

Biological Biochemical Image Database: Data Tool for Pathway Analysis**Becker, K.G.¹, Husain, Rahat^{1,2}, Zhan, M.³****¹Gene Expression and Genomics Unit; ²University of Maryland, Baltimore County, Baltimore, MD, USA;****³Bioinformatics Unit /RRB, National Institute on Aging, NIH TRIAD Technology Center, Baltimore, MD, USA**

The Biological Biochemical Image Database is a searchable database of previously published images of putative biological pathways, macromolecular structures, gene families, and cellular relationships. Each image is directly linked to the review article from which the image was taken, and therefore the content is directly attributable to experts in each sub-field. It allows for the addition of multiple images and alternative versions of related pathways and thus allows for subtlety and variation in pathway description. It is of use to those who are working with large sets of genes or proteins using cDNA arrays, functional genomics, or proteomics. The data-mining tools allow users to cross reference networks of information regarding pathway elements, tissues, cells, and species with relevant published literature. This is of value in that it allows one to selectively search for and retrieve data in a systematic fashion using standardized molecular annotation.

This project was supported by the National Institute on Aging, NIH.