

PHARMACOKINETICS

Pharmacokinetics is a division of pharmacology. It traces all the substances injected into any living organism. These substances may be of any type like pharmaceutical drug, food additives, pesticides, cosmetics, or others. Pharmacokinetics aims at achieving end-to-end understanding of the chemical substance and its metabolism from the very moment it enters the living organism through administration until it finally leaves the body.

Pharmacokinetics or PK is often confused with Pharmacodynamics or PD. While the former analyzes the consequential reactions caused by the organism on the drug, the latter analyzes the vice-versa. In both these models of pharmacology, the dosage, its benefits and impact remain the fundamental focus.