

This guide is intended to help you get started in your search for Biochemistry information at the Library of Science and Medicine (LSM). For more comprehensive information, find Research Resources, then Subject Research Guides on the Rutgers Libraries home page: http://www.libraries.rutgers.edu/rul/rr_gateway/research_guides/research_guides.shtml.

For further information on our resources or guidance on searching a specific topic, please consult a reference librarian.

Find an article

Indexes and Databases: tell you what journal articles have been written on a subject or by a particular author and lead you to the most up-to-date research.

Electronic Databases: Click on "Find Articles" on the Rutgers University Libraries web page. Then select "Indexes and Databases"; all titles are accessible from on-campus computers. Rutgers faculty, staff, and students can access databases from off-campus; click on "Connect from Home" on the Libraries web page.

- Biosis Previews
- Medline
- SciFinder Scholar

Journals

LSM carries an extensive collection of biochemistry journals. Print journals are shelved alphabetically by title on the 3rd floor. Many journals are available online and can be accessed through IRIS, our online catalog (<http://www.iris.rutgers.edu/iris.html>). If the journal title is not found in IRIS, then check the "A-Z list" under "electronic journal lists" (http://www.libraries.rutgers.edu/rul/rr_gateway/ejournals/ejournals.shtml). Some series such as Methods in Enzymology (**QP601.M49**) are cataloged as books.

Another tool for finding biochemistry literature is **Google Scholar** (<http://scholar.google.com>), a free database on the web which provides access to many full-text articles.

Internet Sources

The following is a very selective list of Internet sources on Biochemistry:

- <http://databases.biomedcentral.com> Catalog of biomedical databases including biochemistry, biotechnology, chemical biology and other topics – provided by BiomedCentral,
- <http://mcb.harvard.edu/BioLinks.html> Harvard Department of Molecular and Cellular Biology
- <http://www.ncbi.nlm.nih.gov/> National Center for Biotechnology Information ("Entrez" browser links GenBank to PubMed, the free version of Medline)
- <http://xray.bmc.uu.se/Courses/BioLinks/BioLinks.html> Biomedical Center, Uppsala, Sweden provides links to biochemistry and molecular biology resources

Reference Books

Reference Books are shelved in the Reference section of the library on the 1st floor and are identified by the notation LSM REF on their Call Number. Circulating books are marked Stacks in IRIS and are shelved on the 2nd floor. Reserves can be found at the Circulation/Reserve desk The following are a few of the biochemistry reference books at **LSM** (and **CHEMISTRY**):

Dictionaries/Encyclopedias

- Concise Encyclopedia of Biochemistry , **LSM REF QD415.A25B713**
- Dictionary of Biotechnology (English-German-Japanese), **LSM REF TP248.16.S36**
- Dictionary of Organic Compounds, **LSM REF QD251.D49**
- Biochemical Nomenclature and Related Documents, **LSM REF QH345.B56**

Directories

- BioScan, **LSM RESERVE R856.A4B56**

Data and Tables

- CRC Handbook of Data on Organic Compounds, 2nd edition, **CHEM REF QD257.7.C73**
- Data for Biochemical Research, **LSM REF QP520.D37**
- Human Protein Data (Haeberli), **LSM REF QP551.H845**

Handbooks

- CRC Handbook of Chemistry and Physics, **LSM RESERVE QD65.H3**
- CRC Handbook of Biochemistry and Molecular Biology, **LSM REF QP514.2.H34**
- Enzyme Handbook (Schomburg & Salzmann), **LSM REF QP610.E5158**
- Enzyme Nomenclature (IUBMB), **LSM REF QP601.I54** also <http://www.chem.qmw.ac.uk/iubmb/enzyme/>
- Handbook of Enzyme Inhibitors, **LSM REF QP601.5.Z65 1999**
- Merck Index, **LSM RESERVE RS356.M524** also <http://TheMerckIndex.cambridgesoft.com/>

Reviews

Reviews summarize the work that has been done in important fields. To find reviews you may wish to consult a Review series or search for "Reviews" in indexes and online databases. Some of the Review series in Biochemistry follow. Most of these Review series are shelved with periodicals (**LSM PER**) on the 3rd floor.

- Advances in Carbohydrate Chemistry and Biochemistry, **LSM PER**
- Amino Acids, Peptides, and Proteins, **LSM REF QD431.A1A4**
- Critical Reviews in Biochemistry and Molecular Biology (CRC) , **LSM PER and online**
- Methods in Enzymology, **LSM STACKS QP601.M49 and 2002+ online**