

List of AKS² features:

- Search for a bioentity:
 - By any of its names.
 - By external database IDs.
- See the more relevant information about a bioentity:
 - Name, synonyms and external database information.
 - Relations with other bioentities based on sentences co-occurrenc.
 - Documents where the bioentity is found.
 - Sentence where the bioentity is found.
 - Authors that wrote about that bioentity.
- Relate two bioentities:
 - See common bioentities.
 - See not common bioentities.
 - Obtain documents and sentences share between the two bioentities.
 - Obtain documents and sentences shared among any of the common bioentities.
 - Obtain documents and sentences share between the two bioentities and any others connected to both.
- Relate a group of bioentities:
 - Obtain common bioentities to the group.
 - Extract documents and sentences that support such relations.
- Search for a set of documents.
 - Search documents containing a bioentity (gene/protein, disease, symptom, chemical, drug, organism, bioaction, bioterm).
 - Search documents written by an Author.
 - Search documents mentioning a specific word.
 - Search documents with a PubMed ID (PMID).
 - Perform advanced search with logical operators
 - Limit the search to a certain time period.
- Analyze a set of documents to extract the more relevant bioentities.
- Import lists of bioentities from a file.
- Export/Import results to AKS² XML format.
- Export results to PDF. Three types of report:
 - Summary report.
 - Related bioentity report.
 - Documents report.
- Save results in the system.
- Manage users and analysis permission.
 - User: select the analysis to be privet or public.
 - Admin: define who can see what among the AKS² users.

- See highlight documents.
- Connect to external database entries.
- Update the system daily automatically through the tool AKS updater.
- Visualize bioentity relations as a graph based on co-occurrence in sentences.
- Expand the graph asking for new bioentities to the system.
- Obtain relations among the nodes on the graph.
- See the relevance of the relation between nodes.
- See the number of sentences that supports the relation between two nodes.
- Manage the graph nodes and edges by selecting, moving or deleting along the graph interface.
- Undo and redo actions over the graph.
- Define different layouts to have a clear view of the graph.
- Obtain nodes and edges information.
- Extract new nodes common to a selected group of nodes.
- Open a selected sub-graph in a new window.
- Search for a node within the graph (locator).
- Import a graph from a file.
- Export a graph to a file.
- Save the graph in the AKS² system.
- Save graph to JPEG image.
- Hide graph edges according to the relevance of the relations.
- Hide graph edges according to the number of sentences that supports it.