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Acta Chirurgica Scandinavica- 1967
CSA Neurosciences Abstracts- 1990
Neuroscience Letters- 1982
Anatomy and Embryology- 1983
Population Sciences- 1979
Psychopharmacology Abstracts- 1981
Research Awards Index- 1985
Cumulated Index Medicus- 1992
Subject Index of Current Research Grants and Contracts Administered by the National Heart, Lung and Blood Institute-National Heart, Lung, and Blood Institute 1976

Physiology of the Gastrointestinal Tract-Kim E. Barrett 2006-05-10 FROM THE PREFACE: The original purpose of the First Edition of Physiology of the Gastrointestinal Tract to collect in one set of volumes the most current and comprehensive knowledge in our field was also the driving force for the Fourth Edition. The explosion of information at the cellular level, made possible in part by the continued emergence of powerful molecular and cellular techniques, has resulted in a greater degree of revision than that of any other edition. The first section, now titled "Basic Cell Physiology and Growth of the GI Tract" contains numerous new chapters on topics such as transcriptional regulation, signaling networks in development, apoptosis, and mechanisms in malignancies. Most of the chapters in this section were edited by Juanita L. Merchant. Section II has been renamed "Neural Gastroenterology and Motility" and has been expanded from seven chapters with rather classic titles to more than twenty chapters encompassing not only the movement of the various parts of the digestive tract but also cell physiology, neural regulation, stress, and the regulation of food intake. Almost all of the chapters were recruited and edited by Jackie D. Wood. The third section is entirely new and contains chapters on "Immunology and Inflammation" which were edited by Kim E. Barrett. The fourth section on the "Physiology of Secretion" consists of chapters with familiar titles, but with completely updated information to reflect the advances in our understanding of the cellular processes involved in secretion. The last section on "Digestion and Absorption" contains new chapters on the intestinal barrier, protein sorting and ion channels along with those focusing on the uptake of specific nutrients. These chapters were recruited and edited by Hamid M. Said and Fayez K. Ghishan. · Collected in one set - the most current and comprehensive coverage of gastrointestinal physiology · Information presented in a style that is both readable and understandable · Valuable to the specialized researcher, the clinical gastroenterologist, the teacher, and the student · Features an entirely new section on Immunology and Inflammation · Each section edited by the preeminent scientist in the field

Current List of Medical Literature- 1954 Includes section, "Recent book acquisitions" (varies: Recent United States publications) formerly published separately by the U.S. Army Medical Library.

Neurocytology-Ennio Pannese 2015-03-16 During the second half of the 20th century, the introduction of a variety of new techniques greatly expanded our knowledge of the structure of nerve and neuroglial cells and of the organization of the nervous system at the cellular level. This new information has, however, generally been scattered throughout the literature, making it difficult for investigators to gain an overall vision of the discipline. The author has marshalled these scattered data to provide a systematic overview of the field placed within a historical context. He has correlated the major new findings with the classical notions of light microscopy and has integrated them with elements of biochemistry and cell physiology. After the publication of the first edition, the introduction of new microscopes and especially the growth of molecular biology have greatly expanded our knowledge, in particular on the intercellular communication in the nervous system and on the roles of neuroglial cells. These achievements have made a second edition of the book necessary. The fully revised and updated text, together with...
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unique high-quality illustrations of structures of the central and peripheral nervous system, ensure that this new edition will be invaluable for neuroscientists, particularly those involved in cellular neuropathology, neurochemistry, neurophysiology and molecular neurobiology.

Equine Acute Abdomen-Nathaniel A. White 2009-10-31 This title allows users to effectively diagnose and treat any acute disease of the stomach, intestines, peritoneum, liver, and abdominal wall. Its authorship includes over 20 internationally recognized experts that provide critical information needed by practitioners for management of abdominal diseases. This informative resource provides a thorough discussion of normal and abnormal anatomy and physiology. Surgical techniques are broken down into an easy-to-read step-by-step format. This highly visual presentation, with over 410 illustrations, is a necessary edition to an equine practitioner’s library. Published by Teton New Media in the USA and distributed by Manson Publishing outside of North America.

Cardiac Intensive Care Management-Allen Jeremias 2010 Ventilator Management for the Cardiac Patient; Management of Post-Operative Complications in the Cardiac Surgery Patient; Guidelines Relevant to Care in the Cardiac Intensive Care Unit--to keep the book and you up to date. yPresents the text in a new, full-color design and layout for a more visually-appealing and accessible format that makes finding the information you need quick and easy.

Diseases of the Gallbladder and Bile Ducts-Pierre-Alain Clavien 2008-04-15 An interdisciplinary reference book for the diagnosis and treatment of gallbladder and bile duct diseases With recent developments in the management of hepatobiliary diseases including liver transplantation, this new edition aids all members of the team by addressing both the biliary indications for and biliary complications of these procedures. It’s divided into three sections on anatomy, pathophysiology, and epidemiology; diagnostic and therapeutic approaches including the latest therapeutic modalities; and specific conditions. Includes more than 250 illustrations for rapid reference. Each chapter now has a Q&A section and begins with a list of objectives outlining the chapter’s goals. In addition, a number of new imaging modalities are presented in this new edition. It takes an integrated medical, surgical and radiological approach, making this invaluable to all members of the team who deal with complications of liver transplantation and the management of patients.

Foundations of Chiropractic-Meridel I. Gatterman 2005 Now updated in its 2nd edition, the first research-based book on this topic examines the direct link between joint dysfunction, the theories of its effects, and the clinical syndromes seen in practice. Scientific evidence is presented for indications and contraindications of subluxation, along with term definitions, basic science and anatomy, subluxation causes, radiographic evidence, manipulable and nonmanipulable subluxation, a theoretical model, and subluxation syndromes. Integration of theory and clinical research establishes a necessary foundation for both students and clinicians Many of the most respected names in the chiropractic have contributed chapters to this book and present the common ground of chiropractic in a logical and understandable way Over 200 high-quality illustrations bring important concepts to life Key words and questions related to the objectives are stated at the beginning of each chapter notifying the reader what he should learn from the material Updated coverage includes strengthened kinesiology information, new studies on the headache, new whiplash material, the Chiropractic Paradigm, and the latest research from the field An appendix on spinal subluxation and visceral disorders has been added The latest basic science material incorporated into part one, including an excellent animal model study An appendix on spinal subluxation and visceral disorders has been added The latest basic science material incorporated into part one, including an excellent animal model study

Kidney Disease and Nephrology Index- 1977

Structure of Enteric Neurons-Axel Brehmer 2006-10-06 This book first presents an overview on the chemical coding of the morphological neuron types described by Stach in the pig intestine. In doing so, we have pointed out the difference between the definitions of type I neurons given by Dogiel and Stach. Secondly, it provides a basis for the morpho-chemical classification of human enteric neurons as revealed by their immunoreactivity for neurofilaments and several neuroactive substances or related markers.

The Peripheral Nervous System-John Hubbard 2012-12-06 The peripheral nervous system is usually defined as the cranial nerves, spinal nerves, and peripheral ganglia which lie outside the brain and spinal cord. To describe the structure and function of this system in one book may have been possible last century. Today, only a judicious selection is possible. It may be fairly claimed that the title of this book is not misleading, for in keeping the text within bounds only accounts of olfaction, vision, audition, and vestibular function have been omitted, and as popularly understood these topics fall into the category of special senses. This book contains a comprehensive treatment of the structure and function of peripheral nerves (including axoplasmic flow and trophic functions); junctional regions in the autonomic and somatic divisions of the peripheral nervous system; receptors in skin, tongue, and deeper tissues; and the integrative role of ganglia. It is thus a
handbook of the peripheral nervous system as it is usually understood for teaching purposes. The convenience of having this material inside one set of covers is already proven, for my colleagues were borrowing parts of the text even while the book was in manuscript. It is my belief that lecturers will find here the information they need, while graduate students will be able to get a sound yet easily read account of results of research in their area. JOHN 1. HUBBARD vii

Contents

SECTION I-PERIPHERAL NERVE

Chapter 1 Peripheral Nerve Structure 3

Henry deF. Webster 3

1. Introduction.

The Physical Processes of Digestion-Roger G. Lentle 2011-06-03

Food research (and funding) is becoming more and more focused on health. While researchers and product developers have made great strides in food engineering, there needs to be increased focus on what happens when the food is actually digested. How is the food absorbed? Do the benefits remain? Digestion is a complex topic, and this will be the first book aimed at food researchers. Authored by a physiologist and a food engineer, the book will be a welcome addition to the literature.

Index Medicus- 2004

Goldenseal (Hydratis Canadensis)-Mary Lorraine Predny 2005


Issues in Anatomy, Physiology, Metabolism, and Human Biology: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Anatomy, Physiology, Metabolism, and Human Biology. The editors have built Issues in Anatomy, Physiology, Metabolism, and Human Biology: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Anatomy, Physiology, Metabolism, and Human Biology in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Anatomy, Physiology, Metabolism, and Human Biology: 2011 Edition has been produced by the world’s leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

Research Grants Index-National Institutes of Health (U.S.). Division of Research Grants 1974

Ferrets, Rabbits and Rodents - E-Book-Katherine Quesenberry 2020-04-24

Learn to treat a wide variety of small mammals and pocket pets with Ferrets, Rabbits, and Rodents: Clinical Medicine and Surgery, 4th Edition. Covering the conditions most often seen in veterinary practice, this highly readable and easy-to-navigate text covers preventative medicine along with disease management, ophthalmology, dentistry, and zoonosis. More than 700 full-color photographs and illustrations highlight radiographic interpretation as well as diagnostic, surgical, and therapeutic techniques. This fourth edition also features new coverage of degus (large rodent species); new coverage of prairie dogs; and expanded coverage of surgical procedures, physical therapy rehabilitation and alternative medicine for rabbits, neoplasia in rabbits, and zoonotic disease. With expert contributors from around the globe, Ferrets, Rabbits, and Rodents is the authoritative, single point of reference for small mammal care that is hard to find elsewhere. Logical organization lays out sections by different animals and organizes parts within chapters by body system — making it quick and easy to access important information. Drug formulary provides dosage instructions for a wealth of species including ferrets, rabbits, guinea pigs, chinchillas, hamsters, rats/mice, prairie dogs, hedgehogs, and sugar gliders. More than 700 photographs and illustrations highlight key concepts such as radiographic interpretation and the main points of diagnostic, surgical, and therapeutic techniques. Chapter on ophthalmology provides an area of study that is difficult to find for ferrets, rabbits, rodents, and other small mammals. Chapter outlines offer an at-a-glance overview of the chapter contents at the beginning of the chapter. Access to Expert Consult site provides an excellent comprehensive reference and a fully searchable eBook. NEW! Coverage of surgical procedures has been further expanded in this edition. Surgical procedures are presented in a separate section and shown step by step through color photographs and radiographs, accompanied by line drawings. NEW! Additional information on physical therapy rehabilitation and alternative medicine for rabbits includes chiropractic care and acupuncture. NEW! Expanded content on neoplasia in rabbits incorporates lymphoreticular disorders, thymoma, and other neoplastic diseases of rabbits. NEW! All new chapter on prairie dogs has been added. NEW! All new chapter on degus (large rodent species) has been added. UPDATED! Chapter on zoonotic disease has been updated to further cover specific zoonotic diseases in addition to addressing the increased potential for disease transmission from animals to humans. NEW! Global author perspective incorporates the expertise of authors practicing outside of North America. UPDATED! Photographs show the diseases
and disorders that are more commonly seen in practice. Fetal and Neonatal Physiology—Richard A. Polin 2011 Fetal and Neonatal Physiology, edited by Drs. Polin, Fox, and Abman, focuses on physiologic developments of the fetus and newborn and their impact on the clinical practice of neonatology. A must for practice, this 4th edition brings you the latest information on genetic therapy, intrauterine infections, brain protection and neuroimaging, and much more. You'll also have easy access to the complete contents and illustrations online at expertconsult.com.

Cerebrovascular Bibliography—1969-04
Lavin's Radiography for Veterinary Technicians E-Book—Marg Brown 2021-07-02 Develop a working knowledge of radiologic science as it applies to producing diagnostic-quality images— and prepare for the Veterinary Technology National Exam (VTNE) — with Lavin’s Radiography for Veterinary Technicians, 7th Edition! Written in a way that is easy to follow and understand, all aspects of imaging, including production, positioning, and evaluation of radiographs, are covered in this comprehensive text. All chapters have been thoroughly reviewed, revised, and updated with vivid color equipment photos, positioning drawings, and detailed anatomy drawings. From foundational concepts to the latest in diagnostic imaging, this text is a valuable resource for students, technicians, and veterinarians alike! Comprehensive content explores the physics of radiography, the equipment, the origin of film artifacts, and positioning and restraint of small, large, avian, and exotic animals. More than 1,000 full-color photos and updated radiographic images visually demonstrate the relationship between anatomy and positioning. UNIQUE! Coverage of non-manual restraint techniques, including sandbags, tape, rope, sponges, sedation, and combinations, improve safety and enhance radiation protection. Emphasis on digital imaging, including quality factors and post-processing, keeps you up to date on the most recent developments in digital technology. UNIQUE! Dental radiography chapter covers equipment types (film, digital, and computed radiography), safety, positioning, and reading the image for the dog and cat to address the needs of both general and specialty veterinary technicians. Broad coverage of radiologic science, physics, imaging, and protection provides you with the foundation needed to develop good imaging practices and techniques. NEW! Coverage of the latest protocols ensures all-inclusive coverage.

Bibliography of Agriculture—1975
Autonomic and Enteric Ganglia—A.G. Karczmar 2013-11-11 In the early 1960s, Dr. Alexander G. Karczmar, Professor of Pharmacology and Experimental Therapeutics at the Stritch School of Medicine of the Medical Center at Loyola University of Chicago, was confronted with a certain technical problem concerning his studies of synaptic transmission by means of microelectrode methods. He thought that the problem might be resolved if he could interest a microelectrode expert such as Dr. Kyozo Koketsu in his studies. Dr. Koketsu was a past member of the Faculty of the Kurume University School of Medicine who as a Research Fellow at the Australian National University had helped Sir John Eccles, subsequently a Nobel Prize winner, in developing microelectrode procedures. After further considering the matter, Dr. Karczmar was pleasantly surprised to discover that by coincidence Dr. Koketsu was his neighbor, serving at that time as a Research Professor at the Neuropsychiatry Institute of the University of Illinois, College of Medicine of Chicago. This was the beginning of a long relationship, as Dr. Koketsu joined Dr. Karczmar at Loyola as Professor of Pharmacology and Therapeutics and Director of the Neurophysiology Laboratory at the Stritch School of Medicine. It was not long before Dr. Syogoro Nishi—Dr. Koketsu’s former colleague on the Faculty of Medicine at Kurume University, and at that time a Research Fellow in Neurophysiology at the Rockefeller Institute in New York joined Drs. Koketsu and Karczmar at Loyola. Although in due time Drs.

Gastrointestinal Physiology—Menizibeya Osain Welcome 2018-06-20 This book offers one of the most comprehensive reviews in the field of gastrointestinal (GI) physiology, guiding readers on a journey through the complete digestive tract, while also highlighting related organs and glandular systems. It is not solely limited to organ system physiology, and related disciplines like anatomy and histology, but also examines the molecular and cellular processes that keep the digestive system running. As such, the book provides extensive information on the molecular, cellular, tissue, organ, and system levels of functions in the GI system. Chapters on the roles of the gut as an endocrine, exocrine and neural organ, as well as its microbiome functions, broaden readers’ understanding of the multi-organ networks in the human body. To help illustrate the interconnections between the physiological concepts, principles and clinical presentations, it outlines clinical examples such as pathologies that link basic science with clinical practice in special “clinical correlates” sections. Covering both traditional and contemporary topics, it is a valuable resource for biomedical students, as well as healthcare and scientific professionals.

Autonomic Neuroscience Editor’s Pick 2021—Vaughan G. Macefield 2021-07-21
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Neural Control of Gastrointestinal Function-David Grundy 2011-12 The gastrointestinal tract is a long, muscular tube responsible for the digestion of food, assimilation of nutrients and elimination of waste. This is achieved by secretion of digestive enzymes and absorption from the intestinal lumen, with different regions playing specific roles in the processing of specific nutrients. These regions come into play sequentially as ingested material is moved along the length of the GI tract by contractions of the muscle layers. In some regions like the oesophagus transit it rapid and measured in seconds while in others like the colon transit is measured in hours and even days, commensurate with the relative slow fermentation that takes place in the large bowel. An hierarchy of controls, neural and endocrine, serve to regulate the various cellular targets that exist in the gut wall. These include muscle cells for contraction and epithelial cells for secretion and absorption. However, there are complex interactions between these digestive mechanisms and other mechanisms that regulate blood flow, immune function, endocrine secretion and food intake. These ensure a fine balance between the ostensibly conflicting tasks of digestion and absorption and protection from potentially harmful ingested materials. They match assimilation of nutrients with hunger and satiety and they ensure that regions of the GI tract that are meters apart work together in a coordinated fashion to match these diverse functions to the digestive needs of the individual. This ebook will provide an overview of the neural mechanisms that control gastrointestinal function. Table of Contents: Neural Control of Gastrointestinal Function / Cells and Tissues / Enteric Nervous System / From Gut to CNS: Extrinsic Sensory Innervation / Sympathetic Innervation of the Gut / Parasympathetic Innervation of the Gut / Integration of Function / References

New Advances in Gastrointestinal Motility Research-L. K. Cheng 2013-06-01 Research into gastrointestinal motility has received renewed interest in part due to recent advances in the techniques for measuring the structure and function of gastrointestinal cells, tissue and organs. The integration of this wealth of data into biophysically based computation models can aid in interpretation of experimental and clinical measurements and the refinement of measurement techniques. The contents of this book span multiple scales - from cell, tissue, organ, to whole body and is divided into four broad sections covering: i) gastrointestinal cellular activity and tissue structure; (ii) techniques for measuring, analyzing and visualizing high-resolution extra-cellular recordings; (iii) methods for sensing gastroelectrical activity using non-invasive bio-electro-magnetic fields and for modulating the underlying gastric electrical activity and finally (iv) methods for assessing manometric and videographic motility patterns and the application of these data for predicting the flow and mixing behavior of luminal contents by using computational fluid dynamic techniques. This book aims to provide both an overview of historical and existing research techniques as well as to highlight future directions and challenges for the community as a whole. It will be suitable for clinicians to understand the cellular and biophysical underpinnings of gastric emptying, gastroenterologists, surgeons, bioengineers and all scientists with interests in gastrointestinal motility research.

Autonomic Nerve Function in the Vertebrates-S. Nilsson 2012-12-06 The intention of this book is to offer a comprehensive description and discussion of autonomic nerve function in the vertebrates from several points of view. Sections on anatomy, biochemistry of the transmitter substances and the structure, physiology and pharmacology of the different types of autonomic neurons have been included, together with chapters dealing with the autonomic nervous control of some organs and organ systems in the different vertebrate groups. Although knowledge in several of these areas is based primarily on studies of mammals, a certain emphasis has been placed on the autonomic nerve functions in the non-mammalian vertebrates to describe, from a comparative physiological point of view, the adaptations and possible "phylogenetic trends" in the development of the autonomic nerve functions in the vertebrates. It is very obvious that the literature created by the vigorous research activities within the fields of autonomic nervous anatomy, histochemistry, biochemistry, pharmacology and physiology is vast indeed, and not all aspects of the subject may have received fair treatment in the present volume. With an analogy from astronomy, it is hoped that the mass compressed into this book has reached the level of an energy-emitting neutron star, rather than the black hole which would be the result of compressing too large a mass.

Toxicity Bibliography- 1972

Psychopharmacology Bulletin- 1986

The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents-Mark A. Suckow 2012 The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents is a single volume, comprehensive book sanctioned by the American College of Laboratory Animal Medicine (ACLAM), covering the rabbit, guinea pig, hamster, gerbil and other rodents often used in research. This well illustrated reference includes basic biology, anatomy, physiology, behavior, infectious and noninfectious diseases, husbandry and breeding, common experimental methods, and use of the species as a research model. With many expert contributors, this will be an extremely
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Colon-Luis Bustos-Fernandez 2013-11-11 The functional and organic alterations of the colon constitute one of the leading reasons why patients consult gastroenterologists. The irritable colon is one of the most common causes of discomfort in human beings. The organic pathology of the large bowel (malignancy and chronic inflammatory disease) contributes, particularly among Occidental peoples, to discouragingly high levels of morbidity and mortality. One realizes the importance of having a thorough physiologic knowledge of the colon in order to scientifically plan the functional treatment of organic colonic diseases. If we consider the large amount of material published on the physiology of the esophagus, stomach, small bowel, pancreas, and liver, we realize that the colon has been relatively neglected. The chapters in this book have been written by people who have done their utmost to alter this imbalance. I want to thank all the contributors for their generous collaboration that allows me to present in one volume virtually all the information known about the structure and function of the colon, and to record my deep gratitude to Dr. Howard Spiro for his willingness to include this volume in his series. I would also like to express my sincere appreciation to Plenum Publishing Corporation for making this book possible. A special thanks goes to Dr.

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