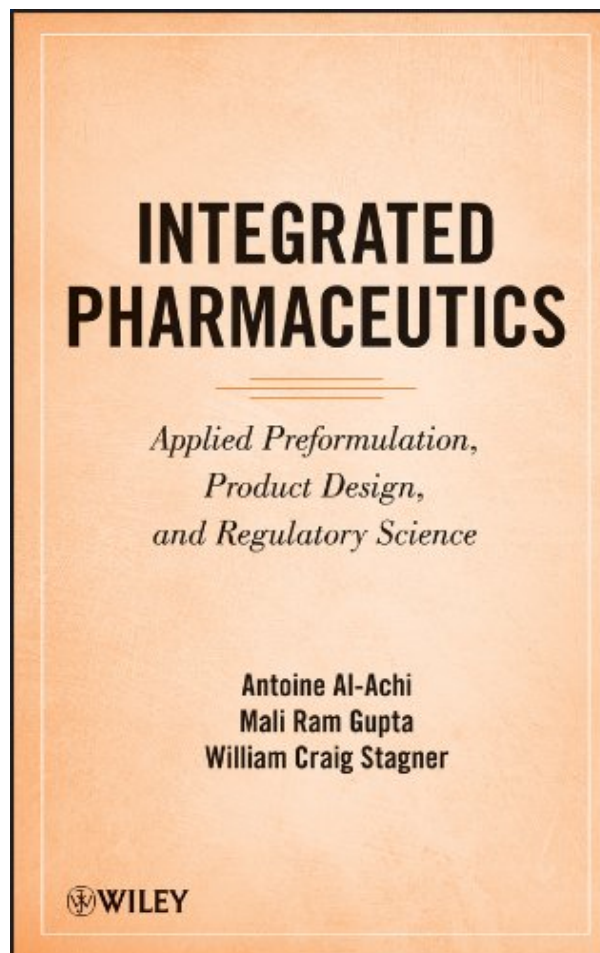


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From the Back Cover

An examination of all aspects of the science and art of dosage form development

Integrating physical pharmacy, drug design, and drug regulation, this book examines all the key elements needed to produce effective dosage forms for drug delivery. It begins by setting a solid foundation of physical pharmacy principles such as drug stability estimation, rheology, and interfacial properties. Next, the authors explain how to incorporate these principles into product design. Lastly, the book integrates harmonized pharmaceutical development regulatory guidelines and requirements with the science and technology of pharmaceutical product design in the United States, European Union, and Japan.

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Focusing on the application of physical pharmacy, drug design, and drug regulations as they relate to produce effective dosage forms for drug delivery, Integrated Pharmaceutics provides a comprehensive picture of pharmaceutical product design, describing the science and art behind the concepts of dosage form development. Combining physical pharmacy, product design, and regulatory affairs issues in a single book, the authors address topics governing drug regulations of United States, European, and Japanese agencies and detail new regulatory guidelines, including quality by design, design space analysis, and blend sample uniformity.

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