



Cannabis Pharmacokinetics: Considerations for Dose, Absorption + Bioavailability Outline

- What is pharmacokinetics, and why is it applicable to an herbal medication like cannabis?
- Linear pharmacokinetics in cannabis dosing vs. inter-individual response to cannabis
- Cannabis absorption in the human body
 - intravenous
 - inhalation
 - sublingual
 - oral
- stomach acidity
 - topical
 - rectal
- Cannabis distribution in the human body
 - factors affecting plasma levels of cannabinoids
- plasma protein binding
- Cannabis metabolism in the human body
 - the role and health of the liver in metabolism
 - genetic factors that can influence cannabis metabolism
 - difference in metabolite profile and clinical effects
- inhalation vs oral ingestion
- Cannabis excretion in the human body
 - the role of kidney function in cannabinoid excretion
- CBD (cannabidiol) absorption and metabolism: some considerations