



# NextBio on ScienceDirect

Accelerating Scientific Discovery in Life Sciences, Health Sciences and Chemistry

A unique indexing and correlating service available on ScienceDirect enables researchers in the fields of life sciences, health sciences and chemistry to search, discover, compare and share knowledge previously locked within public and proprietary data.

Elsevier and ScienceDirect have partnered with NextBio to provide researchers with text-mining tools and research data from high-quality publicly available sources of information.

This enhancement on ScienceDirect provides researchers with intelligent connections extracted from ScienceDirect content (published from 1995) as well as ScienceDirect peer-reviewed literature together with publicly available research data as compiled by NextBio. These research data sources include PubMed, clinical trials, experimental data correlations & studies and news articles.

## A whole new world of possibilities

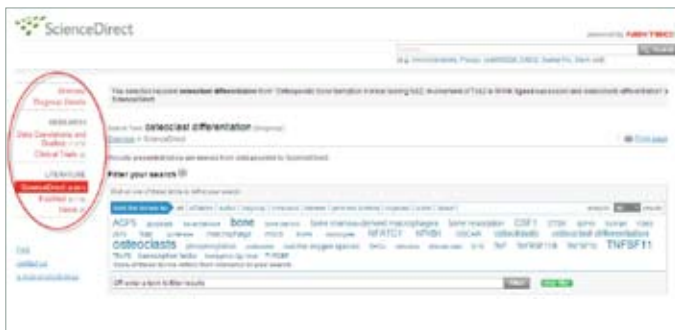
While most scientific information on genes, pathways, diseases, tissues and compounds is available online, it currently resides in various, disconnected locations. ScienceDirect researchers in these subject fields are now armed with millions of ready-made correlations that enable them to extract new insights from existing content as well as to make fresh connections of their own.

By searching through more content, more deeply than ever before, researchers can easily and efficiently identify new paths of exploration, quickly discard ideas that have little merit and ensure that nothing is missed along the way. ScienceDirect empowers researchers to accelerate their scientific discovery.

## How it works

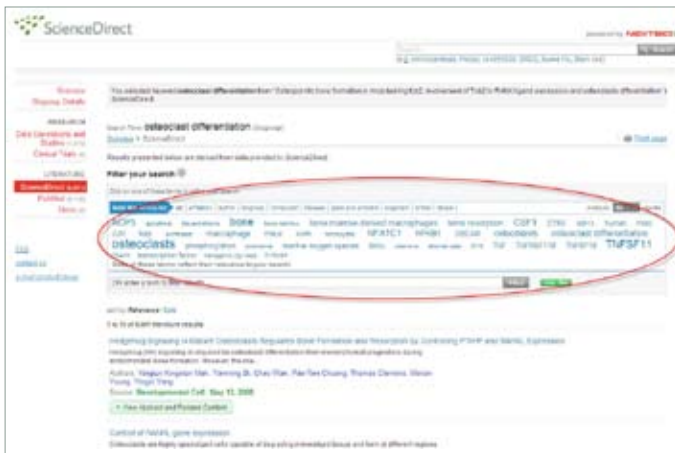


- From an article page on ScienceDirect researchers will find two ways to access the information as compiled by NextBio.
- Within the article, researchers can click on the underlined key terms to further zoom-in on that key term. The pop-up allows researchers to find:
  - related content based on both the article and the key term
  - an easy overview of all sentences where the key term appears to quickly scan the article
  - a description and visual representation of the key term.
- On the right hand side researchers find a gateway with key and search terms from the article that are matched against terms from NextBio's biomedical ontology.



- By clicking on the terms from the selected article or book chapter (excluding pre-1995 content and Major Reference Works) within the right hand side gateway researchers can access the ready-made correlations as provided by NextBio. Results currently include ScienceDirect content, experimental data correlations & studies, clinical trials, PubMed literature and news articles. Additional sources may be added in the future.

## How it works... continued



- Researchers may further sort and filter their results based on ontological classifications, e.g. view only disease-related results and/or locate key authors and their affiliations to name just a few options.
- By closing the pop-up window, researchers may return to the original article they were viewing in ScienceDirect. They can also connect back to other ScienceDirect full-text articles from links within the application.

## ScienceDirect: Your preferred solutions provider

By making ScienceDirect available to your users, you are helping to ensure that those researchers in the fields of life sciences, health sciences and chemistry are equipped with a unique and powerful research tool: one that brings together peer-reviewed and public content on the world's leading full-text research platform.

Elsevier's partnership with NextBio demonstrates our ongoing commitment to providing researchers and librarians with access to enriched content and value-added workflow tools to accelerate research.



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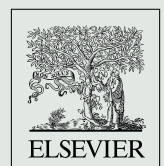
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