

**Western Libraries
Collections Management Policy
Pathology**

Date created: July 12, 2004

Revised: July 12, 2006, November 25, 2009, August 12, 2011, February 20, 2014

Subject librarian: John Costella
Associate Librarian
Allyn & Betty Taylor Library
jccostel@uwo.ca
519-661-2111 x80961

Purpose of the Collection:

The pathology collection of Western Libraries is intended to support the research activities of faculty, staff, and students at the undergraduate, M. Sc. and PhD levels. The collection also supports the instructional requirements of the Department at the undergraduate and graduate levels. Unless specified, collection in this area will focus on all aspects of pathology. The Allyn & Betty Taylor Library acquires materials, in print and electronic formats, supporting the research and instructional needs of the Pathology Department.

Program Information:

The Department offers a graduate program in Pathology for students at both the Master and PhD levels. It is recognized that there is also the Residency Program in Pathology as well as the Pathologists' Assistant program. Collections activity will ensure that these will also be taken into consideration.

Subject Areas Covered:

Collections activity will address all aspects of pathology but in particular focus on materials supporting the main research themes of the department that include transplantation, vascular biology, cancer, genetics, environmental pathology, and educational research. A more detailed listing of topics covered for both research and instruction can be found in the Appendix at the end of this document.

Format:

Acquisitions will include monographs, book series, and journals. Resources, particularly journals, in digital format are preferentially selected over their print counterparts. Alternate formats, such as CD-ROM, video, DVD, and microform, are considered on an individual request basis.

Language:

English is the primary language of collection in pathology with other languages being considered upon request.

Source of Publication:

Sources of publication are primarily Canada, the United States, Australia and Europe with the language restriction applied. Material published in other regions may be considered on request and will be evaluated for quality and relevance.

Date of publication:

Materials with a recent imprint date are preferred. Older material will be considered upon request.

Exclusions:

With the exception of individual requests and some selective acquisitions, the following types of material are not acquired:

- popular literature
- conference and symposium proceedings
- theses or dissertations from other institutions
- course textbooks

Related collections and cooperation:

The collection for pathology is further supplemented by collection activities in related fields such as the basic medical sciences, biological sciences, clinical medical sciences, dentistry, health sciences and nursing.

Gifts:

The library gratefully accepts gifts of materials in good condition. As considerable expense is incurred by Western Libraries in the receipt and processing, the library only accepts gifts of materials which support current teaching and research needs, or which are not adequately represented in the collection.

Managing the Collection:

In order to ensure that collections remain optimally useful for our patrons, it is necessary to analyze collection usage and available space regularly. Items will need to be selectively removed from the onsite collection from time to time.

Duplicate items that are no longer required to support the curriculum, and damaged items that can no longer be replaced may be removed from the collection at the discretion of the Subject Librarian.

Items that are unique to Western may be transferred to a storage facility. Material housed in these storage facilities is available on request through the Library Catalogue.

Criteria for transfer selection include, but are not limited to, the following:

- 1) Outdated or previous editions of titles
- 2) Medium- to low-use items
- 3) Material that is available in alternate formats, i.e., online
- 4) Materials that would benefit from storage in a more controlled environment.

Consult with the Subject Librarian for further details about these criteria.

Resources to aid in acquisition of material:

The majority of monograph purchases for pathology are acquired through the use of a monographs profile with the book vendor Coutts. Also, there is weekly monitoring of titles through Doody's Alerting Service. Finally, patrons have two avenues for becoming involved with the acquisition of materials. Firstly, they can make recommendations for the collection through the online form available at <https://www.lib.uwo.ca/acquire.html>. Secondly, through the Demand Driven Acquisition process, users can automatically trigger purchases of non-owned e-books listed in our catalogue dependent upon the frequency of access to the content.

Appendix – Detailed Subject Listing for Pathology

Subject areas in support of research:

- AIDS dementia
- Apoptosis
- Bioinformatics
- Biological markers with attention to immunomarkers
- Blood vessel formation with attention to
 - Angiogenesis
 - Endothelial cells
 - Vasculogenesis
- Breast cancer
- Cancer cell resistance to radiation and chemotherapy
- Cancer genetics
- Cardiovascular pathology with attention to
 - Cardiomyocytes
 - Diabetes induced cardiomyopathy
 - Heart failure
 - Sepsis-induced myocardial dysfunction
- Cervical cancer with attention to
 - Screening technologies
 - Human papilloma virus
 - HPV vaccination
- Chemokine signaling
- CNS tumours
- Connexins
- Diabetes & complications with attention to
 - Cardiomyopathy
 - Diabetic retinopathy
- Environmental pathology
- Epigenetics
- Extracellular matrix proteins
- Gastrointestinal pathology including
 - Hepatic and pancreaticobiliary pathology
- Gynecologic pathology
- Hemochromatosis
- Intrauterine growth retardation
- Medical genetics with attention to
 - Chromosome abnormalities
 - Copy number alterations in inherited diseases
 - Diagnostic genomic technologies
- Metallothionein & metal binding proteins
- Molecular Biology with attention to
 - Methodology and protocols
- Molecular genetics including cytogenetics

- Monoamine neurotransmitters
- Mucocutaneous diseases
- Neurochemical pathology
- Neurodegenerative diseases including
 - Alzheimer's Disease
 - Motor neuron disease with attention to
 - Amyotrophic Lateral Sclerosis
 - Multiple sclerosis
 - Parkinson's disease
- Neurofilament metabolism
- Neuroinflammation with attention to
 - Integrin-mediated neuroinflammation
- Neuropathology
- Oral pathology
- Osteopontin
- Preeclampsia
- Quality assurance
- Research in education
- Salivary gland pathology
- Spinal cord trauma
- Stem cell biology with attention to
 - Transplantation
 - Vascular stem cells
- Thyroid pathology
- Toxicology with attention to
 - Adverse drug reactions
 - Endogenous and exogenous chemicals
 - Metal toxicology
 - Mitochondrial damage
 - Neurotoxicity with attention to aluminum neurotoxicity
 - Oxidative stress
 - Redox regulation
 - Toxicity mechanisms
 - Xenobiotics
- Transplant pathology with attention to
 - Allografts
 - Gene silencing
 - Immune modulation
 - Rejection and tolerance
 - siRNA therapy
 - Transplant rejection
 - Xenotransplantation
- Tumor progression and metastasis with attention to
 - Immune based therapies
 - RNAi based therapies

Subject areas in support of instruction:

Biostatistics

Ecosystem health

Environmental pathology

Forensic sciences

General pathology – introductory and advanced

And including anatomic, neuro, and surgical pathology

Health informatics

Human cancer biology

Oral pathology

Research partnerships – private and public