### Web Resources for Pharmacy Professionals

**TOXNET®**  
Databases on toxicology, hazardous chemicals, environmental health, and toxic releases.

Select TOXNET databases of interest to pharmacists

- **ChemIDplus®**  
  Online dictionary of chemical substances cited in NLM databases and other Internet resources

- **ChemIDplus Advanced**  
  Includes chemical structure, toxicity, and physical property searching

- **Chemical Carcinogenesis Research Information System (CCRIS)**  
  Scientifically evaluated database of chemicals with carcinogenicity, mutagenicity, tumor promotion, and tumor inhibition test results

- **Hazardous Substances Data Bank (HSDB®)**  
  Comprehensive, peer-reviewed toxicology and environmental data for chemicals, including specific information on drugs and supplements

- **Developmental and Reproductive Toxicology (DART®)**  
  Bibliographic database with references to teratology and developmental and reproductive toxicology literature

- **LactMed® (Drugs and Lactation Database)**  
  Database of drugs, dietary supplements, and other chemicals to which breastfeeding mothers may be exposed and the effects of those agents on nursing infants and lactation

- **TOXLINE®**  
  Bibliographic database of toxicology references

**LiverTox®**  
[livertox.nih.gov](http://livertox.nih.gov)  
Comprehensive clinical and research information and a case registry on liver injury attributable to about 1,000 prescription and nonprescription drugs, herbals, and dietary supplements.

**Drug Information Portal**  
Portal to current drug information from NLM and other Federal agencies. Resources cover the time drugs are in clinical trials, through their FDA approval process, and then on to the marketplace. Coverage includes drug names and their synonyms, drugs with official generic name status such as USAN (United States Adopted Name) or INN (International Nonproprietary Name).

**ChemSpell**  
Web Service Application Programming Interface (API) providing chemical name spell-checking and chemical name synonym lookup. Contains more than 1.3 million chemical names related to organic, inorganic, pharmaceutical, toxicological, and environmental health topics.

**AIDSinfo®**  
Information about US Food and Drug Administration (FDA) approved and investigational HIV/AIDS related drugs.  
[aidsinfo.nih.gov](http://aidsinfo.nih.gov)  
[infosida.nih.gov](http://infosida.nih.gov)

**ClinicalTrials.gov**  
Searchable database providing information about ongoing clinical research studies on drugs and treatments.  
[clinicaltrials.gov](http://clinicaltrials.gov)

**Chemical Hazards Emergency Medical Management (CHEMM)**  
Online resource enabling first responders and other health care providers and planners to plan for, respond to, recover from, and mitigate the effects of mass-casualty incidents involving accidental or terrorist chemical releases. CHEMM is downloadable so it can be used if the Internet is not available.  

**DailyMed®**  
Information about marketed drugs, including FDA labels (package inserts).  

**Dietary Supplement Label Database**  
Collaborative project between the Office of Dietary Supplements (ODS) at NIH and NLM, containing full label contents from US marketed dietary supplements and providing search features important for researchers.  

**MedlinePlus®**  
Includes consumer information on prescription drugs, over-the-counter drugs, herbals, and supplements.  
[medlineplus.gov](http://medlineplus.gov)  
[medlineplus.gov/spanish](http://medlineplus.gov/spanish)

continued on back
**Pillbox**
Enables rapid identification of unknown solid-dosage medication based on physical characteristics and high-quality images.
[pillbox.nlm.nih.gov](pillbox.nlm.nih.gov)

**PubChem®**

**PubMed®/MEDLINE®**
More than 24 million citations from biomedical literature, life science journals, and online books.
[pubmed.gov](pubmed.gov)

---

**Additional Resources**

**Learn to Use TOXNET**
Information about TOXNET training classes and manual can be found at [sis.nlm.nih.gov/enviro/manuals.html](sis.nlm.nih.gov/enviro/manuals.html)

**Mobile Tools and Services**

**NLM Resources with Apps and Mobile Sites**
[nlm.nih.gov/mobile](nlm.nih.gov/mobile)
- AIDSinfo
- CHEMM
- DailyMed
- Drug Information Portal
- LactMed
- MedlinePlus

**NLM Resources with Application Programming Interfaces (APIs)**
[nlm.nih.gov/api](nlm.nih.gov/api)
- AIDSinfo
- ChemSpell
- ClinicalTrials.gov
- Computational Photography Project for Pill Identification (C3PI)
- DailyMed
- MedlinePlus Connect
- MedlinePlus en español
- PubMed
- Pillbox
- PubChem
- RxCinfo (Beta)
- RxNorm
- RxTerms
- TOXNET

**RxNorm**
A normalized drug naming system that supports computerized, semantic interoperation between drug terminologies and pharmacy knowledge base systems.

**Enviro-Health Links**
Selected links to information on chemicals, drugs, and special populations.

- **Dietary Supplements**
  Links to Internet resources on various aspects of dietary supplements

- **Developing and Using Medicines for Children**
  Links to information about pediatric drug development, clinical trials, and existing laws and regulations

**FDA Substance Registration System (SRS)**
Search for unique ingredient identifiers (UNII) for substances in drugs, biologics, devices, and foods.
[fdasis.nlm.nih.gov/srs/srs.jsp](fdasis.nlm.nih.gov/srs/srs.jsp)

**Stay Connected**

**News updates from the NLM Division of Specialized Medicine**

**NLM-Tox-Enviro-Health-L Listserv**
Receive alerts by e-mail on updates to NLM environmental health and toxicology resources, services, and programs.

**Twitter**
Follow Twitter to receive the latest information on NLM environmental health and toxicology resources.
[twitter.com/NLM_SIS](twitter.com/NLM_SIS)

---

**Contact Information**
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894
1.888. Find.NLM (346.3656)
custserv@nlm.nih.gov
Revised October 2014