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Titolo	The ADME Encyclopedia : A Comprehensive Guide on Biopharmacy and Pharmacokinetics
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Nota di contenuto	Drug Dissolution and Drug Release -- Drug Absorption -- Drug Distribution -- Drug Metabolism -- Drug Excretion -- Routes of Administration -- next Generation Drug Delivery Systems -- Pharmacogenomics -- Bioavailability and Bioequivalence -- Biopharmaceutical Drug Products -- Drug-Drug and Food-Drug Interactions -- In vitro and In silico ADME Predictions -- Drug Transporters -- Non-linear Pharmacokinetics -- Time Dependent Pharmacokinetics -- Pharmacometrics and Physiological Models.
Sommario/riassunto	The ADME Encyclopedia covers pharmacokinetic phenomena (Absorption, Distribution, Metabolism and Excretion processes) and their relationship with the design of pharmaceutical carriers and the

success of drug therapies. It covers both basic and advance knowledge, serving as introductory material for students of biomedical careers and also as reference, updated material for graduates and professionals working in any field related to pharmaceutical sciences (medicine, pharmaceutical technology, materials science, medicinal chemistry). Structured as alphabetically ordered entries and subentries, the Encyclopedia not only provides basic knowledge on ADME processes, but also detailed entries on some advanced subjects such as drug transporters, multi-drug resistance related to pharmacokinetic phenomena, last generation pharmaceutical carriers, pharmacogenomics, personalized medicine, bioequivalence studies, biowaivers, biopharmaceuticals, pharmacokinetic drug interactions or in silico and in vitro assessment of ADME p.roperties