1. Record Nr. UNISA996204063103316

Titolo	2005 2nd International Workshop Networking with Ultra Wide Band Workshop on Ultra Wide Band for Sensor Networks : Rome, July 4-6, 2005
Pubbl/distr/stampa	[Place of publication not identified], : IEEE, 2005
ISBN	1-5090-9909-3
Disciplina	681/.2
Soggetti	Broadband communication systems Sensor networks Electrical & Computer Engineering Engineering & Applied Sciences Telecommunications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

2. Record Nr. UNINA9910253952803321

Titolo	Bone Toxicology / / edited by Susan Y. Smith, Aurore Varela, Rana Samadfam
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-56192-8
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XII, 474 p. 72 illus., 63 illus. in color.)
Collana	Molecular and Integrative Toxicology, , 2168-4219
Disciplina	615.9
Soggetti	Pharmacology Pharmaceutical technology Animal models in research Pharmacology/Toxicology Pharmaceutical Sciences/Technology Animal Models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Bone Toxicology in Preclinical Drug Testing -- Bone Physiology and Biology -- Study designs and Regulatory Considerations -- Specific Considerations for Bone Evaluations for Pediatric Therapeutics -- Bone Pharmacology and other models in Preclinical Drug Testing -- Methods in Bone Toxicology -- Biochemical Markers and Hormones -- Imaging -- Biomechanics -- Pathology and Histomorphometry -- Integrated System Toxicology -- Bone and Muscle -- Bone and Reproductive System -- Bone and Kidneys -- Bone and Energy Metabolism -- Bone and Immune System -- Bone and Central Nervous System -- Bone and Other Organs.
Sommario/riassunto	The content of this book is intended to provide the toxicologist in drug development in the pharmaceutical and biotechnology industries with a broad understanding of bone and its interactions with other organ systems in safety assessments. The book is divided into three parts. The first part describes our current understanding of bone biology and its primary regulatory pathways. Additional chapters address regulatory

and study design considerations for incorporating bone end points in toxicology studies, with special consideration being given to juvenile toxicology studies. This is intended to address recent regulatory requirements to evaluate skeletal development for drugs in development for pediatric populations. The second part of the book describes the principal techniques and methods used in bone research; understanding how these end-points are derived is fundamental to their appropriate application. These first two parts of the book provide the background and the means to develop the concepts in part three which describes bone and its interaction with other organ systems. The unique series of chapters in part three, contributed to by key leaders in their respective fields and in bone research, provides a comprehensive collective work. Although constantly evolving, the crosstalk and interaction of the skeleton with several organ systems is now recognized and well documented, such as for the reproductive system, muscle and kidney, while our understanding of the interaction with other organ systems, such as the immune system and CNS, is in its infancy. Recent work highlights the key role of the skeleton in the regulation of energy metabolism and the impact this has on research in metabolic diseases such as obesity and diabetes. The hope is that this book will enlighten many and encourage more to explore the impact of new compounds on the skeleton in the development of effective and safe drugs.