

BIOSIS Previews[®]

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Coverage

Updated weekly, *BIOSIS Previews* includes more than 14,500,000 bibliographic records dating from 1969 to the present, with nearly 600,000 records added each year. Selective coverage includes nearly 5,500 journals, as well as international meetings, conference reports, books, and patents.

Areas of coverage include:

botany, ecology, zoology, microbiology, agriculture, biochemistry, biomedicine, bioengineering, biotechnology, genetics, nutrition, public health, sports medicine, experimental clinical medicine, and experimental veterinary medicine.

Search Field Rules

- Searches are not case sensitive.
- Enter words and phrases without quotation marks.
- Separate two or more terms by using logical operators such as AND, OR, NOT, or SAME
- Wildcard/Truncation symbols:
 - * zero to many characters
 - ? 1 character
 - \$ 0 or 1 character
- Wildcards can be placed within a word or at the end.

General Search

Search by subject terms, author name, journal title, author affiliation, and other fields.

Topic

Enter words or phrases joined by search operators. Words not separated by AND are searched as a phrase. Be sure to search for British and American spellings, use truncation for plurals, and search for synonyms. Click the **Title only** check box to restrict the search to document titles.

- Enter **enzym* AND biomass** to retrieve records containing enzyme (or enzymes, enzymatic, or enzymic) and biomass.
- Enter **enzym* SAME biomass** to retrieve records containing enzyme (or enzymes, enzymatic, or enzymic) and biomass in the same sentence, title, abstract, or keyword phrase.

Author

There are two ways to search for authors.

- Select the **Author Index** to choose from a list of authors, editors, inventors, and corporate authors.
- Enter the last name first, and the first initial, followed by an asterisk (*). You may also enter last names without initials.
 - Enter **Sheppard D*** to find Sheppard, Dean; Sheppard, D.C.; Sheppard, D.N.; Sheppard, Donald C.; etc.
 - Enter **Sheppard** to find Sheppard, Dean; Sheppard, Hilary; Sheppard, Patricia; etc.

Source Publication

Enter a full or partial title with an asterisk (*) wildcard. Click the **source index** search aid link to search from a list of source titles.

- Enter **Journal of Cell Biology** to retrieve records of articles published in this journal.
- Enter **Journal of Cell*** to retrieve records of articles published in journals whose titles begin with these words such as *Journal of Cell Biology*, *Journal of Cellular Physiology*, *Journal of Cellular Biochemistry*, and *Journal of Cellular and Molecular Medicine*.

When searching for a book, enter the book title in the Topic field and click the Title only check box. When searching for a book series title, enter the series title in the Source Publication field. Search for the book *Genetic Epidemiology and the Search for Epilepsy Genes* in the series *Advances in Neurology* by entering:

- Topic Field: **epilepsy genes** (click the **Title only** check box)
- Source Publication Field: **advances***

Address

Records include the addresses of the primary authors provided with the source publication. Use truncation with common address terms to find variant spellings. For example, **Univ*** matches University, Universidad, and Univ. Use the SAME operator to search for two or more words in the same address.

- Enter **Univ* SAME Calif* SAME Davis** to retrieve records containing some form of the address University of California at Davis or consider using a zip code (e.g. 95616 for Davis).

Taxonomic Data

Super Taxa are high-level taxonomic terms that refer to broad categories of organisms, including microorganisms. Biosystematic codes are five-digit codes representing taxonomic groups above the genus level. Click the **organism classifiers** search aid link to search from a list of Super Taxa and Biosystematic Codes.

- Enter **Ascomycetes OR Basidiomycetes** to retrieve records containing the terms Ascomycetes, Basidiomycetes, or both.

Major Concepts

Major Concepts are broad subject areas covered in the source document. Click the **list** search aid link to search from a list of concepts.

- Enter **toxicology AND groundwater ecology** to retrieve records that contain both concepts.

Concept Code/Heading

Concept codes are five-digit codes representing broad subject areas in the life sciences. Click the **list** search aid link to search from a list of codes and headings.

- Enter **01500** to retrieve records indexed by the Concept Code on "Evolution."

Chemical and Biochemical

Enter chemical names, variants, drug modifiers, and/or CAS® Registry Numbers to search for records containing chemical and/or biochemical information.

- Enter **analgesic** to find records on pain management.
- Enter **hemoglobin AND glucose** to find records in which both hemoglobin and glucose appear in the Chemical Data table of a record.

Meeting Information

Meeting Information includes the meeting title, meeting location, meeting sponsor, and meeting date.

- Enter **Zoological AND Japan AND Sapporo AND 1996** to retrieve papers presented at the Sixty-seventh Annual Meeting of the Zoological Society of Japan; Sapporo, Japan; September 18-20, 1996.

Advanced Search

Advanced Search enables you to create complex search queries using field tags, search operators, and wildcards.

- Enter **TS=(food AND toxicology AND bovine)** to find records about food poisoning in cows and other members of the Bovinae subfamily.
- Enter **AU=(Watson and Crick)** to find articles written by these two authors.
- Enter **TN=arthropods AND CC=movement** to find records containing the taxa note arthropods and the concept code movement.

Combine Searches

You can combine your General Search and Advanced Search queries to refine the results of your search. These set combinations are simply two or more search queries that are combined to form a single query. Remember to include a number sign (#) before each set number.

- Enter **#1 AND #2** to create a new set of records that are in both sets 1 and 2.
- Enter **#2 OR #3** to create a new set of records that are in either set 2 or set 3.
- Enter **#2 NOT #3** to create a new set of records in set 2 that are not in set 3.

Getting Help

Click the **Help** button on any *BIOSIS Previews* page to get detailed help on features, along with search tips and examples.

Finding Full Text & Call Numbers With UC-eLinks

Use the  button to:

- Link directly to the full text when available
- Check the Melvyl Catalog to see if UCD has the item
- Request the item if UCD does not own it.

Marked List

When you mark records retrieved by a search, they are added to a marked list. Each product in *The Web of Knowledge* has its own marked list. Click the **Marked List** button in the toolbar of *BIOSIS Previews* to access the records you've marked.

You can print, save, export or e-mail marked records. Before selecting an option, follow these steps:

1. Clear the check box next to each record that you do not want to include in the output, and then click **Submit Selections**.
2. Select a sort option.
3. Select the fields you want to include in your output.
4. Select the appropriate output option.

Format for Print Click this button to format the records in HTML with field labels or in a bibliographic format. Click your browser's **Print** button to print the records.

Save to File Click this button to save records in a format suitable for bibliographic management software (i.e. RefWorks) or for another application, such as a spreadsheet.

Export to Reference Software

Click this button to export records directly into *EndNote*®, *ProCite*®, or *Reference Manager*®.

E-mail

Click this button to e-mail the selected records to a colleague. Optionally, enter a return e-mail address and a note to accompany the records.