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Descrizione fisica	1 online resource (489 p.)
Altri autori (Persone)	Robertson, David <1947->
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Soggetti	Autonomic nervous system - Diseases Autonomic nervous system - Physiology Electronic books.
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	Front Cover; Primer on the Autonomic Nervous System; Copyright Page; Contents; List of Contributors; Preface; PART I: ANATOMY; Chapter 1. Development of the Autonomic Nervous System; Pathways and Fate of Neural Crest Cells; Factors Operating during Neural Crest Migration; Neurite Outgrowth and Target Contact; Factors Involved in Neurite Outgrowth and Neuronal Survival; Synapse Formation and Neuronal Differentiation; Conclusions; Chapter 2. Mechanisms of Differentiation of Autonomic Neurons; The Autonomic Nervous System Is Derived from Neural Crest Cells Signaling Molecules Regulate the Developmental Processes of the Autonomic Nervous System Transcriptional Code Underlying the Development and Phenotypic Specification of the Autonomic Nervous System; Neurotransmitter Phenotypes of the Autonomic Nervous System; Noradrenaline Phenotype; Control Mechanism of DBH Gene Expression Is Closely Related to Autonomic Nervous System Development; Cholinergic Phenotype and the Switch of Neurotransmitter Phenotypes by the Target Cell Interactions; Chapter 3. Milestones in Autonomic Research; Receptors; Varicosities; PART II:

PHARMACOLOGY

Chapter 4. Central Autonomic Control
Anatomy of Central Autonomic Areas; Levels of Integration of Central Autonomic Control; Chapter 5. Peripheral Autonomic Nervous System; Sympathetic Nervous System; Sympathoadrenal Axis and the Adrenal Gland; Parasympathetic Nervous System; The Concept of Plurichemical Transmission and Chemical Coding; Functional Neuroanatomy and Biochemical Pharmacology; Chapter 6. The Autonomic Neuroeffector Junction; Structure of the Autonomic Neuromuscular Junction; Autonomic Neurotransmission; Model of Autonomic Neuroeffector Junction
Chapter 7. Autonomic Neuromuscular Transmission
New Transmitters and the Concept of Cotransmitters; Varicosities, Vesicle-Associated Proteins, and Calcium Fluxes; Ionotropic Receptors Are Localized to the Muscle Membrane at Varicosities; Metabotropic and Ionotropic Receptors Are Internalized and Recycled after Binding Transmitter; Sources of Intracellular Calcium in Smooth Muscle for Initiating Contraction; Modulation of Calcium Influx and the Control of Hypertension; Chapter 8. Dopaminergic Neurotransmission; Transmitter Neurochemistry; Future Questions; Chapter 9. Dopamine Receptors
Structural and Functional Characteristics of Dopamine Receptors
Signal Transduction; Pharmacology; Distribution; Distribution in the Brain; Dopamine Receptors in the Periphery; Regulation; Chapter 10. Noradrenergic Neurotransmission; Noradrenergic Innervation of the Cardiovascular System; Norepinephrine: The Sympathetic Neurotransmitter; Storage; Release; Disposition; Chapter 11. a1-Adrenergic Receptors; Subtypes; Structure and Signaling; Ligand Binding and Activation; Regulation; Vascular Subtypes; Chapter 12. a2-Adrenergic Receptors; Chapter 13. β -Adrenergic Receptors
Signaling of β -AR Subtypes

Sommario/riassunto

The Primer on the Autonomic Nervous System presents, in a readable and accessible format, key information about how the autonomic nervous system controls the body, particularly in response to stress. It represents the largest collection of world-wide autonomic nervous system authorities ever assembled in one book. It is especially suitable for students, scientists and physicians seeking key information about all aspects of autonomic physiology and pathology in one convenient source. Providing up-to-date knowledge about basic and clinical autonomic neuroscience in a format designed to

2. Record Nr.	UNINA9910715067203321
Autore	Goitom Hanibal
Titolo	Ethiopia: federal paternity and legitimation laws
Pubbl/distr/stampa	[Washington, D.C.] : , : The Law Library of Congress, Global Legal Research Directorate, , 2009
Descrizione fisica	1 online resource (3 pages)
Soggetti	Paternity - Ethiopia
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"LL file no. 2009-002172." "February 2009."
Nota di bibliografia	Includes bibliographical references.
3. Record Nr.	UNINA9910557364303321
Autore	Mauromicale Giovanni
Titolo	Herbaceous Field Crops Cultivation
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (424 p.)
Soggetti	Biology, life sciences Research and information: general Technology, Engineering, Agriculture, Industrial processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Sommario/riassunto

Herbaceous field crops include several hundred plant species worldly widespread for different end-uses, from food to no-food applications. Among them are included cereals, grain legumes, sugar beet, potato, cotton, tobacco, sunflower, safflower, rape, flax, soybean, alfalfa, clover spp. and other fodder crops, but only 15-20 species play a relevant role for the worldly global economy. Nowadays, to meet the food demand of the ever-increasing world population in a scenario of decreased arable lands, the development of holistic agricultural management approaches to boost contemporaneously yield and quality of herbaceous field crops is essential. Accordingly, this book represents an up-to-date collection of the current understanding of the impact of several agricultural management factors (i.e., genetic selection, planting density and arrangement, fertilization, irrigation, weed control and harvest time) on the yield and qualitative performances of 11 field crops (wheat, cardoon, potato, clary sage, basil, sugarcane, canola, cotton, tomato, lettuce and hemp). On the whole, the topics covered in this book will ensure students and academic readers, such as plant physiologists, environmental scientists, biotechnologists, botanists, soil chemists and agronomists, to get the information about the recent research advances on the eco-sustainable management cultivation of herbaceous field crops, with a particular focus on varietal development, soil nutrient and water management, weed control, etc.
