



## **AMDCC Ontologies/Controlled Vocabulary**

We use controlled vocabularies extensively throughout the website. All the drop down boxes used during data entry or data query use either existing controlled vocabularies or ones developed by the consortium. We have populated our ontology “terms” table with Gene Ontology terms ([www.geneontology.org](http://www.geneontology.org)) and anatomy terms from the Computational Biology and Informatics Laboratory at the University of Pennsylvania (<http://www.cbil.upenn.edu/anatomy.php3>). For mice, we have used the Standard Anatomical Nomenclature Database at University of Edinburgh (<http://genex.hgu.mrc.ac.uk/Databases/Anatomy>) to relate these terms to developmental (Theiler) stages. In addition, we have imported mouse gene information from the Jackson Laboratory for those genes currently associated with GO terms. This enables searches using the gene name, symbol, or GO concept. The ontologies required for microarray data exchange were imported from Chris Stoeckert’s work in the MGED Ontology Workgroup (<http://mged.sourceforge.net/ontologies/index.php>). The AMDCC CBU has been very careful to align our vocabulary with existing groups whenever possible.