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Titolo	Pharmacokinetic and Pharmacodynamic Drug Interactions Associated with Antiretroviral Drugs // edited by Tony K. L. Kiang, Kyle John Wilby, Mary H. H. Ensom
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ISBN	981-10-2113-9
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Descrizione fisica	1 online resource (VII, 135 p. 40 illus., 25 illus. in color.)
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Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction -- 2. HIV-Associated Comorbidities -- 3. Pharmacology and Pharmacokinetic Properties of Available Antiretrovirals -- 4. In Vitro Reaction Phenotyping and Drug Interaction Data -- 5. Clinical Drug-Drug Interaction Data: Effects of Co-administered Drugs on Pharmacokinetics of Antiretroviral Agents -- 6. Clinical Drug-Drug Interaction Data: Effects of Antiretroviral Agents on Co-administered Drugs -- 7. Pharmacodynamic Interactions Between Antiretrovirals and Other Agents -- 8. Conclusion and Clinical Decision Algorithm.
Sommario/riassunto	Clinically-focussed, with easily accessible tables and chapter summaries suitable for clinicians and researchers, this comprehensive book provides a systematic, critical evaluation of the current literature. An updated clinical decision-making algorithm specifically tailored to the antiretroviral drugs is also provided. The identified interactions are interpreted in the context of known mechanisms derived from clinical, preclinical, and in vitro data. The clinical relevance of the interactions is systematically evaluated and gaps in literature discussed in the context of potential future experiments. In addition to the comprehensive summary of pharmacokinetic and pharmacodynamic drug interactions associated with WHO-recommended antiretroviral drugs on the market

today (i.e. nucleotide reverse-transcriptase inhibitors, non-nucleoside reverse-transcriptase inhibitors, integrase inhibitors, and protease inhibitors), this book also provides detailed section summaries on the epidemiology of HIV infection, diagnosis and pharmacotherapy, basic pharmacology of the individual antiretrovirals, pertinent pre-clinical and in vitro molecular pharmacology, and in vitro drug interaction data available in the literature today. .
