

PHARMACOLOGY

Pharmacology is a major division in biology that deeply studies drug action. By referring to the term 'drug', it indicates any kind of natural or artificial substance that gives rise to biochemical or physiological impact on the cells of living organisms. Pharmacology studies the nature of such interactions between chemical drugs and living organisms thus giving rise to biochemical changes.

Pharmacology is notably a comprehensive field that involves drug design, synthesis, molecular mechanisms, organ mechanisms, toxicology, medical applications, and more. Pharmacology mainly comprises of 2 divisions: pharmacokinetics and pharmacodynamics. Pharmacokinetics studies how the biological system is impactful on drugs like absorption, excretion, metabolism, etc. And Pharmacodynamics understands how the drugs impacts a biological system.