**Pharmacology defined**

**Phar·ma·col·o·gy**

(fär′mə-kŏl′ə-jē) *n.*

The study of the science and clinical application of medications; the study of drugs, their sources, their nature and properties.

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## Pharmacology Explained

[Pharmacology Animation](https://vimeo.com/43041646)

**Recommended Internet resources**

* [American Association of Pharmaceutical Scientists](https://www.aaps.org/default.aspx)
* [American Association for the Advancement of Science (AAAS)](http://www.aaas.org/)
* [American Chemical Society](http://www.acs.org/content/acs/en.html)
* [Pharmaceutical Company Directory](http://www.medilexicon.com/pharmaceuticalcompanies.php)
* [Science.gov](http://www.science.gov/)
* [RxList.com](http://www.rxlist.com/script/main/hp.asp)
* [BioMed Experts](http://www.biomedexperts.com/)
* [APhA DrugInfoLine](http://www.aphadruginfoline.com/)

Covers nearly 20 topics and details FDA clinical trials, new drug approvals, sales suspensions and drug therapy advances. From American Pharmacists Association.

* [ASHP: American Society of Health-System Pharmacists](http://www.ashp.org)

National professional association that represents pharmacists who practice in hospitals, health maintenance organizations, long-term care facilities, home care, and other health care systems with a long history of improving medication use and enhancing patient safety.

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

Registry and results database of federally and privately supported clinical trials conducted in the United States and around the world.

* [DailyMed](http://dailymed.nlm.nih.gov)

Provided by the National Library of Medicine, this website provides high quality information about marketed drugs, including FDA labels.

* [Drug Information Portal](http://druginfo.nlm.nih.gov/drugportal/drugportal.jsp)

NLM’s drug database, providing information for 24,251 drugs.

* [Epocrates Online](https://online.epocrates.com/home)

Database includes information on diseases, drugs, and drug interactions. Free resource, but you must register first to create a login to utilize all features of the website.

* [FDA](http://www.fda.gov/default.htm)

US Food and Drug Administration

* [MedlinePlus: Drugs, Supplements, and Herbal Information](http://www.nlm.nih.gov/medlineplus/druginformation.html)

Consumer prescription and over-the-counter medication information from AHFS® Consumer Medication Information.

* [Poison Center](http://www.poison.org/)

The mission of the Poison Center is to prevent poisonings, save lives, and limit injury from poisoning. In addition to saving lives, the Center decreases health care costs of poisoning cases.

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

Toxicology Data Network provided by National Library of Medicine. Here you will find databases on toxicology, hazardous chemicals, environmental health, and toxic releases.

* [Weekly Drug Updates from Wolter Kluwer Health](http://lippincottsolutions.com/landing/drugguide)

Sign up for free information on drug updates.

## Associations and Directories

* [American Association of Pharmaceutical Scientists (AAPS)](http://proxy.palmer.edu/login?url=http://www.aaps.org/default.aspx)

Provides information on pharmaceutical meetings, careers, and publications.

* [American Pharmacists Association ( APHA)](http://proxy.palmer.edu/login?url=http://www.pharmacist.com/home-view1?utm_expid=7143813-1&utm_referrer=http%3A%2F%2Fwww.google.com%2Furl%3Fsa%3Dt%26rct%3Dj%26q%3D%26esrc%3Ds%26frm%3D1%26source%3Dweb%26cd%3D1%26ved%3D0CDcQFjAA%26url%3Dhttp%253A%252F%252Fwww.aphanet.org%252F%26ei%3DOwPnUMWYNtDOqAHY9oC4AQ%26usg%3DAFQjCNFBtHH7A8sfHnwH6FQmnAZZ-28Zjw%26sig2%3DMT3LfWmxvDc4NVgLjzJsvQ%26bvm%3Dbv.1355534169%2Cd.aWM/)

Covers consumer information, drug recalls, publications, and professional development in the area of pharmacy.

* [Pediatric Pharmacy Advocacy Group (PPAG)](http://proxy.palmer.edu/login?url=http://www.ppag.org/)

Purpose is to provide children safe and effective medication through education, communication, and research.