Encyclopedia of Life Sciences (eLS) User Guide

Coverage

The Encyclopedia of Life Sciences (eLS) provides comprehensive coverage of the life sciences, from structural biology to ecology, and contains over 4,500 peer reviewed articles. It is updated every month and can be accessed both on and off campus.

Access

Log on to the Portal at portal.ulster.ac.uk.

Click on the Learning Resources tab.

Click on the Databases link, displayed under Key Services, on the right hand side of the screen.

Click on E on the A-Z list of databases.

Scroll down and click on Encyclopedia of Life Sciences.

(Off-campus users will be required to enter a username and password – you will be able to access these from a secure link on the screen).

This will take you to the Encyclopedia of Life Sciences home page which looks like this:
Searching

Enter your search term(s) into the search box displayed in the top right of the screen. All articles in the encyclopedia will be searched.

- Combine the terms using the operators **and**, **or**, **but not**.
  - Use **and** to specify that **both** terms must appear in each article found, for example: *fungicides and plant diseases*.
  - Use **or** to specify that **any or all** of the terms must appear in each record, for example: *dna or deoxyribonucleic acid*.
  - Use **but not** to search for one term but not the other, for example: *obesity but not diabetes* will find records which include the term *obesity* but not the term *diabetes*.

- Use quotation marks to search for phrases e.g. “stem cells”. This will retrieve articles where both words are displayed next to each other.

- An asterisk * can be used to search for any word beginning with a set of characters, for example: *cell* will retrieve *cell, cells, cellular* etc.
  - * may also be used to represent zero or more characters within a word, for example: use *tumo*r for *tumor* and *tumour*.

The symbol ? can be used to represent a single character within or at the end of a word, for example: wom?n will find woman or women. ?? represents 2 characters, ??? 3 characters and so on.

**Click on Go.** For example:

```
SEARCH ELS

cancer and "stem cell" GO
```

The encyclopedia is produced by Wiley InterScience. When you click on Go a new Wiley InterScience eLS window will open displaying the results of your search. The screen shot below shows what this looks like.

9th June 2010
Advanced Searching
The Advanced Product Search allows you to refine your search by limiting to particular fields (areas) of each article such as article title, author, section title, by publication date and by topic.

Click on the Advanced Product Search link which is displayed on the right side of the Wiley InterScience screen.

Enter your search terms or phrases, combine these using and, or and but not and apply any limits. Then click on Search, displayed at the bottom of the screen. The screen shot on the next page illustrates how to perform a keyword search for articles in the encyclopedia on dna replication published from 2005 onwards.

9th June 2010
Note: Every article is assigned a number or keywords which describe the key points of the article. When a keyword search is performed the database searches in the Keywords field for the search terms.

Advanced Product Search:

Reference Works Advanced Search

Click here for help

Enter search terms

Only the Keywords section of the record will be searched

Limited to articles published between 2005 and 2010

Click on Search to process the search

9th June 2010
For information on results found, see the **Viewing Results** section below.

To carry out subsequent searches you do not have to go back to the original Encyclopedia of Life Sciences home page. Instead search from the Wiley InterScience eLS window using the **SEARCH THIS TITLE** and **Advanced Product Search** functions available on the top right side of the screen.

**Browsing**

There are two routes:

Browse for articles using the green subject menu displayed on the right side of the original Encyclopedia of Life Sciences home page.

Alternatively, click on the **BROWSE THIS TITLE: Topics** link on the Wiley InterScience eLS page to view the list of subjects.

9th June 2010
Select a subject/topic from the list – for example, click on Immunology. A list of subtopics will be displayed.

Topics

- Introductory
- Intermediate
- Advanced

- Biochemistry
- Cell Biology
- Clinical Medicine
- Developmental Biology
- Ecology
- Evolution and Diversity of Life
- Functional and Comparative Morphology
- Genetics and Disease
- Genetics and Molecular Biology
- Immunology
  - Adaptive Immune Response
  - Antigens and Their Recognition
  - Cells of the Myeloid System
  - Clinical Immunology
  - Infection
  - Innate Immune Response
  - Molecules of the Immune System

Click on a subtopic, such as Antigens and Their Recognition, to view further subtopics or to read the articles listed under that heading.

You can click on further subtopics or select an article to view.
Click on either the HTML or PDF link to read the full text of the article.

From the Wiley InterScience window you can also browse by title of article in the encyclopedia. To do this, click on the BROWSE THIS TITLE: Article Titles A-Z link on the top right of the Wiley InterScience screen.

Viewing Results

The total number of articles retrieved is displayed at the top of the list of results; those with the greatest match % or relevancy are listed first. You can redisplay by date published or by article title, if required. The diamond icons displayed next to each article indicate the readership level:

- **Introductory level**: providing a broad and non-technical treatment of the topic
- **Intermediate level**: these articles provide a middle readership level
- **Advanced level**: these articles are aimed at researchers and advanced students

To view the full text of the article, click on either the PDF or HTML link.

Print, Save, Email

When viewing the article as a PDF file use the print and save functions on the PDF reader as illustrated:

9th June 2010
When viewing the article in HTML format use the print and email links displayed above the full text article as illustrated:

- Recommend to Your Librarian
- Save title to My Profile
- Email this page
- Print this page

My Profile
Register (freely) with Wiley InterScience to create a profile which will enable you to save your searches and receive email alerts. To do this, click on My Profile in the top right of the Wiley InterScience screen and then on Register Now.

Complete the online registration form and click on Submit Registration.

Logging Off
If you have used your Wiley InterScience registration details during the session click on Log Out, displayed at the top of the screen.

Close both the Wiley InterScience and eLS home page windows to disconnect from the encyclopedia.