

1. Record Nr.	UNINA9910786013203321
Titolo	Kallikrein-related peptidases [[electronic resource]] . Volume 1 Characterization, regulation, and interactions within the protease web / / Viktor Magdolen ... [et al.], editors
Pubbl/distr/stampa	Berlin, : Walter de Gruyter, c2012
ISBN	3-11-026037-9
Descrizione fisica	1 online resource (428 p.)
Collana	Kallikrein-related peptidases ; ; Volume 1
Classificazione	WD 5065
Altri autori (Persone)	MagdolenViktor
Disciplina	616.99/4042
Soggetti	Kallikrein - Genetics Kallikrein - Metabolism Tumors - Genetics Proteolytic enzymes - Metabolism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Genomic structure of the KLK locus -- Single nucleotide polymorphisms in the human KLK locus and their implication in various diseases -- Evolution of Kallikrein-related peptidases -- Structural aspects of Kallikrein-related peptidases -- Molecular recognition properties of Kallikrein-related peptidases on synthetic and endogenous substrates -- Natural, engineered, and synthetic inhibitors of Kallikrein-related peptidases -- Kallikrein-related peptidases as pharmaceutical targets -- Expression of Kallikrein-related peptidases under (patho) physiological conditions -- Kallikrein-related peptidases within the proteolytic web -- Kallikrein-Kinin cascade: bioregulation by human tissue kallikrein 1 (HK1, KLK 1) -- Role of KLK4 in dental enamel formation. Kallikrein-related peptidases and semen -- Kallikrein-related peptidases and inhibitors of the skin -- Physiological and pathophysiological roles of Kallikrein-related peptidases in the central nervous system -- Kallikrein-related peptidases (KLKS), proteinase-mediated signaling and proteinase-activated receptors (PARS) -- Pathophysiology of Kallikrein-related peptidases in lung cancer -- Clinical relevance of Kallikrein-related peptidases in gastric and colorectal cancer -- Pathophysiology of Kallikrein-related peptidases in

head and neck cancer -- PSA (prostate-specific antigen) and other Kallikrein-related peptidases in prostate cancer -- Cellular model systems to study the tumor biological role of Kallikrein-related peptidases in ovarian and prostate cancer -- Clinical relevance of Kallikrein-related peptidases in breast cancer -- Clinical relevance of Kallikrein-related peptidases in ovarian cancer -- MicroRNAs : a new control mechanism for Kallikrein-related peptidases in kidney and other cancers -- Genomic instability of the KLK-locus in cancer -- Kallikrein-related peptidases as biomarkers in personalized cancer medicine.

Sommario/riassunto

This handbook is the first comprehensive book of its kind reviewing the clinically relevant current status of tissue kallikrein and kallikrein-related peptidases research. Since several members of the KLK family are key players in (patho-)physiological processes, structural, functional, and regulatory studies are under way to develop new strategies to prevent and treat disorders to which individual members of the KLK protease family contribute significantly. The goal of this book is to inform clinicians, physician scientists and researchers about the prominent role of the multifaceted and interactive KLK system in normal physiology and pathological organ function.

2. Record Nr.	UNINA9910725089903321
Autore	Popkova Elena G
Titolo	Smart Green Innovations in Industry 4.0 for Climate Change Risk Management // edited by Elena G. Popkova
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031284571 9783031284564
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (632 pages)
Collana	Environmental Footprints and Eco-design of Products and Processes, , 2345-766X
Disciplina	658.4083
Soggetti	Internet of things Financial risk management Bioclimatology Sustainability Environmental economics Internet of Things Risk Management Climate Change Ecology Environmental Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Eco-design and Quality Certification in Implementing Smart Green Innovations for Maximizing Their Contribution to Combating Climate Change -- Tourism, Environment, and Sustainability -- The Environmental Component of Sustainable Socio-Economic Development -- Capabilities of Business Analysis in Developing Data-driven Decision Solutions -- A Smart Approach to In-house Analytics and Business Management 4.0 -- Business Management in the Context of the Sustainable Development Paradigm -- Study of the Potential of Public-Private Partnership Mechanisms in Projects of Smart Environmental Modernization of Residential Infrastructure -- Models of Concession and Public-private Partnership as an Effective Tool for Achieving the Goals of Sustainable Development of the Region in the Digital Economy

-- Protectionism and Technological Development: The Green Agenda
-- Investment Risks of a Depressed Region in the Context of the Sustainable Development Paradigm -- Key Aspects of Sustainable Business Model Innovation -- Synergetic Approach in Public Administration -- Advanced Climate-smart Technology as the Basis for the Activities of Green Entrepreneurship in the Digital Economy Markets.

Sommario/riassunto

This book is devoted to strengthening the theoretical and methodological basis, systematization of international experience, and scientific elaboration of prospects for developing a climate-smart economy and business as a vector of the sustainable development of Industry 4.0 in the Decade of Action. The first part of the book focuses on climate-responsible entrepreneurship in support of the sustainable development of Industry 4.0. The part systematizes best practices for climate-smart green innovations across sectors of the digital economy. The third part reveals the experience of climate risk management based on smart green innovations in regions and countries. Particular attention is paid to the best practices of the European Union (EU) and the Eurasian Economic Union (EAEU). The book ends with part four, which explores ESG climate risk management and green finance in support of combating climate change. The book's novelty is that it rethinks the environmental footprints of Industry 4.0 from the perspective of climate risks and their management. The theoretical significance of the book lies in the formation of an innovative concept of climate change risk management, in which the economy, society, nature, and technology are presented and interact effectively. The book is intended for scientists. In this book, they will find an innovative and systemic vision of smart green innovations in Industry 4.0 for climate change risk management. .
