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Geriatrics, An Issue of Veterinary Clinics: Small Animal Practice - E-Book

Imaging the Aging Brain

Proceedings of the Twenty-First World Congress on Anti-Aging Medicine & Regenerative Biomedical Technologies, sponsored by the American Academy of Anti-Aging Medicine (A4M)

Good Old Dog

A practical manual covering the full spectrum of PET and PET/CT imaging, now in common clinical practice, this book includes images of normal variants, artifacts, and pathologic conditions. Indications for and the relative clinical value of PET in the armamentarium of diagnostic medical imaging are reviewed. The information in the book is organized to be brief, concise, easy-to-understand and readily accessed. This book is intended for all health practitioners who need a concise reference and review of PET imaging indications, protocols and clinical applications. It will be useful to radiologists, nuclear medicine physicians, and clinicians who refer their patients to PET Centers for diagnostic imaging, including neurologists, neurosurgeons, psychiatrists, cardiologists, internists, and oncologists. Radiologic and nuclear medicine technologists, and physicians in training will also benefit from this work.

PET/CT in Brain Disorders

PET imaging has shown its value in diagnosing diseases affecting older people. Most significantly this has been with regard to the diagnosis of Alzheimer's disease and other forms of dementia. Parkinson's disease is another condition in which PET has proved valuable. This issue also included articles on the uses of PET for diagnosing cerebrovascular disease and for assessing neuroplasticity.

Dog Songs

Covers the fundamentals of supramolecular chemistry; supramolecular advancements and methods in the areas of chemistry, biochemistry, biology, environmental and materials science and engineering, physics, computer science, and applied mathematics.

Cognitive Changes of the Aging Brain

The book Alzheimer's Disease - Epidemiology, Neuropathology, Neurochemistry, and Clinics is derived from an International Symposium on the occasion of the 125th Anniversary of the Birth of Alois Alzheimer (14.6.1864-19.12.1915). Over the past decade, as the elderly have become the fastest-growing segment of the population in industrialized countries, Alzheimer's disease has emerged as one of the major mental health problems. The contributors to this book represent internationally recognized authorities in the field of dementia and present new information about epidemiology, neuropathology, neurochemistry, and clinics in Alzheimer's disease. This book is a rich and valuable up-to-date resource for psychiatrists, neurologists, scientists working in the fields of neuropathology, neurochemistry and molecular genetics, behavioral scientists, family physicians and all who share an interest in understanding and treating the older individual with Alzheimer's disease/dementia.

Contribution of FDG to Modern Medicine, Part I, An Issue of PET Clinics,

The book deeply focuses on the epidemiology, diagnostics, therapy and molecular basis of canine and feline dementia or cognitive dysfunction syndrome. The aim is to provide a broad overview of the current knowledge on canine and feline dementia. Experiences of clinicians are appropriately linked with current scientific knowledge in a readily comprehensible form. In the first three chapters we describe the clinical pictures of canine and feline dementia, discuss the medical causes of the disease and its phenotypic variability. In the 4th chapter we introduce the dog as an appropriate animal model for human Alzheimer's disease progression. Then we shed light on the neuropathological hallmarks of canine and feline

dementia. For the first time we touch upon the modern diagnostic approaches based on the neuroproteomic technological progress. Last but not least, we address the current pharmacological and non-pharmacological approaches for therapy and risk and protective factors of feline and canine dementia. The book addresses clinicians, researchers, university teachers and graduate students in veterinary neurology and medicine.

Fractals of Brain, Fractals of Mind

Amyloid protein aggregates are involved in "protein-misfolding diseases" of enormous social and economic impact, still with no effective therapies. The most prevalent amyloid pathologies are related to neurodegenerative diseases, but amyloidosis also affects other organs. The majority of the studies includes serious health connotations on amyloids. However, not all amyloid fibers play a detrimental role in host. An increasing number of studies shows an important beneficial role as "functional amyloids". This book opens an exciting door to provide up-to-date information about the function and the mechanisms of the amyloid formation process from the structural, biophysical, biomedical, and nanotechnological perspective, combining the new findings on toxic and functional amyloids studies using theoretical and experimental approaches to fight against amyloid-based diseases.

PET and SPECT in Psychiatry

This multidisciplinary volume examines the neural mechanisms underlying changes in the aging brain, changes in learning and memory, risk and protective factors, and the assessment and prevention of cognitive decline.

Brain Rules for Aging Well

A comprehensive update on geriatrics for the small animal practitioner! Articles will include: clinical pathology interpretation in geriatric patients, geriatric pharmacology, sedation and anesthesia protocols for older patients, management strategies for chronic renal disease in older dogs and cats, alimentary neoplasia, thyroid disorders in the geriatric patient, nutrition for aging cats and dogs, canine and feline cognitive dysfunction syndrome, implementing a successful senior/geriatric health care program, complimentary/alternative medicine in age-related diseases, pain management in older patients, the diagnosis and management of age-related cardiac disease, dentistry in geriatric veterinary patients, and more!

Alzheimer's Disease. Epidemiology, Neuropathology, Neurochemistry, and Clinics

Examines the alterations of cognition, perception, and behavior that occur with healthy brain aging, their mechanisms, and their management.

Exploring New Findings on Amyloidosis

Discussing not only PET technique and instrumentation, but new developments in a broad range of fields such as kinetics, enzyme/neurotransmitter transport, language acquisition, and neuropathology, Brain Imaging Using PET will appeal to both PET experts and non-PET users in many branches of neuroscience. The authors offer an invaluable analysis of brain imaging and techniques, providing everything from the foundations to the practical applications of the modern techniques used in PET. Key Features * Head motion correction * Tricks for PET imaging of monkeys and other animals * Parametric images by quantification without arterial blood sampling * Measurement of endogenous dopamine release * Imaging acetylcholine esterase activity in Alzheimer patients * Dopaminergic functions in Parkinson patients and animal models * New tracers for PET imaging of NK1, sigma-1 and other receptors * Application of Bayesian, wavelet, cluster and other math techniques

Radiopharmaceuticals and Brain Pathophysiology Studied with Pet and Spect

This issue of PET Clinics examines the Contribution of FDG to Modern Medicine. In the first of two issues, articles include: The Basic Principles of FDG-PET/CT Imaging; FDG-PET in Diffuse Large B-cell Lymphoma; FDG-PET in Thoracic Malignancies; FDG-PET/CT in Gastrointestinal Malignancies; FDG-PET/CT in Infectious and Inflammatory Diseases; FDG in Urologic Malignancies; FDG-PET for Interventional Oncology in Liver Malignancy; FDG-PET in Neurology and Psychiatry, and more!

Canine and Feline Dementia

Describes recent scientific understanding of how the brain gets built, providing insight into human behavior and the effects of nature and nurture; and discusses how the brain gets damaged by environmental, internal, and external influences.

When I'm 64

Presents a companion to a PBS special that outlines an anti-aging program for retaining youthful mental clarity, improving energy, and strengthening the immune system.

Imaging the Aging Brain

"The importance of brain imaging for clinical diagnosis and the understanding of basic mechanisms of disease and aging is well-known in medical science. These techniques have been the basis for numerous studies that have striven to better detect neurological disorders and age-related change in the brain." "This book - co-edited by world-renowned Alzheimer's disease researcher and clinician, William Jagust, and world-renowned neurologist and cognitive neuroscientist, Mark D'Esposito - contains chapters from experts in the fields of brain imaging, clinical neuroscience, and cognitive neuroscience who have studied the aging brain. Topics covered include technical factors in brain imaging, pathological basis of age-related structural and functional changes, neurochemistry and genetics of brain imaging in aging, and the use of imaging techniques in diagnosis, longitudinal testing, drug development and testing, and presymptomatic detection. The book is intended to be both a detailed review of the current status of brain imaging and aging and to serve as an introduction to the field for those who may be starting investigations using imaging techniques of PET, structural MRI, and functional MRI. It covers basic science approaches such as using fMRI to probe networks, as well as recent developments such as amyloid imaging and the use of imaging as a biomarker in clinical trials." "The field of brain aging is undergoing rapid expansion because of new techniques such as fMRI and amyloid imaging which have been applied to both basic and clinical problems. Imaging the Aging Brain is a compendium of relevant knowledge and up-to-date analysis. Written by leaders in neurological research and presented in color, this book is as timely as it is thorough." --Book Jacket.

The Hidden Brain

The hidden brain is the voice in our ear when we make the most important decisions in our lives—but we're never aware of it. The hidden brain decides whom we fall in love with and whom we hate. It tells us to vote for the white candidate and convict the dark-skinned defendant, to hire the thin woman but pay her less than the man doing the same job. It can direct us to safety when disaster strikes and move us to extraordinary acts of altruism. But it can also be manipulated to turn an ordinary person into a suicide terrorist or a group of bystanders into a mob. In a series of compulsively readable narratives, Shankar Vedantam journeys through the latest discoveries in neuroscience, psychology, and behavioral science to uncover the darkest corner of our minds and its decisive impact on the choices we make as individuals and as a society. Filled with fascinating characters, dramatic storytelling, and cutting-edge science, this is an engrossing exploration of the secrets our brains keep from us—and how they are revealed.

PET in the Aging Brain, An Issue of PET Clinics

From the renowned veterinary school at Tufts University: "A must read for pet lovers who want to ensure their dog has quality golden years" (USA Today). Our dogs are living longer than ever thanks to enormous advances in medical treatment and a highly evolved understanding of what they need to thrive. No one knows this better than the faculty of the Cummings

Veterinary School at Tufts, who treat more than eight thousand older dogs annually. Their philosophy of caring for aging canines combines empathy for each individual pet and owner, a comprehensive approach to patient care, cutting-edge science and technology, and a commitment to innovation. Good Old Dog brings their renowned clinic to you, sharing essential knowledge to keep man's best friend thriving through their golden years. Nutritional advice: Not every senior diet is right for every senior dog Information on treating conditions common to older dogs How to evaluate complicated procedures and decide what's right for your pet The cost of caring for an older canine and how to shoulder the burden How to identify cognitive decline and manage it Advice on creating a healthy and comfortable environment How to determine when "it's time" and how to cope with the loss And much more

The Whole Brain Atlas

The Wiley Handbook on the Aging Mind and Brain

Cohen (National Institute of Aging) explains the brain's functioning, its biochemical and behavioral dimensions, and its changes and resiliency with aging. Annotation copyright Book News, Inc. Portland, Or.

Physiological Imaging of the Brain with PET

Clinical PET and PET/CT

This multimedia CD-ROM is a comprehensive and interactive visual guide to normal brain anatomy and brain pathology as seen on tomographic images. The CD-ROM contains over 13,000 MRI, PET, SPECT, and CT images and video clips of normal brain structures and pathologic changes in cerebrovascular, neoplastic, degenerative, and inflammatory/infectious diseases. Thirty illustrative cases integrate whole-brain imaging data sets from real patients with clinical information. Unique software navigational tools enable the user to / compare normal and abnormal images / view transaxial slices of the brain / superimpose images in different modalities / take guided video "tours" of brain structures and disease states. An Atlas of Normal Structure and Blood Flow depicts 100 major brain structures. Complete demonstrations of vascular anatomy and normal aging are also included. The 30 cases consist of full volume data sets in one or several imaging modalities. Some cases include images acquired at several points in the course of a disease. The images can be superimposed to allow direct spatial and temporal comparisons between image types and between points in time. Windows / Macintosh Compatible Compatibility: BlackBerry® OS 4.1 or Higher / iPhone/iPod Touch 2.0 or Higher / Palm OS 3.5 or higher / Palm Pre Classic /

Symbian S60, 3rd edition (Nokia) / Windows Mobile™ Pocket PC (all versions) / Windows Mobile Smartphone / Windows 98SE/2000/ME/XP/Vista/Tablet PC

Encyclopedia of the Human Brain

Nutrigenomics is the new science of how diet affects gene expression at the cellular level, creating vibrant health or chronic disease. Optimum health begins in the cells—and this book shows you how to achieve it for your dog!

CANINE NUTRIGENOMICS

This issue includes every subject relevant to neuroradiology that one may expect to encounter in a general emergency radiology practice. The most important concepts in emergent brain, spine, head & neck imaging, as well as pediatric nonaccidental trauma are reviewed, and the issue provides an excellent starting point for learning the fundamentals of emergency neuroradiology and can serve as a reference for those wishing to reinforce their current knowledge base.

Animal Models of Human Cognitive Aging

How come I can never find my keys? Why don't I sleep as well as I used to? Why do my friends keep repeating the same stories? What can I do to keep my brain sharp? Scientists know. Brain Rules for Aging Well, by developmental molecular biologist Dr. John Medina, gives you the facts, and the prescription to age well, in his signature engaging style. With so many discoveries over the years, science is literally changing our minds about the optimal care and feeding of the brain. All of it is captivating. A great deal of it is unexpected. In his New York Times best seller Brain Rules, Medina showed us how our brains really work, and why we ought to redesign our workplaces and schools to match. In Brain Rules for Baby, he gave parents the brain science they need to know to raise happy, smart, moral kids. Now, in Brain Rules for Aging Well, Medina shares how you can make the most of the years you have left. In a book destined to be a classic on aging, Medina's fascinating stories and infectious sense of humor breathe life into the science. Brain Rules for Aging Well is organized into four sections, each laying out familiar problems with surprising solutions. First up, the social brain, in which topics ranging from relationships to happiness and gullibility illustrate how our emotions change with age. The second section focuses on the thinking brain, explaining how working memory and executive function change with time. The third section is all about your body: how certain kinds of exercise, diets, and sleep can slow the decline of aging. Each section is sprinkled with practical advice, for example, the fascinating benefits of dancing, and the brain science behind each intervention. The final section is about the future. Your future. Medina connects all the chapters into a plan for maintaining your brain health. You may already be experiencing the sometimes-unpleasant effects of the aging process. Or you may be deeply concerned

about your loved ones who are. Either way, Brain Rules for Aging Well is for you.

Encyclopedia of Supramolecular Chemistry

"The importance of brain imaging for clinical diagnosis and the understanding of basic mechanisms of disease and aging is well-known in medical science. These techniques have been the basis for numerous studies that have striven to better detect neurological disorders and age-related change in the brain." "This book - co-edited by world-renowned Alzheimer's disease researcher and clinician, William Jagust, and world-renowned neurologist and cognitive neuroscientist, Mark D'Esposito - contains chapters from experts in the fields of brain imaging, clinical neuroscience, and cognitive neuroscience who have studied the aging brain. Topics covered include technical factors in brain imaging, pathological basis of age-related structural and functional changes, neurochemistry and genetics of brain imaging in aging, and the use of imaging techniques in diagnosis, longitudinal testing, drug development and testing, and presymptomatic detection. The book is intended to be both a detailed review of the current status of brain imaging and aging and to serve as an introduction to the field for those who may be starting investigations using imaging techniques of PET, structural MRI, and functional MRI. It covers basic science approaches such as using fMRI to probe networks, as well as recent developments such as amyloid imaging and the use of imaging as a biomarker in clinical trials." "The field of brain aging is undergoing rapid expansion because of new techniques such as fMRI and amyloid imaging which have been applied to both basic and clinical problems. Imaging the Aging Brain is a compendium of relevant knowledge and up-to-date analysis. Written by leaders in neurological research and presented in color, this book is as timely as it is thorough." --Book Jacket.

Emergency Neuroradiology, An Issue of Radiologic Clinics of North America - E-Book

A thought-provoking treatise on understanding and treating the aging mind and brain This handbook recognizes the critical issues surrounding mind and brain health by tackling overarching and pragmatic needs so as to better understand these multifaceted issues. This includes summarizing and synthesizing critical evidence, approaches, and strategies from multidisciplinary research—all of which have advanced our understanding of the neural substrates of attention, perception, memory, language, decision-making, motor behavior, social cognition, emotion, and other mental functions. Written by a plethora of health experts from around the world, The Wiley Handbook on the Aging Mind and Brain offers in-depth contributions in 7 sections: Introduction; Methods of Assessment; Brain Functions and Behavior across the Lifespan; Cognition, Behavior and Disease; Optimizing Brain Function in Health and Disease; Forensics, Competence, Legal, Ethics and Policy Issues; and Conclusion and New Directions. Geared toward improving the recognition, diagnosis, and treatment of many brain-based disorders that occur in older adults and that cause disability and death Seeks to advance the care of patients who have perceptual, cognitive, language, memory, emotional, and many other behavioral symptoms associated

with these disorders Addresses principles and practice relevant to challenges posed by the US National Academy of Sciences and National Institute of Aging (NIA) Presents materials at a scientific level that is appropriate for a wide variety of providers The Wiley Handbook on the Aging Mind and Brain is an important text for neurologists, psychiatrists, psychologists, physiatrists, geriatricians, nurses, pharmacists, social workers, and other primary caregivers who care for patients in routine and specialty practices as well as students, interns, residents, and fellows.

Inside the Brain

By 2030 there will be about 70 million people in the United States who are older than 64. Approximately 26 percent of these will be racial and ethnic minorities. Overall, the older population will be more diverse and better educated than their earlier cohorts. The range of late-life outcomes is very dramatic with old age being a significantly different experience for financially secure and well-educated people than for poor and uneducated people. The early mission of behavioral science research focused on identifying problems of older adults, such as isolation, caregiving, and dementia. Today, the field of gerontology is more interdisciplinary. When I'm 64 examines how individual and social behavior play a role in understanding diverse outcomes in old age. It also explores the implications of an aging workforce on the economy. The book recommends that the National Institute on Aging focus its research support in social, personality, and life-span psychology in four areas: motivation and behavioral change; socioemotional influences on decision-making; the influence of social engagement on cognition; and the effects of stereotypes on self and others. When I'm 64 is a useful resource for policymakers, researchers and medical professionals.

FDG PET/CT Imaging: Normal Variations and Benign Findings - Translation to PET/MRI, An Issue of PET Clinics, E-Book

This collective volume is the first to discuss systematically what are the possibilities to model different aspects of brain and mind functioning with the formal means of fractal geometry and deterministic chaos. At stake here is not an approximation to the way of actual performance, but the possibility of brain and mind to implement nonlinear dynamic patterns in their functioning. The contributions discuss the following topics (among others): the edge-of- chaos dynamics in recursively organized neural systems and in intersensory interaction, the fractal timing of the neural functioning on different scales of brain networking, aspects of fractal neurodynamics and quantum chaos in novel biophysics, the fractal maximum-power evolution of brain and mind, the chaotic dynamics in the development of consciousness, etc. It is suggested that the margins of our capacity for phenomenal experience, are fractal-limit phenomena . Here the possibilities to prove the plausibility of fractal modeling with appropriate experimentation and rational reconstruction are also discussed. A conjecture is made that the brain vs. mind differentiation becomes possible, most probably, only with the imposition of

appropriate symmetry groups implementing a flowing interface of features of local vs. global brain dynamics. (Series B)

Physical Activity and the Aging Brain

This book covers three major areas essential to in vivo biochemical studies with PET and SPECT: synthesis of radiopharmaceuticals, biological modeling, and clinical applications. The book emphasizes advances in the synthesis of radiopharmaceuticals used in PET and SPECT studies of brain flow and oxidatative metabolism, in addition to biological modeling. The most widely used 2-deoxyglucose/2-fluorodeoxyglucose models are discussed, as well as models used in the quantitation of brain receptors. Other topics include a possible model for converting 6-[18F] fluorodopa images into the quantitative rate of dopamine synthesis, evaluations of technetium- and iodine-labeled blood flow tracers, and possibilities for using SPECT to measure other pathophysiological variables. This book will be a valuable reference source to students and specialists interested in these in vivo measurements.

Veterinary Neuropathology

This up-to-date, superbly illustrated book is a practical guide to the effective use of neuroimaging in the patient with cognitive decline. It sets out the key clinical and imaging features of the various causes of dementia and directs the reader from clinical presentation to neuroimaging and on to an accurate diagnosis whenever possible. After an introductory chapter on the clinical background, the available "toolbox" of structural and functional neuroimaging techniques is reviewed in detail, including CT, MRI and advanced MR techniques, SPECT and PET, and image analysis methods. The imaging findings in normal ageing are then discussed, followed by a series of chapters that carefully present and analyze the key findings in patients with dementias. Throughout, a practical approach is adopted, geared specifically to the needs of clinicians (neurologists, radiologists, psychiatrists, geriatricians) working in the field of dementia, for whom this book will prove an invaluable resource.

Figure Skating Word Search Book For Adults

This issue of PET Clinics examines normal variations and benign findings in FDG PET/CT Imaging. Topics include Standardization and quantification in FDG PET /CT imaging for staging and restaging of disease, dynamic changes in FDG uptake in normal tissues, as well as normal variations in the brain, head and neck, thorax, abdomen, pelvis, and in pediatrics.

Brain Imaging Using PET

Significant improvements in lifestyle and medical science are leading to an ever increasing elderly population in the United States and other developed nations. The U.S census bureau estimates that the number of people over 65 will nearly double by 2030, and that the elderly will comprise nearly one-fifth of the world's entire population within the next 20 years. In *Animal Models of Human Cognitive Aging*, Jennifer Bizon, Alisa Woods, and a panel of international authorities comprehensively discuss the use of animal models as a tool for understanding cognitive changes associated with the aging process. The book provides substantive background on the newest and most widely used animal models in studies of cognition and aging, while detailing the normal and pathological processes of brain aging of humans in relation to those models. Additional chapters comprehensively review frontal cortical deficits and executive function in primates as related to humans, and the use of transgenic modulation in mice to model Alzheimer's and other age-related diseases. Groundbreaking and authoritative, *Animal Models of Human Cognitive Aging* provides a valuable resource for Neuroscientists, Gerontological Scientists and all aging medicine researchers, while serving as a primer for understanding current brain aging studies.

Brain Imaging, Memory, and the Aging Brain

Physical Activity and the Aging Brain: Effects of Exercise on Neurological Function is a complete guide to the manifold effects of exercise and physical activity on the aging brain. Cognitive decline and motor impairment, onset of diseases and disorders, and even changes in family structure and social settings that occur as we age can all impact activity levels, yet continued physical activity is crucial for successful neurological functioning. This book examines the role that exercise and physical activity play in halting or modulating the deleterious effects of these numerous aging concerns by first examining the current state of research into how exercise manifests physical changes in the brain. It then discusses how physical activity combines with other lifestyle factors to benefit the aging brain, including nutrition, computerized brain training, and social engagement. Most significantly, it also covers how physical activity can serve as therapy to help alleviate the symptoms of various neurological diseases impacting aging populations, with particular emphasis on Alzheimer's disease and age-related cognitive decline. The book provides broad coverage of the effects of exercise and physical activity on the aging brain, its therapeutic effects, and the many factors that influence the aging process. Presents research scientists with a complete understanding of the role of exercise in healthy brain aging Considers the roles of nutrition, the mind-body connection, and other lifestyle factors Presents a major resource for exercise and physical activity in the neurological health of older adults Provides a synopsis of key ideas associated with the many aspects of physical activity, along with lifestyle factors that can modify neurological diseases and age-related neurological decline

The Aging Brain

This well-illustrated pocket book offers up-to-date guidance on the clinical and research applications of PET/CT in the most common neurological and neuro-oncological disorders. The opening chapters cover the pros and cons of widely used radiological imaging techniques, scanners, and radiopharmaceuticals, with emphasis on the state of the art hybrid modalities, primarily PET/CT but also PET/MRI. Helpful information is provided on the clinical and research tracers used in neurodegenerative diseases, movement disorders, epilepsy and brain tumours. These four killers are then discussed in detail, highlighting the role of PET/CT and targeted tracers in their assessment and in radiotherapy planning. In addition, the clinical applications of PET/MRI are considered. Throughout, many images are included to better explain the diseases and the role of hybrid imaging, and the final chapter presents a large sample of teaching cases and files that will assist in daily clinical practice. The book has been compiled under the auspices of the British Nuclear Medicine Society. It will be an excellent asset for nuclear medicine physicians, radiologists, radiographers, neurologists and neurosurgeons.

Contribution of FDG to Modern Medicine, Part II, An Issue of PET Clinics,

Physiological Imaging of the Brain with PET provides the latest techniques and applications for PET as a tool to study the physiology of the brain, and is sponsored by the International Society of Cerebral Blood Flow and Metabolism. It covers all of the fundamental disciplines of PET in one volume. Written by international experts in brain imaging, it is a useful reference for the active brain PET scientist, and a valuable introduction to students, clinicians, and researchers who wish to take advantage of the capabilities of this technique to study the normal and diseased brain. Key Features * Provides the latest techniques and applications of positron emission tomography (PET) * Covers all fundamental disciplines of PET in one volume * Serves as a comprehensive resource for students, clinicians and new researchers

Neuroimaging in Dementia

Part II of the important issue on Contribution of FDG to Modern Medicine. Articles will include: FDG in infectious/inflammatory diseases, FDG in cardiovascular disease, Assessment of treatment response using PET, PET based chemotherapy response assessment, PET based radiation therapy planning, PET based interventional radiology, PET/MRI, Evolving and upcoming applications of FDG-PET in medicine, and more.

The Brain in Human Aging

Use Your Brain to Change Your Age

PET and SPECT in Psychiatry showcases the combined expertise of renowned authors whose dedication to the investigation of psychiatric disease through nuclear medicine technology has achieved international recognition. The classical psychiatric disorders as well as other subjects – such as suicide, sleep, eating disorders, and autism – are discussed and the latest results in functional neuroimaging are detailed. Most chapters are written jointly by a clinical psychiatrist and a nuclear medicine expert to ensure a multidisciplinary approach. This state of the art compendium will be valuable to all who have an interest in the field of neuroscience, from the psychiatrist and the radiologist/nuclear medicine specialist to the interested general practitioner and cognitive psychologist. It is the first volume of a trilogy on PET and SPECT imaging in the neurosciences; other volumes will focus on PET and SPECT in neurology and PET and SPECT of neurobiological systems.

Anti-Aging Therapeutics Volume XVI

“The popularity of [Dog Songs] feels as inevitable and welcome as a wagging tail upon homecoming.” —The Boston Globe
Mary Oliver’s Dog Songs is a celebration of the special bond between human and dog, as understood through the poet’s relationships to the canines that have accompanied her daily walks, warmed her home, and inspired her work. Oliver’s poems begin in the small everyday moments familiar to all dog lovers, but through her extraordinary vision, these observations become higher meditations on the world and our place in it. Dog Songs includes visits with old friends, like Oliver’s beloved Percy, and introduces still others in poems of love and laughter, heartbreak and grief. Throughout, the many dogs of Oliver’s life merge as fellow travelers and as guides, uniquely able to open our eyes to the lessons of the moment and the joys of nature and connection.

Geriatrics, An Issue of Veterinary Clinics: Small Animal Practice - E-Book

This challenging sport and activity word search puzzles book is perfect for word puzzles lovers who want to have fun and challenge during free times, vacations, retirement, waiting times, etc, and learn all about sport name players names, champions name, Makes a great Christmas, Birthday, Independence Day, Veterans Day, Thanksgiving, Labor Day, Mother's or Father's Day gift, valentine's day This puzzle book has: word searches puzzles with Printed solutions at the end of the book, about all sports More than 1000 sport and player, players, soccers, to discover Large print words for easy reading

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