WRIGHT STATE UNIVERSITY LIBRARIES

Collection Development Policy Statement

SUBJECT: Biochemistry & Molecular Biology

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UNIVERSITY PROGRAMS

The Department of Biochemistry & Molecular Biology offers a program of study leading to the M.S. degree. Doctoral study with faculty in Biochemistry and Molecular Biology, leading to the Ph.D. degree, is available through the Biomedical Sciences Ph.D. Program. Major research interests of the department fall into three general areas: macromolecular mechanisms, molecular genetics, and the application of nuclear magnetic resonance to biomedical research. The department is home to the Center for Genomics Research, where the focus is on the genetic basis of human diseases, and the Nuclear Magnetic Resonance Laboratory. (Department of Biochemistry & Molecular Biology: http://www.med.wright.edu/bmb/). Graduate course offerings are listed at http://www.med.wright.edu/bmb/course/course.html. The department also offers undergraduate courses in biochemistry and nutrition.

The Department of Biochemistry & Molecular Biology (originally Biological Chemistry) came into existence in 1974 with the founding of the School of Medicine. Prior to 1974, biochemistry and molecular biology were included in the Department of Biological Sciences.

CLASSIFICATION OF LIBRARY MATERIALS

National Library of Medicine classification

QU	Biochemistry

Library of Congress classification

QC 762	Nuclear magnetic resonance
QH 345	General biochemistry
QH 430-431	Human genetics
QH 442-452.8	Molecular genetics
QH 460-468	Mutations
QH 506	Molecular biology
QK 861-899	Phytochemistry
QK 981.3-981.5	Plant molecular genetics
QP 501-801	Animal biochemistry
TP 248.13-248.65	Biotechnology

Superintendent of Documents classification

HE	Health and Human Services
NS	National Science Foundation

SCOPE OF COLLECTION

Dates covered: intellectual content
The emphasis of the collection is on recent developments in the field. Materials on the history of biochemistry and molecular biology are collected selectively.

Dates covered: publication dates
Most of the items collected are current imprints. Retrospective purchases (e.g., backfiles of a journal) may be made on occasion.

Geographic coverage
No restrictions.

Language
Materials are collected in English, including translations into English. Other languages may be included in the case of joint language publications where one of the languages is English.

Types of materials
Monographic titles and serials are collected. Subscriptions to databases include those with citations to articles and books and those with full text. A list of databases relevant to biochemistry and molecular biology is available at http://www.libraries.wright.edu/quicklinks/databases/subjects.php?id=6 .

Format
Materials collected are in print and electronic format. Relevant videotapes and DVDs are also collected. Selected websites are included in the online catalog and on the online Biochemistry & Molecular Biology Research Guide (http://libraries.wright.edu/services/researchguides/bmb/).

Exclusions
Workbooks are generally not collected.

LOCATION OF MATERIALS

The Fordham Health Sciences Library is the primary location for Biochemistry and Molecular Biology materials. Library collections for Biological Sciences, Chemistry, and Physics are located in the Paul Laurence Dunbar Library. Thus, the Dunbar Library holds relevant materials on higher plants, non-human animals, and the physical and chemical aspects of nuclear magnetic resonance. Older and/or seldom used materials are located in the Southwest Ohio Regional Depository.
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INTERDISCIPLINARY RELATIONSHIPS

Selection of materials in biochemistry and molecular biology may overlap with biological sciences; chemistry; neuroscience, cell biology, and physiology; pharmacology and toxicology; physics; and radiology.

LOCAL AND REGIONAL RESOURCES

Local and regional collections

Several OhioLINK (http://www.ohiolink.edu/) Libraries have strong collections in biochemistry and molecular biology. The Libraries at Ohio State University and the University of Cincinnati support Ph.D. programs in both biochemistry and molecular biology. Miami University also offers a doctoral program in biochemistry.

Cooperative loan arrangements

OhioLINK provides access to circulating materials collected by most academic libraries in Ohio.

OhioLINK membership also provides Wright State with membership in the Center for Research Libraries, which enables faculty, staff, and students to obtain Center materials through interlibrary loan.