

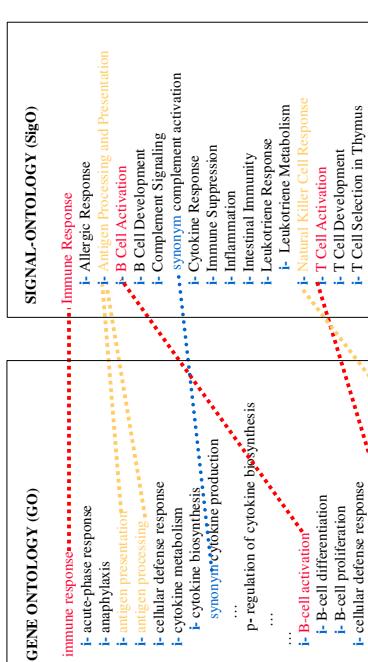
Aligning Biomedical Ontologies

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Due to the recent explosion of the amount of on-line accessible biomedical data and tools, finding and retrieving the relevant information is not an easy task. The vision of a Semantic Web for life sciences alleviates these difficulties. A key technology for the Semantic Web are ontologies. In recent years many biomedical ontologies have been developed and many of these ontologies contain overlapping information. Often we would therefore want to be able to use multiple ontologies. For example, applications may need to use ontologies from different areas and from different views on one area. Ontology builders may want to create a new ontology using existing ontologies or combining knowledge from small ontologies. To obtain good results, we need to find the relationships between terms in the different ontologies, i.e. we need to align them.

Aligning Ontologies



SAMBO System for Aligning and Merging Biomedical Ontologies

<http://www.ida.liu.se/~iiislab/projects/SAMBO/>

matchers: TermBasic TermNN Bio2RDF Prot Bio2RDF

filters: All None

threshold: 0.5

merging: Bio2RDF

merging threshold: 0.5

merging filter: All None

merging score: 0.5

merging weight: 1.0

merging algorithm: Bio2RDF Prot

merging mode: Bio2RDF Prot

merging strategy: Bio2RDF Prot

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