

Web Resources

for Chemistry Professionals



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

toxnet.nlm.nih.gov

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

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

Comparative Toxicogenomics Database (CTD) Elucidates molecular mechanisms by which environmental chemicals affect human disease

Hazardous Substances Data Bank (HSDB®) Comprehensive, peer-reviewed toxicological and environmental data for chemicals

Household Products Database Potential health effects of chemicals in common household products

Integrated Risk Information System (IRIS) Hazard identification and dose-response assessments for chemicals

International Toxicity Estimates for Risk (ITER) Risk information for chemicals from authoritative groups worldwide

TOXMAP® Interactive environmental health maps showing locations of toxic chemical releases and hazardous waste sites

Toxics Release Inventory (TRI) Annual environmental releases of toxic chemicals by U.S. facilities

Chemical Hazards Emergency Medical Management (CHEMM) Web-based resource that enables first responders and other healthcare providers 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

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

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

clinicaltrials.gov

Dietary Supplements Labels Database Information about ingredients in brands of dietary supplements

dietarysupplements.nlm.nih.gov/dietary

Disaster Information Management Research Center Improving access to the nation's disaster information

disaster.nlm.nih.gov

Drug Information Portal Quick access to quality drug information

druginfo.nlm.nih.gov

Enviro-Health Links Links to Internet resources on chemicals and drugs, occupational safety and health, pesticide exposure, climate changes, human health, and nanotechnology

sis.nlm.nih.gov/enviro/envirohealthlinks.html

LiverTox Central repository of up-to-date, accurate, and easily accessed information on the diagnosis, cause, frequency, patterns, and management of liver injury attributable to prescription and nonprescription medications, herbals, and dietary supplements

livertox.nih.gov

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

PubMed[®]/**MEDLINE**[®] Citations to journal articles and books in medicine and life sciences
pubmed.gov

Radiation Emergency Medical Management (REMM) Guidance about clinical diagnosis and treatment of radiation injuries during radiological and nuclear emergencies
remm.nlm.gov

Tox Town[®] Interactive guide to toxic substances and environmental health issues in everyday places
toxtown.nlm.nih.gov

Mobile Tools and Services

NLM Mobile Apps and Sites
nlm.nih.gov/mobile

Drug Information Portal	REMM
PubMed	TOXNET

NLM Resources with APIs
nlm.nih.gov/api

ChemSpell	Pillbox
ClinicalTrials.gov	PubChem
MedlinePlus	TOXNET

Other Resources

TOXNET and Beyond: Using the National Library of Medicine's Environmental Health and Toxicology Portal The National Network of Libraries offers a one-day TOXNET training course. The training schedule and other details are available from the National Training Center
nrlm.gov/ntcc

A companion workbook to the course can be downloaded from the NLM Web site
sis.nlm.nih.gov/enviro/manuals.html

ToxLearn and Toxicology Tutorials

Multi-module online learning tools that provide an introduction to toxicology
sis.nlm.nih.gov/enviro/toxtutor.html

Staying Connected

CHEMM Listserv
chemm.nlm.nih.gov/email.htm

DISASTR-Outreach-LIB Listserv
sis.nlm.nih.gov/dimrc/dimrclistserv.html

NLM-Tox-Enviro-Health-L Listserv
sis.nlm.nih.gov/enviro/envirolistserv.html

REMM Listserv
remm.nlm.nih.gov/email.htm

News Updates
sis.nlm.nih.gov/news.html

RSS Feed
sis.nlm.nih.gov/rss/sisnewsfeed.rss

Twitter
twitter.com/NLM_SIS

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