Online Repositories

In the previous chapters of the tutorial, we identified proteins using curated database sequences and enriched our results with knowledge from external resources. In order to allow the community to benefit from your results in turn, online repositories are available to enable the exchange of data. Moreover, making the data public is now required by most journals prior to publication.

**Proteomics Results**

The proteomics identifications database[1](#_ENREF_1) (PRIDE, <http://www.ebi.ac.uk/pride>) and ProteomeXchange (<http://www.proteomexchange.org>) are the repositories of choice for protein identification data. PRIDE stores proteomics identification results while ProteomeXchange allows you to store other information as well. For both of them, the identification results should be converted into the PRIDE XML format.

References

1. Martens, L. et al. PRIDE: the proteomics identifications database. *Proteomics* **5**, 3537-3545 (2005).