



## Introduction to Molecular Genetics (GENE3000) – Library Guide

**Description:** A guide to resources for GENE3000  
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### Quick Links

These links provide quick access to MacRae Library's resources and how to use them:

- **WorldCat Local (search book, articles and more!)**  
<http://nsac.worldcat.org>
- **Document Delivery (ordering articles/books)**  
<http://relaisasin.com/access3/loginsta.jsp>
- **Novanet Catalogue**  
<http://aleph1.novanet.ns.ca/F>
- **Find Information (articles, journal titles, etc)**  
<http://nsac.ca/library/FindInformation/default.asp>
- **Quick Facts (data, stats, standards, etc)**  
<http://nsac.ca/library/FindInformation/quickfacts/default.asp>

### Reference

A good basic reference source is the McGraw-Hills **Access Science Encyclopedia of Science & Technology Online**. In order to use this from home, you need to login with your NSAC network username and password.

- **Encyclopedia of Science & Technology Online**  
<https://ezproxy2.nsac.ca/login?url=http://www.accessscience.com/>

### Books

Use the Novanet Catalogue to find books at NSAC or any of the Novanet institutions at: <http://aleph1.novanet.ns.ca/>

Here is a brief listing of books that may be of use to students enrolled in GENE3000 (located in the main bookstacks):

- **Cell and Molecular Biology, 5<sup>th</sup> ed. (Karp, G)**  
QH 581.2 K369 2008
- **Molecular Biology of the Cell, 4<sup>th</sup> ed. (Alberts et al)**  
QH 581.2 M64 2008b
- **Genes VII (Lewin)**  
QH 430 L487 2000

If you are *browsing* the book collection downstairs, molecular biology related books can be found in the following section:

#### SubClass QH - Natural History – Biology:

- QH1-278.5 Natural history (General)
- QH1-(199.5) General  
Including nature conservation, geographical distribution
- QH201-278.5 Microscopy
- QH301-705.5 Biology (General)
- QH359-425 Evolution
- QH426-470 Genetics
- QH471-489 Reproduction
- QH501-531 Life
- QH540-549.5 Ecology
- QH573-671 Cytology
- QH705-705.5 Economic biology

## Find Articles for GENE3000

The following are a listing of some of the databases that contain molecular biology related **articles**: Click on <http://nsac.ca/library/FindInformation/articles.asp> to access the databases from the following list:

- **Academic Search Premier (EBSCO)** contains indexing and abstracts for more than 8,300 journals, with **full text** for more than 4,500 of those titles.
- **Agricola (EBSCO)** contains bibliographic records from the U.S. Department of Agriculture's National Agricultural Library. Dates back to 1970 and include more than 4.1 million citations. Citations include journal articles, monographs, theses, patents, software, audiovisual materials, and technical reports related to agriculture.
- **Agricultural & Biological Index (EBSCO)** provides access to more than 490,000 citations from agricultural and biological literature. This database indexes articles, reports of meetings, review articles, special supplements, and book reviews, dating 1983 to the present
- **CAB Abstracts (EBSCO)** covers the significant research and development literature in the applied life sciences, including agriculture, forestry, human nutrition, veterinary medicine and the environment. Coverage dates back to 1973
- **ScienceDirect**  
Index to over 58,000,000 articles in more than 1700 peer-reviewed journals in science, social science and humanities. Includes over 3,000,000 **full text** articles.
- **Springer Link**  
Many **full text** electronic journals available through the Springer LINK include science, humanities and social sciences, technology, medicine, engineering, environment, economics, and law.
- **Taylor & Francis**  
Covers agricultural science, animal science and

zoology, biocontrol and plant science and more.

**Some full-text.**

- **Web of Science**  
Indexes 8,500 journals cover to cover. Includes Science Citation Index.

## Key Journals for Cell Biology

MacRae Library subscribes to both peer-review (scholarly) and trade (popular press) journals. The following is a small example of some of the journals that may be useful for those in Molecular Biology. We have both print and electronic copies of the following journals at MacRae Library:

- Nature
- Science
- Nucleic Acid
- Plant Molecular Biology
- Molecular and General Genetics
- Plant Journal
- Plant physiology
- Theory & Applied Genetics
- Animal Genetics
- Journal of Animal Breeding and Genetics

Find more journal titles use NSAC's Resolver:

<http://nsac-resolver.asin-risa.ca/>. We have **many thousands of electronic journals** that are available **only online!!!!**

## Writing Help

- **NSAC Style Manual**  
<http://nsac.ca/library/stylemanual/2008StyleManual.pdf>
- **NSAC Writing Centre**  
Check library for schedule
- **RefWorks**  
<http://nsac.ca/library/refworks.asp>