CardioGenBase consists of four major tools to fit the user needs. The tutorial for each of these tools are given below.

**Figure A Disease Finder**
This tool provides all the genes reported for a major cardiovascular disease of interest.

1) Click **Disease** tab
2) Select disease of interest
3) click **Search**
4) In results, click the gene symbol for more details
Figure B  CVD GENE Finder
CVD gene helps the user to identify literature evidences for the gene of interest.

1) Click CVD GENE tab
2) Select disease of interest
3) Choose entry type, Gene symbol or HGNC ID
4) Enter the gene
5) Click Find to retrieve result

The result includes molecular information such as gene description, ontology, literature, SNPs, protein interaction network, gene-drug interaction, molecular pathways, normal gene and protein expression in various tissues and body fluids.
**Figure C Gene Mapper**

Gene Mapper enables users to identify cardiovascular disease associated genes. Multiple query genes could be searched at once.

1) click **Gene Mapper** Tab
2) Enter multiple genes separated by comma
3) Click **Search Genes** for results

The result show input list, disease gene as Venn diagram. Further, the number of articles for the each query gene is provided.
Figure D Gene Expression Finder
This tool enables users to identify the gene expression in various microarray experiment associated to cardiovascular disease conditions.

1) Click Gene Expression tab
2) Choose a disease
3) Select a experiment of interest
4) Enter a gene symbol
5) Click Find Expression