

# Web Resources for Pharmacy Professionals



## **TOXNET®**

[toxnet.nlm.nih.gov](http://toxnet.nlm.nih.gov)

Databases on toxicology, hazardous chemicals, environmental health, and toxic releases

**ChemIDplus®** Online dictionary of chemical substances cited in the 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 toxicological and environmental data for chemicals, including specific information of drugs and supplements

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

**LactMed (Drugs and Lactation Database)** Database of drugs and other chemicals to which breastfeeding mothers may be exposed

**TOXLINE®** Bibliographic database of toxicological references

## **AIDSinfo®**

Information about Food Drug Administration approved and investigational HIV/AIDS related drugs.

[aidsinfo.nih.gov](http://aidsinfo.nih.gov)

## **ClinicalTrials.gov**

Searchable database providing information about current ongoing clinical research studies on drugs and treatments.

[clinicaltrials.gov](http://clinicaltrials.gov)

## **Chemical Hazards Emergency Medical Management (CHEMM)**

Web-based resource that enables first responders and other healthcare 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 in advance so that it is available if the Internet is not accessible.

[chemm.nlm.nih.gov](http://chemm.nlm.nih.gov)

## **ChemSpell**

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

[chemspell.nlm.nih.gov/spell](http://chemspell.nlm.nih.gov/spell)

## **DailyMed®**

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

[dailymed.nlm.nih.gov/dailymed/about.cfm](http://dailymed.nlm.nih.gov/dailymed/about.cfm)

## **Dietary Supplements Labels Database**

Information about label ingredients, manufacturers, and structure and function claims for more than 6,000 selected brands of dietary supplements.

[dietarysupplements.nlm.nih.gov/dietary](http://dietarysupplements.nlm.nih.gov/dietary)

## **Drug Information Portal**

Information on more than 17,000 drugs from the time that they are in clinical trials, through their FDA approval, and then on to the marketplace. Coverage includes drugs with official generic name status and drugs such as USAN (United States Adopted Name) or INN (International Nonproprietary Name) and limited information on many drugs manufactured outside the U.S.

[druginfo.nlm.nih.gov](http://druginfo.nlm.nih.gov)

## **Enviro-Health Links-Dietary Supplements**

Links to Internet resources on various aspects of dietary supplements.

[sis.nlm.nih.gov/enviro/dietarysupplements.html](http://sis.nlm.nih.gov/enviro/dietarysupplements.html)

## **PubMed®/MEDLINE®**

More than 21 million citations from biomedical literature, life science journals, and online books.

[pubmed.gov](http://pubmed.gov)



## MedlinePlus®

Consumer health information including prescription and over-the-counter drugs, and herbs and supplements.

[medlineplus.gov](http://medlineplus.gov)

## Pillbox

Enables rapid identification of unknown solid-dosage medications based on physical characteristics and high-resolution images.

[pillbox.nlm.nih.gov](http://pillbox.nlm.nih.gov)

## PubChem®

Information on the biological activities of small molecules. PubChem includes substance information, compound structures, and BioActivity data in three primary databases: PubChem Substance, PubChem Compound, and PubChem BioAssay.

[pubchem.ncbi.nlm.nih.gov](http://pubchem.ncbi.nlm.nih.gov)

## Other Resources

### TOXNET and Beyond: Using the National Library of Medicine's Environmental Health and Toxicology Portal

The NLM National Network of Libraries offers a one-day TOXNET training course. The training schedule and other details are available from the National Training Center.

[nmlm.gov/ntc](http://nmlm.gov/ntc)

A companion workbook to the course can be downloaded from the NLM Web site.

[sis.nlm.nih.gov/enviro/manuals.html](http://sis.nlm.nih.gov/enviro/manuals.html)

## Mobile Tools and Services

**LactMed App** Search the LactMed database from an iPhone, iPod touch, iPad and Android devices

[toxnet.nlm.nih.gov/help/lactmedapp.htm](http://toxnet.nlm.nih.gov/help/lactmedapp.htm)

### NLM Resources with Application Programming Interfaces (APIs)

- AIDSinfo
- ChemSpell
- ClinicalTrials.gov
- DailyMed
- MedlinePlus Connect
- MedlinePlus Health Topics
- Pillbox
- PubChem
- TOXNET

[nlm.nih.gov/api](http://nlm.nih.gov/api)

### TOXNET Mobile Access

[toxnet.nlm.nih.gov/pda/](http://toxnet.nlm.nih.gov/pda/)

## Staying Connected

### News updates from the NLM Division of Specialized Information Services

[sis.nlm.nih.gov/news.html](http://sis.nlm.nih.gov/news.html)

### NLM-Tox-Enviro-Health-L Listserv

Receive alerts by e-mail on updates to the NLM environmental health and toxicology resources, services, and outreach programs.

[sis.nlm.nih.gov/enviro/envirolistserv.html](http://sis.nlm.nih.gov/enviro/envirolistserv.html)

### RSS Feed

Receive frequently updated information from the NLM Division of Specialized Information Services.

[sis.nlm.nih.gov/rss/sisnewsfeed.rss](http://sis.nlm.nih.gov/rss/sisnewsfeed.rss)

### Twitter

Follow Twitter to receive the latest information on NLMs environmental health and toxicology resources.

[twitter.com/NLM\\_SIS](http://twitter.com/NLM_SIS)