

***ToxSeek: Introducing a new generation of meta-search engines at the University and National Library of the University of Debrecen***

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The integration of ToxSeek into the services of the University and National Library of the University of Debrecen began in October 2004.

ToxSeek is a member of a new generation of meta-search engines, which enables simultaneous search in heterogeneous, distributed and cross-disciplinary information sources on the web with improved precision and relevance. As a general-purpose knowledge discovery tool, ToxSeek provides access to the major search engines and directories of the web as well as the diverse biomedical, scientific and scholarly content databases of the hidden web. Using intuitive and customisable user interfaces, ToxSeek retrieves, integrates, ranks and presents the search results as a coherent and dynamic virtual knowledge base by utilising „best practices” Information Retrieval, Natural Language Processing and Artificial Intelligence tools and techniques.