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Descrizione fisica	1 online resource (885 pages)
Altri autori (Persone)	BolonBrad HaschekWanda M RousseauxColin G
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Nota di contenuto	Preface -- 1. An Overview of Toxicologic Pathology -- 2. Biochemical and Molecular Basis of Toxicity -- 3. Pharmacokinetics and Toxicokinetics -- 4. Principles of Pharmacodynamics and Toxicodynamics -- 5. Morphologic Manifestations of Toxic Cell Injury -- 6. Carcinogenesis: Manifestation and Mechanisms -- 7. Design of Studies and Risk Management in Toxicologic Pathology: Addressing Risks in Product Discovery and Development -- 8. Liver and Gall Bladder -- 9. Cardiovascular System -- 10. Skeletal Muscle System -- 11. Urinary System -- 12. Immune System -- 13. Hematopoietic System -- 14. Respiratory System -- 15. Digestive System -- 16. Exocrine Pancreas -- 17. Male Reproductive System -- 18. Female Reproductive System -- 19. The Mammary Gland -- 20. Endocrine System -- 21. Nervous System -- 22. Special Senses -- 23. Bone and Joints -- 24. The Integumentary System -- 25. Embryo, Fetus, and Placenta -- Index.
Sommario/riassunto	Fundamentals of Toxicologic Pathology, Third Edition, presents an essential overview of systems toxicologic pathology in a clear-and-concise manner. Toxicologic pathology integrates toxicology and its

interdisciplinary components, including biochemistry, pharmacodynamics and risk assessment to pathology and its related disciplines, such as physiology, microbiology, immunology and molecular biology. This wholly revised and updated edition presents the newest information on the topic, and is an essential reference for advanced students, early career researchers, toxicologic pathologists, pharmaceutical scientists, medical pathologists and clinicians, and anyone involved with drug and device development. The book includes a new section describing the application of toxicologic pathology, such as diagnostic and forensic toxicologic pathology, environmental toxicologic pathology, experimental and industrial toxicologic pathology, and pathology issues in the design of toxicology studies. There are also new chapters on special senses (the eye and ear) and the biochemical and molecular basis of toxicity, among others.- Presents revised and updated information for each chapter on systems- Contains expanded sections on applied toxicologic pathology- Includes the essential information necessary to understand toxicologic pathology in an accessible language

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