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Collana	Pharmacology - research, safety testing and regulation
Altri autori (Persone)	PiyathilakeDavid E LiangRhong
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The pharmacology of oral heparins -- Suppression of membrane vesiculation : a possible anticoagulant, Antimetastatic and anti-inflammatory effect of heparin -- Beyond anticoagulation : roles for heparin in the vasculature -- Heparin monitoring : from blood tube to microfluidic device -- Advances in the analysis of the heparins -- Searching for heparin binding partners -- Heparin-related nanomaterials -- Pharmacokinetic differences among unfractionated heparin and low molecular weight heparins : impact in patients with renal impairment -- Comprehensive and updated study on the analysis techniques of heparin for human use -- The elaboration of new blood plasma anticoagulant complexes of high-molecular-weight heparin with glyproline peptides main amino acids on the base of mathematical simulation of pH- metry data -- Application of chemometric techniques to heparin purity analysis and quality control using proton NMR spectral data -- Heparin : the side effect of heparin, particularly, heparin induced thrombocytopenia.
Sommario/riassunto	Heparin has been widely used in the medical community as an anti-coagulant. More recently, heparin has been shown to possess other biologically and medically relevant characteristics such as modulation of cell proliferation, inflammation, and cytokine production. In this book, the authors present current research in the study of the properties, uses and side effects of heparin, including the

pharmacology of oral heparin; the possible antimetastatic, anti-inflammatory, and suppression of membrane vesiculation effect of heparin; heparin monitoring; searching for heparin binding patterns and heparin-related nanomaterials.