



Biotechnology Information on Dialog

Get to the heart of advancing technologies and medical breakthroughs

When to use it

- ✚ Identify new and emerging technologies in bioscience, biomedicine, chemical and medical engineering
- ✚ Stay informed about market trends, government regulations, warnings and medical milestones
- ✚ Keep watch on research spending and developmental breakthroughs
- ✚ Ascertain key players and monitor competitor activities regarding product development and mergers and acquisitions
- ✚ Protect intellectual property and research prior art through a wide range of technical literature and patent and trademark files
- ✚ Uncover government-sponsored research projects

Who uses it

- ✚ Chemists, biologists, biochemists, engineers
 - ✚ R&D executives, strategic planners, regulatory and medical affairs staff
 - ✚ Clinical developers, strategists
 - ✚ Market analysts, economic forecasters
 - ✚ Patent attorneys and legal staff
 - ✚ Scientists working on federally-funded projects
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Whatever the question: whether you're looking for the latest data on scientific research, patents, drug discoveries, preclinical testing or new treatments—or you need to watch business trends, industry news, key players or regulatory events—you'll find your answers in Dialog.

It is extremely expensive to bring new biotechnology products to market. Companies monitor products in the biotechnology industry to make sure they are not duplicating research already in progress. Dialog brings you to the forefront of scientific research, drug pipeline activity and R&D breakthroughs from renowned sources like Cambridge Scientific Abstracts (CSA), Thomson Derwent, Elsevier, H.W. Wilson and more. You'll find the most comprehensive collection of indexed technical literature available online through the Dialog platform. Through databases that focus on biotechnology you have access to technical journals, such as *Applied Microbiology and Biotechnology*, *Biochemical and Biophysical Research Communications*, *R&D Directions*, *Molecular and Cellular Biology*, *The New England Journal of Medicine*, and *Science*, to name a few. Dialog standardizes this content and indexes it, making it easier to find the right data in literature from different providers.

In addition to scientific content, Dialog offers a wealth of information on every aspect of the biotechnology industry. Searchers who use Dialog learn more about their competitors and their customers. Tapping into business publications, trade journal literature, industry newsletters, fulltext marketing and broker reports, and company directories and financials, searchers gain access to worldwide analysis, expert opinions, market statistics and competitive intelligence. Sources such as *Biomedical Materials*, *Angiogenesis Weekly*, *Stem Cell Week*, *Genetic Engineering News*, *Marketletter*, *Med Ad News*, *BioTechniques* and *R&D Directions*, are just a few examples of highly reliable publications that you can count on for in-depth information, accurate reporting and sound business insights. Add to this the availability of global patent and trademark data, and you have unparalleled data at your fingertips that you cannot get altogether anywhere else.

Biotechnology: technical databases cover the essentials

BIOSIS Previews® (File 5) covers the whole field of research in the biological and biomedical sciences. It contains very strong coverage of meetings, conferences and symposia. In the area of biotechnology, subjects include biochemistry, bioengineering, cell biology, experimental medicine and genetics. Journals include *Biotechnology Advances*, *Molecular Biotechnology*, and *Genome Research*.

EMBASE® (File 73), the online equivalent of *Excerpta Medica Abstract Journals*, is the most current biomedical database available today, and contains bibliographical access to international periodical articles from more than 5,000 primary journals. Medical-research specialists index each record in accordance with EMTREE, a highly developed controlled vocabulary.

PASCAL (File 144) is a multilingual, multidisciplinary database, covering physical science, chemistry, biology, earth sciences and medicine. Key journals include *Chemical Engineering Science*, *Biotechnology and Applied Biochemistry*, *Journal of Neurochemistry*, *Bioprocess and Biosystems Engineering*, and *Critical Reviews in Oncology/Hematology*.

CSA Life Science Abstracts (File 24) embraces major areas of biology, medicine, biochemistry, biotechnology, genetics, immunology and microbiology. It includes more than 5,000 journals and covers conferences, technical reports, selected books and U.S. patents. Print counterparts include *Biotechnology Research Abstracts*, *Calcified Tissue Abstracts*, *Human Genome Abstracts* and *Microbiology Abstracts*.

Derwent Biotechnology Resource (File 357) covers all aspects of biotechnology, including genetic engineering, biochemical engineering, cell culture and waste disposal. Updated weekly, the file also holds bioinformatics, functional genomics, pharmacogenomics and tissue engineering. Patent coverage contains complete *Derwent World Patents Index®* abstracts from 2002 forward.

Ei Compendex® (File 8), from Elsevier Engineering, Inc., is the machine-readable version of *Engineering Index*, which provides abstracted information from more than 4,500 journals and selected government reports and books. It contains extensive treatment of bioengineering and medical equipment. Journals include *Bioresource Technology*, *Biomaterials* and *Journal of Biomedical Materials Research – Part B Applied Biomaterials*.

Biotechnology: looking at business and regulatory files

Adis Newsletters (Files 428,429), from Wolters Kluwer Health, brings together the most important developments in drugs and drug therapy from the world's biomedical literature, major meetings, and symposia. It covers all aspects of drugs and drug therapy, including pharmaceutical research and development.

NewsRX Weekly Reports (File 135) offers business and consumer information relating to drugs, chemicals, biotechnology, science, medicine and health in journals including *Biotech Week*, *Gene Therapy Weekly*, *Proteomics Weekly*, and *Genomics & Genetics Weekly*.

Gale Group collection includes multiple-industry databases embracing international companies, industries, products and markets, with rich indexing that enables highly specific retrieval of relevant articles. Files include Gale Group PROMT® (Files 16,160), Gale Group Trade & Industry Database™ (File 148), Business & Industry™ (File 9) and Gale Group Newsletter Database™ (File 636).

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Prous Science Daily Essentials (Files 458, 459) offers late-breaking information and practical information, including chemical structures, regarding research, development, management, marketing, licensing and new business development. It contains patent literature reflecting research activity around the world.

Regulatory Affairs Journal (File 1837), from Informa UK Ltd., is a unique, single source of intelligence on regulatory affairs for the pharmaceutical industry, filed by a worldwide network of correspondents. Updated daily, the file provides analysis by leading authorities.

Pharmaceutical and Healthcare Industry News (PHIND) (Files 1297, 1307) consists of two files: File 130 is the current material, updated daily, and contains the fulltext of newsletter articles written in the last 25 to 30 days. File 129 is an archival database, and contains the fulltext of indexed articles from the full range of UK Informa (previously PJB) newsletters dating back to 1980.
¹Subscriber access.