



Veterinary Sciences Institute of El Khroub
 Constantine 1 Mentouri Brothers
 Bachtarzi K 2026

Glossary of general toxicology

French term	English Term	Definition / Definition
Toxicology	Toxicology	The science of poisons, their effects, antidotes, and detection.
Toxin	Toxin	A poisonous substance produced by a living organism (eg, bacteria, plant, animal).
Toxic	Toxic / Poison	A substance that can cause harm or death to an organism.
Xenobiotic	Xenobiotic	A chemical substance that is foreign to an organism or ecosystem (eg, pollutants, drugs).
Poisoning	Poisoning	The harmful effects caused by a poison, often implying maliciousness intent.
Lethal dose (LD50)	Lethal Dose (LD50)	The dose of a substance required to kill 50% of a test population.
Exhibition route	Route of Exposure	The path by which a toxicant enters the body (eg, digestive, respiratory, cutaneous).



Veterinary Sciences Institute of El Khroub
 Constantine 1 Mentouri Brothers
 Bachtarzi K 2026

French term	English Term	Definition / Definition
Absorption	Absorption	The process by which a toxicant enters the bloodstream from the site of exposure.
Distribution	Distribution	The transport of a toxicant from the bloodstream to various tissues and organs.
Biotransformation	Biotransformation / Metabolism	The process by which the body chemically alters a toxicant, often to make it easier to excrete.
Metabolite	Metabolite	A substance produced during biotransformation.
Excretion	Excretion	The process of eliminating a toxicant or its metabolites from the body.
Toxicokinetics	Toxicokinetics	The study of what the body does to a toxicant (Absorption, Distribution, Metabolism Excretion - ADME).
Toxicodynamics	Toxicodynamics	The study of what a toxicant does to the body (its mechanism of action and effects).



Veterinary Sciences Institute of El Khroub
 Constantine 1 Mentouri Brothers
 Bachtarzi K 2026

French term	English Term	Definition / Definition
Detoxification	Detoxification	The process of converting a toxicant into a less harmful substance.
Antidote	Antidote	A substance that counteracts the effects of a poison.
Chelator	Chelator / Chelating Agent	A substance that binds to heavy metals (like lead or mercury) to form a stable complex that can be excreted.
Methemoglobinemia	Methemoglobinemia	A blood disorder where hemoglobin is unable to release oxygen effectively, caused by certain toxicants.
Substance poisonous	Venomous / Poisonous Substance	A substance containing dangerous principles that can cause harm, requiring regulated prescription and handling.
List I	List I	French classification for the most toxic substances requiring a strict medical prescription.



Veterinary Sciences Institute of El Khroub
 Constantine 1 Mentouri Brothers
 Bachtarzi K 2026

French term	English Term	Definition / Definition
List II	List II	French classification for dangerous substances with lower toxicity than List I, still requiring a prescription.
Narcotics	Narcotics	Drugs with sedative, analgesic, or euphoric effects that can lead to dependence.
Psychotropic drugs	Psychotropic Substances	Substances that affect mental activity, mood, or behavior.