced by the project will be made freely and publicly available for the use of investigators in cardiac biology and medicine:

Mass spectrometer and peptide/protein identification data will be made available by depositing the data to the ProteomeXchange via EBI/PRIDE (<http://www.ebi.ac.uk/pride/>), a mature NIH-funded database. Software tools freely available through EBI/PRIDE will allow researchers to locate, visualize, and download the data from the project in xml format. Deposit of these results will take place prior to the acceptance for publication of the main findings of the project.

Peptide/protein identification data and project publications will also be freely and publicly shared with researchers through DigitalCommons@WayneState, the Wayne State University institutional repository. These data will be made available to researchers in .pdf or .xls format as they are created. The entry for the project in DigitalCommons@WayneState will also refer to the project files stored on the EBI/PRIDE site, thereby increasing visibility and access to the mass spectrometer data.

The data on both repositories (EBI/PRIDE and DigitalCommons@WayneState) will be documented using MIAPE-compliant metadata as defined by the Proteomics Standards Initiative of the Human Proteome Organization to enable unambiguous interpretation and validation of the data by subsequent users.

Significance *(insert into the Research Strategy/Significance section of PHS398 Research Plan)*

The goal of this resource is to determine the complete cardiac SR proteome for canine and human heart ventricular tissue and to make these data freely available to NHBLI collaborators and other investigators whose studies are pertinent to cardiac biology and medicine. The overriding... *{continue from PI's abstract}*

Human Subjects *(insert into the Protection of Human Subjects section of PHS398 Research Plan)*

Prior to sharing any data created by the project, the data will be reviewed for protected health identification (PHI) and appropriate steps to de-identify the dataset will be taken prior to sharing.