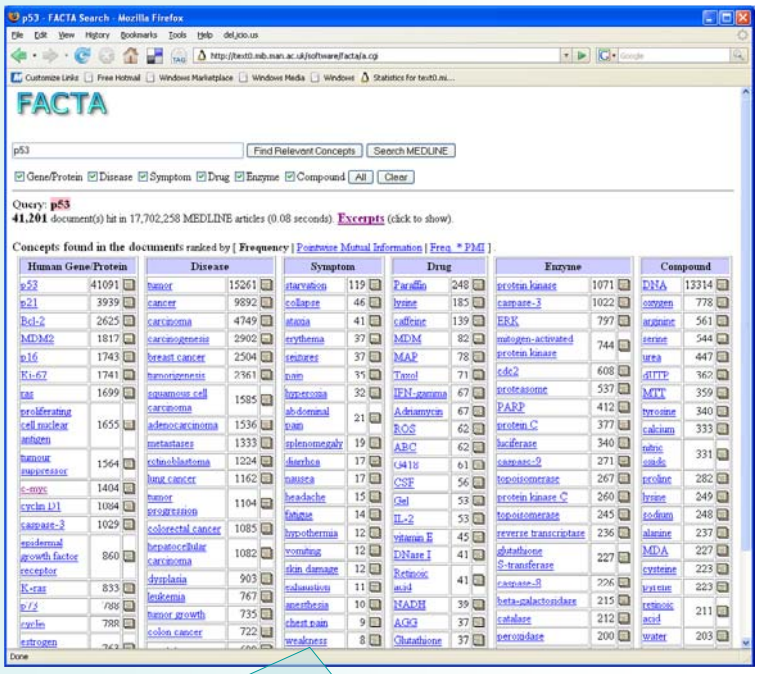
NaCTeM
The National Centre for Text Mining

FACTA

- Finding Associated Concepts with Text Analysis -



FACTA is an advanced text mining tool to help discover associations between biomedical concepts contained in MEDLINE articles. The user can navigate these associations and their corresponding articles in a highly interactive manner.

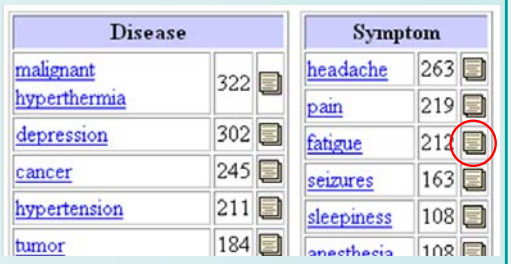
The system accepts an arbitrary query term and displays relevant concepts on the spot. The quick responses are made possible by the pre-indexing of MEDLINE and efficient document/concept retrieval algorithms.

A broad range of concepts are retrieved by the use of large-scale biomedical dictionaries containing the names of important concepts such as genes, proteins, diseases, and chemical compounds.

FACTA is available at
http://www.nactem.ac.uk/software/facta/

Concepts can be ranked by different criteria including frequency and pointwise mutual information

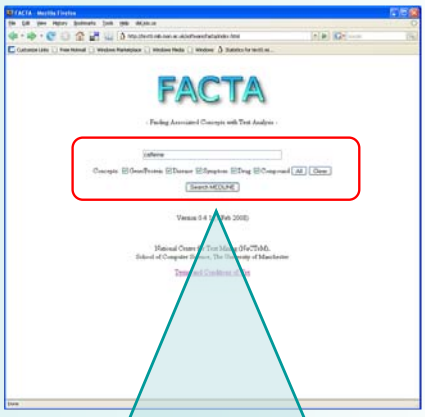
Concepts found in the documents

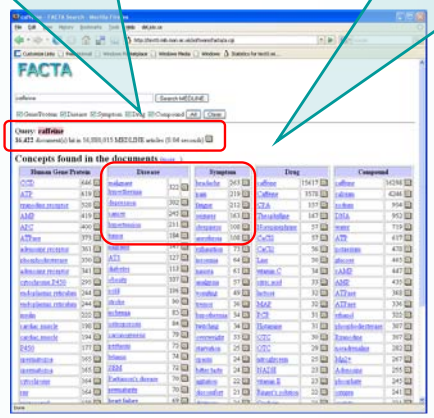


Click!

Document retrieval

Query: **caffeine**
16,422 document(s) hit in 16,880,015 MEDLINE articles (0.04 seconds)





Query term

caffeine

Concepts: Gene/Protein Disease Symptom Drug Compound All Clear

Search MEDLINE

Snippets

Caffeine has been suggested to act as a countermeasure against **fatigue**

JISC

MANCHESTER 1824
The University of Manchester

For more information visit:
www.nactem.ac.uk
or contact
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