

Human Anatomy And Physiology Rahul Phate

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Out of Time Rahul Rao 2020-03-09 Between 2009 and 2014, an anti-homosexuality law circulating in the Ugandan parliament came to be the focus of a global conversation about queer rights. The law attracted attention for the draconian nature of its provisions and for the involvement of US evangelical Christian activists who were said to have lobbied for its passage. Focusing on the Ugandan case, this book seeks to understand the encounters and entanglements across geopolitical divides that produce and contest contemporary queerphobias. It investigates the impact and memory of the colonial encounter on the politics of sexuality, the politics of religiosity of different Christian denominations, and the political economy of contemporary homophobic moral panics. In addition, Out of Time places the Ugandan experience in conversation with contemporaneous developments in India and Britain--three locations that are yoked together by the experience of British imperialism and its afterlives. Intervening in a queer theoretical literature on temporality, Rahul Rao argues that time and space matter differently in the queer politics of postcolonial countries. By employing an intersectional analysis and drawing on a range of sources, Rao offers an original interpretation of why queerness mutates to become a metonym for categories such as nationality, religiosity, race, class, and caste. The book argues that these mutations reveal the deep grammars forged in the violence that founds and reproduces the social institutions in which queer difference struggles to make space for itself.

Ideology and Identity Pradeep K. Chhibber 2018-08-24 Indian party politics, commonly viewed as chaotic, clientelistic, and corrupt, is nevertheless a model for deepening democracy and accommodating diversity. Historically, though, observers have argued that Indian politics is non-ideological in nature. In contrast, Pradeep Chhibber and Rahul Verma contend that the Western European paradigm of "ideology" is not applicable to many contemporary multiethnic countries. In these more diverse states, the most important ideological debates center on statism--the extent to which the state should dominate and regulate society--and recognition--whether and how the state should accommodate various marginalized groups and protect minority rights from majorities. Using survey data from the Indian National Election Studies and evidence from the Constituent Assembly debates, they show how education, the media, and religious practice transmit the competing ideas that lie at the heart of ideological debates in India.

Anatomy and Physiology for Nurses Inderbir Singh 2008-12-01

Manual of Practical Anatomy: Head and Neck and Brain Daniel John Cunningham 1966

Life on a Knife's Edge Rahul Jandial 2021-06-03 'It's a brilliant book... There are lessons in every paragraph... Get it now.' Chris Evans 'Wonderous and wild. I loved this book' James Nestor, bestselling author of *Breath* 'Moving, raw and unflinching' Julia Samuel, bestselling author of *This Too Shall Pass* 'Incredible storytelling' Dr Rangan Chatterjee, bestselling author of *Feel Better in 5* _____ How do you carry on when things go deadly wrong? When Dr Rahul Jandial operated on Karina, an eleven-year-old girl whose spinal cord was splitting in two, he had to make an impossible decision. He followed his head over his gut and Karina was left permanently paralysed, altering both patient and surgeon's lives for ever. This decision would haunt Rahul for decades, a constant reminder of the fine line between saving and damaging a life. As one of the world's leading brain surgeons, Rahul is the last hope for patients with extreme forms of cancer. In treating them, he has observed humanity at its most raw and most robust. He has journeyed to unimaginable extremes with them, guiding them through the darkest moments of their lives. Life on a Knife's Edge is Rahul's poetic and beautifully written account of the resilience, courage and belief he has witnessed in his patients, and the lessons about human nature he has learned from them. It is about the impossible choices he has to make, and the fateful consequences he is forced to live with. From challenging the ethics of surgical practices, to helping a patient with locked-in syndrome communicate her dying wish to her family, Rahul shares his extraordinary experiences, revealing the depths of a surgeon's psyche that is continuously pushed to its limits.

Bd Chaurasia's Human Anatomy B. D. Chaurasia 2013

Anatomy & Physiology 2016

Physiology - An Illustrated Review Roger TannerThies 2011-10-10 The perfect study tool for preparing for your courses or examinations - Physiology - An Illustrated Review's focused presentation and full-color illustrations makes learning the complex information essential to success easier. Sidebars make connections to underlying concepts in other basic sciences or apply the concepts presented in the clinical setting .Features: Succinct bullet-point text streamlines studying Hundreds of full-color illustrations reinforce clear explanatory text Numerous tables sum up crucial information for quick review Frequent sidebars build on and integrate learning across the basic sciences and apply this learning to the clinical setting 200 review questions with a rationale for why answers are right or wrong test mastery and help you prepare for exams An additional 200 review questions, all available online allow you to test yourself and get immediate feedback, quickly identifying areas for further study *Encyclopedia of Cancer and Society* Graham A. Colditz 2007-09-12 The Encyclopedia of Cancer and Society is the first multivolume resource to define the issues that surround cancer and its effects on society. With more than 750 entries, these three volumes help students, practitioners, and researchers navigate through the terminology and concepts to better understand how cancer affects us way beyond the medical conditions that are regrettably more than obvious. The scope of the Encyclopedia encompasses the relative individual and societal aspects of cancer, from the latest research from the National Cancer Institute to studies on alternative diet and nutrition treatments.

Third World Protest Rahul Rao 2010-07-08 If boundaries protect us from threats, how should we think about the boundaries of states in a world where threats to human rights emanate from both outside the state and the state itself? Arguing that attitudes towards boundaries are premised on assumptions about the locus of threats to vital interests, Rahul Rao digs beneath two major normative orientations towards boundaries--cosmopolitanism and nationalism--which structure thinking on questions of public policy and identity. Insofar as the Third World is concerned, hegemonic versions of both orientations are underpinned by simplistic imageries of threat. In the cosmopolitan gaze, political and economic crises in the Third World are attributed mainly to factors internal to the Third World state with the international playing the role of heroic saviour. In Third World nationalist imagery, the international is portrayed as a realm of neo-imperialist predation from which the domestic has to be secured. Both images capture widely held intuitions about the sources of threats to human rights, but each by itself provides a resolutely partial inventory of these threats. By juxtaposing critical accounts of both discourses, Rao argues that protest sensibilities in the current conjuncture must be critical of hegemonic variants of both cosmopolitanism and nationalism. The second half of the book illustrates what such a critique might look like. Journeying through the writings of James Joyce, Rabindranath Tagore, Edward Said and Frantz Fanon, the activism of 'anti-globalisation' protesters, and the dilemmas of queer rights activists, Rao demonstrates that important currents of Third World protest have long battled against both the international and the domestic, in a manner that combines nationalist and cosmopolitan sensibilities.

Dizziness and Vertigo Rahul Kanegaonkar 2014-05-22 Highly Commended, BMA Medical Book Awards 2015Vertigo and Dizziness: An Introduction and Practical Guide describes the basic knowledge and practical skills necessary for managing patients presenting with the common symptoms of dizziness and vertigo. It provides practitioners with a comprehensive overview of these conditions, steps for diagnosing pa

Global Governance of Financial Systems Kern Alexander 2005-09-08 The book sets forth the economic rationale for international financial regulation and what role, if any, international regulation can play in effectively managing systemic risk while providing accountability to all affected nations. The book suggests that a particular type of global governance structure is necessary to have more efficient regulation of the international financial system.

Anatomy Physiology And Health Education Rahul P. Phate 2008-05-01 Topics Section I : Body Basics Sections II : Strong Support Section III : Internal Intelligence Section IV : Co-Operative Communication Section V : Regular Regulation Section VI : Reproductive Responsibility Section VII : Special Senses Section VIII : Major Maintenance Section IX : Human Health Section X : Exact Exercise Section XI : Practical Physiology

CBS Confident Pharmacy Series Human Anatomy and Physiology V.N. Raje 2018

Methods in Biliary Research Maurizio Muraca 1994-11-28 This exciting new book brings together the most significant information on the procedures that have generated most of the recent progress in hepatobiliary pathophysiology. The authors describe their unique experiences, including specific technical and analytical problems. Since workers in the field often specialize within a limited area, the methodology covering each of the main aspects in hepatobiliary research is particularly useful. The book also includes an exhaustive reference list.

Reasons and Recognition R. Jay Wallace 2011-09-15 Reasons and Recognition brings together fourteen new papers on an array of topics from the many areas to which philosopher Thomas Scanlon has made path-breaking contributions, each of which develops a distinctive and independent position while critically engaging with central themes from Scanlon's own work in the area.

Self Assessment and Review of Anatomy K Rajesh Kaushal 2018-03-05

Guyton & Hall Textbook of Medical Physiology - E-Book Mario Vaz 2016-07-22 Chapters have been rearranged and often split to work towards one chapter-one lecture model. Learning objectives and glossary of terms in the begining of every chapter. 56 Videos and Animations 120 Multiple choice questions The main aim of the Second South Asia Edition is to meet the needs of the undergraduate medical students and faculty on South Asia by aligning the book to the teaching menthods in the subcontinent.

Human Anatomy And Physiology Dr. S. B. Bhise 2008-12-07

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Lectures on Geometry Edward Witten 2017-02-09 This volume contains a collection of papers based on lectures delivered by distinguished mathematicians at Clay Mathematics Institute events over the past few years. It is intended to be the first in an occasional series of volumes of CMI lectures. Although not explicitly linked, the topics in this inaugural volume have a common flavour and a common appeal to all who are interested in recent developments in geometry. They are intended to be accessible to all who work in this general area, regardless of their own particular research interests.

Clinically Oriented Anatomy Keith L. Moore 2018-07-12 Renowned for comprehensive coverage, the best-selling Clinically Oriented Anatomy guides students from initial anatomy and foundational science courses through clinical training and practice. The eighth edition reflects significant new information and updates and maintains the highest standards for scientific and clinical accuracy. Comprehensive updates reflect changes in the clinical application of anatomy as well as new imaging technologies, focusing on the anatomy that students need to know.

Manual of Contemporary Otological Practice Uma Patnaik 2021-09-19 Practice of otology today, requires a contemporary knowledge base, coupled with concurrent skill sets, and tempered with familiarity of the technological advances. This manual has been designed to address these three domains, making it a ready reference to guide specialists on the standards of care in practice. The chapters explore the current concepts, with a background of past practices, touching upon the basics of anatomy and physiology before dealing with clinical conditions and their management, covering specific clinical scenarios to develop a patient-oriented approach in the readers using evidence-based guidelines. Key Features Focuses on clinical scenarios, decision making and current concepts, providing patient-based scenarios which are relevant to all surgeons practicing otology. Serves as a companion guide to standards of care for otologists, neurotologists, otorhinolaryngologists, young surgeons and senior residents. Discusses various controversies in this field and provides a general consensus/guideline which is likely to be acceptable to most practitioners

Anatomy and Physiology J. Gordon Betts 2013-06 Anatomy and physiology is designed for the two-semester anatomy and physiology course taken by life science and allied health students.

Bd Chaurasia's Handbook of General Anatomy Krishna Garg 2019-05-30 This edition meets the requirements of students in medical and dental sciences, homeopathy, physiotherapy, occupational therapy, Ayurveda, Yoga, Unani, Siddha and alternative medicine, who are newly admitted to their respective professional colleges. It introduces the reader to the basics of human anatomy and anatomic terminology along with various structures which constitute the human body. All the chapters have been extensively illustrated with simple colour diagrams. Each chapter begins with a quotation giving subtle meaning to the topic. - A new chapter on basic genetics has been added to make the book more meaningful. - The chapter on radiology has been expanded and revised by extensive addition of radiology images. - A new section on biomechanics has been added in the chapter on joints, giving another dimension to the learning of mechanism of the joints. - ""Points to Remember"" are given at the end of each chapter to help students in their revision. - Self-evaluation can be carried out by answering the MCQs provided at the end of each chapter. - The appendix on anatomical word meanings and historic names makes a rich source of information that is basic to the study of medicine. - The size of the book has been deliberately kept small so that it fits into the student's pocket.

Basic Biomechanics Explained John L. Low 1996 A sound knowledge of some of the biomechanical material and concepts forms a necessary foundation for the study of physiotherapy. This book aims to explain biomechanics at an introductory level and requires only a basic understanding of anatomy and physiology. It includes numerous examples and clinical applications both for information and to provide illustrations of underlying mechanical principles.

The Hippocampus Book Per Andersen 2007 The hippocampus is one of a group of remarkable structures embedded within the brains medial temporal lobe. Long known to be important for memory, it has been a prime focus of neuroscience research for many years. This volume offers an account of what the hippocampus does, and what happens when things go wrong.--[Source inconnue].

Principles of Anatomy and Physiology Gerard J. Tortora 2015-09-22 This 14th edition of the phenomenally successful Principles of Anatomy and Physiology continues to set the standard for the discipline. Written and superbly illustrated for two-term, introductory Anatomy and Physiology students, this text offers a rich and complete teaching and learning environment. WileyPLUS is a research-based online environment for effective teaching and learning. WileyPLUS builds students' confidence because it takes the guesswork out of studying by providing a clear roadmap; what to do, how to do it, if they did it right. With WileyPLUS, students take more initiative so you'll have a greater impact. Access to WileyPLUS sold separately.

Body by Science John Little 2009-01-11 Building muscle has never been faster or easier than with this revolutionary once-a-week training program In Body By Science, bodybuilding powerhouse John Little teams up with fitness medicine expert Dr. Doug McGuff to present a scientifically proven formula for maximizing muscle development in just 12 minutes a week. Backed by rigorous research, the authors prescribe a weekly high-intensity program for increasing strength, revving metabolism, and building muscle for a total fitness experience.

Anatomy & Physiology Made Easy Nedu 2021-10-19 The Last Anatomy & Physiology Book You'll Need to Crush Your Exams! Would you like to... ELIMINATE THE CONFUSING BRICK-LIKE ANATOMY BOOKS FROM YOUR LIFE? UNDERSTAND ANATOMY IN A SIMPLE MANNER? CRUSH YOUR EXAMS LIKE NOTHING? THE HUMAN BODY IS THE MOST COMPLICATED AND MOST COMPLEX MACHINE ON EARTH. NOW, IMAGINE HOW MANY SYSTEMS, ORGANS, AND FUNCTIONS YOU NEED TO LEARN IF YOU WANT TO ACE YOUR PHYSIOLOGY AND ANATOMY CLASSES. THAT'S AN INSANE AMOUNT OF INFORMATION! TO MASTER THESE THINGS, YOU HAVE TO BE FAMILIAR WITH THE DIFFERENT TERMS AND ALSO LEARN HOW EACH OF THEM WORKS. THE PROBLEM WITH THE OLD PHYSIOLOGY AND ANATOMY BOOKS IS THAT THEY'RE WRITTEN LIKE AN ANCIENT LANGUAGE. THE WAY THAT ANATOMY AND PHYSIOLOGY HAS BEEN TAUGHT FOR MANY YEARS HASN'T CHANGED. THE PROBLEM IS NOT WITH YOU, BUT THE RESOURCES YOU USE TO LEARN. YOU NEED A BOOK THAT PROVIDES YOU WITH THE COMPLETE INFORMATION ON THE HUMAN BODY WITHOUT IT FEELING LIKE READING FROM A SCROLL. LUCKILY FOR YOU, THIS BOOK EXPLAINS EVERYTHING YOU NEED TO KNOW ABOUT THE HUMAN BODY IN SIMPLE WORDS! IN THIS BOOK ANATOMY & PHYSIOLOGY MADE EASY, YOU WILL LEARN ALL OF THE NECESSARY INFORMATION WITHOUT ALL THE COMPLICATIONS. PACKED WITH COMPLETE BODY SYSTEMS, ILLUSTRATIONS, AND SIMPLE EXPLANATIONS, THIS BOOK IS THE IDEAL RESOURCE TO HELP YOU LEARN ABOUT ANATOMY AND PHYSIOLOGY THE FAST WAY! Here's what you'll get: 300 CUSTOM-MADE ILLUSTRATIONS: IT'S EASIER TO UNDERSTAND HOW THE HUMAN BODY WORKS THROUGH CUSTOM-MADE ILLUSTRATIONS TO MAKE THESE CONCEPTS COME TO LIFE! EASY TO UNDERSTAND CONCEPTS: LEARNING COMPLICATED BODY STRUCTURES AND FUNCTIONS IS NOW MADE EASY WITH THESE SIMPLIFIED EXPLANATIONS AND DISCUSSIONS! COMPREHENSIVE TERMINOLOGY AND FUNCTIONS: EXPLORE THE BODY'S SYSTEMS AND UNDERSTAND HOW EACH OF THEM FUNCTIONS FROM HEAD TO TOE! WHETHER YOU'RE A STRUGGLING STUDENT, AN ASPIRING MEDICAL PRACTITIONER, OR AN ASPIRING FITNESS PROFESSIONAL, THIS BOOK GIVES YOU THE NECESSARY KNOWLEDGE YOU NEED TO EXCEL IN CLASS! WRITTEN IN A WAY THAT IS EASILY UNDERSTOOD AND LOADED WITH AMAZING ILLUSTRATIONS, ANATOMY & PHYSIOLOGY MADE EASY IS YOUR GUIDE TO A FANTASTIC VOYAGE OF THE HUMAN BODY! Scroll up, Click on "Buy Now", and Get Your Copy Now!

Philosophical Foundations of the Law of Torts John Oberdiek 2014-02 This book offers a rich insight into the law of torts and cognate fields, and will be of broad interest to those working in legal and moral philosophy. It has contributions from all over the world and represents the state-of-the art in tort theory.

Principles of Physiology

Human Anatomy & Physiology Rahul Phate 2008-01-01 Topics 1. Anatomy And Physiology: An Introduction 2. The Cell 3. The Tissues 4. The Skeleton 5. The Blood 6. The Lymphatic System 7. The Heart 8. The Repiratory System 9. The Urinary System 10. Skeletal Muscle And Physiology Of Muscle Contraction 11. Nervous System 12. Special Senses 13. Digestive System 14. Endocrinology 15. Reproductive System

Pharmacognosy Mr. S. B. Gokhale 2008-08-07

India and Civilizational Futures Vinay Lal 2019-07-10 This second volume based on the deliberations of the Backwaters Collective puts into serious question the most familiar categories that have informed humanistic inquiry and social science research until now. The contributors probe how the intellectual and cultural resources of Indic civilization might be deployed to introduce greater plurality into the world of modern knowledge systems and reinitiate metaphysics into the discourses of politics, with the hope that similar inquiries will in future be extended across the Global South. The chapters offer newer perspectives on India's past and intellectual traditions and suggest how we might liberate ourselves from the straightjackets of history, development, normal politics, the nation-state, and what globally passes for 'common sense' in various spheres of life and thought. While some contributors engage with a few figures who have been critical in shaping India's intellectual life, such as Kabir, Narayana Guru, Ambedkar, Tagore, and Gandhi, others bring into the limelight equally compelling if somewhat neglected figures such as Rahul Sankrityayan, Ranade, and T.R.V. Murti. Conceptual papers on intercommunalilty, South Asian ideas of hospitality, and mnemocultural modes of learning complete the volume.

MCQs in Anatomy with Explanatory Answers Vasanti Arole 2006-06-20 Compiled with an aim to answer the questions related to MCQs in anatomy.

Theory and Applications of Nonparenteral Nanomedicines Prashant Kesharwani 2020-09-12 Theory and Applications of Nonparenteral Nanomedicines presents thoroughly analysed data and results regarding the potential of nanomedicines conceived by diverse non-parenteral routes. In the context of nanotechnology-based approaches, various routes such as oral, pulmonary, transdermal, delivery and local administration of nanomedicine have been utilized for the delivery of nanomedicine. This book discusses the non-parenteral application of nanomedicine, its regulatory implications, application of mucus penetrating nanocarrier, and detailed chapters on development of nanomedicines developed for drug delivery by various route. Beginning with a brief introduction to the non-parenteral delivery of nanomedicine and the safety and regulatory implications of the nanoformulations, further chapters discuss the physiology of the biological barriers, the specificity of the nanocarriers as well as their multiple applications.

THEORY AND APPLICATIONS OF NONPARENTERAL NANOMEDICINES HELPS CLINICAL RESEARCHERS, RESEARCHERS WORKING IN PHARMACEUTICAL INDUSTRIES, GRADUATE STUDENTS, AND ANYONE WORKING IN THE DEVELOPMENT OF NON-PARENTERAL NANOMEDICINES TO UNDERSTAND THE RECENT PROGRESS IN THE DESIGN AND DEVELOPMENT OF NANOFORMULATIONS COMPATIBLE WITH NON-PARENTERAL APPLICATIONS. CONTAINS A COMPREHENSIVE REVIEW OF NON-PARENTERAL NANOMEDICINES PROVIDES ANALYSIS OF NON-PARENTERAL METHODS OF NANOMEDICINES INCLUDING REGULATORY IMPLICATIONS AND FUTURE APPLICATIONS EXPLORES A WIDE RANGE OF PROMISING APPROACHES FOR NON-PARENTERAL DRUG DELIVERY USING THE LATEST ADVANCEMENT IN NANOMEDICINE WRITTEN BY EXPERTS IN INDUSTRY AND ACADEMIA

HARSH ENVIRONMENT AND PLANT RESILIENCE Azamal Husen 2021-04-02 IN THE RECENT PAST, THREATS FROM CLIMATE CHANGE AND UNFORESEEABLE ENVIRONMENTAL EXTREMES TO PLANT GROWTH AND PRODUCTIVITY HAVE CONSISTENTLY INCREASED. THE CLIMATE CHANGE-DRIVEN EFFECTS, ESPECIALLY FROM UNPREDICTABLE ENVIRONMENTAL FLUCTUATIONS, CAN RESULT IN AN INCREASED PREVALENCE OF ABIOTIC AND BIOTIC STRESSES IN PLANTS. THESE STRESSES HAVE SLOWED DOWN THE GLOBAL YIELDS OF CROP PLANTS. ON THE OTHER HAND, FOOD SECURITY FOR THE RAPIDLY GROWING HUMAN POPULATION IN A SUSTAINABLE ECOSYSTEM IS A MAJOR CONCERN OF THE PRESENT-DAY WORLD. THUS, UNDERSTANDING THE CORE DEVELOPMENTAL, PHYSIOLOGICAL AND MOLECULAR ASPECTS THAT REGULATE PLANT GROWTH AND PRODUCTIVITY IN A CHALLENGING ENVIRONMENT IS A PIVOTAL ISSUE TO BE TACKLED BY THE SCIENTIFIC COMMUNITY DEALING WITH SUSTAINABLE AGRICULTURAL AND HORTICULTURAL PRACTICES. PLANTS ARE INFLUENCED BY THE ADVERSE ENVIRONMENTAL CONDITIONS AT VARIOUS LEVELS, THEIR DIFFERENT AND DIVERSE RESPONSES PLAY A SIGNIFICANT ROLE IN DETERMINING THEIR GROWTH, PRODUCTION AND THE OVERALL GEOGRAPHICAL DISTRIBUTION. THE CHAPTERS IN THIS BOOK FOCUS ON THE BIOLOGICAL MECHANISMS AND FUNDAMENTAL PRINCIPLES THAT DETERMINE HOW DIFFERENT PLANT SPECIES GROW, PERFORM AND INTERACT WITH A CHALLENGING ENVIRONMENT. THIS BOOK COVERS A BROAD RANGE OF TOPICS IN PLANT SCIENCE, INCLUDING GENE FUNCTION, MOLECULES, PHYSIOLOGY, CELL BIOLOGY AND PLANT ECOLOGY, TO UNDERSTAND THE FUNCTIONING OF PLANTS UNDER HARSH ENVIRONMENTAL CONDITIONS. THE BOOK ELUCIDATES THE PHYSIOLOGICAL AND MOLECULAR MECHANISMS IN DIFFERENT PLANT SPECIES, ECOPHYSIOLOGICAL INTERACTIONS OF PLANTS, INTERPLAY BETWEEN PLANT ROOTS, ARBUSCULAR MYCORRHIZAL FUNGI AND PLANT GROWTH-PROMOTING RHIZOBACTERIA, BIOSENSORS FOR MONITORING STRESS, PRODUCTION OF SECONDARY METABOLITES, STRESS ALLEVIATION PROCESSES, AND MORE.

ESSENTIALS OF MEDICAL PHYSIOLOGY K Sembulingam 2019-08-31

NEUROFITNESS RAHUL JANDIAL 2019-05-09 FOR YEARS DR RAHUL JANDIAL HAS TRANSFORMED THE LIVES OF HIS NEUROSURGERY PATIENTS BY PUTTING THEM THROUGH ‘BRAIN REHAB’, HIS SPECIALLY DEVELOPED BOOT CAMP FOR RESTORING BRAIN FUNCTION. IN THIS EYE-OPENING, INFORMATIVE AND ACCESSIBLE GUIDE, HE USES HIS YEARS OF EXPERTISE TO SHOW HOW HEALTHY PEOPLE CAN REWIRE THEIR BRAINS TO WORK IN A HIGHER GEAR. WITH QUICK AND EASY DAILY EXERCISES, NEUROFITNESS WILL SHOW YOU HOW TO: ‘ BOOST YOUR MEMORY ‘ CONTROL STRESS AND EMOTIONS ‘ MINIMIZE PAIN ‘ UNLEASH CREATIVITY ‘ RAISE SMART KIDS ‘ AVOID ALZHEIMER’S. USING A COMBINATION OF SCIENTIFIC RESEARCH AND FASCINATING REAL-LIFE STORIES FROM HIS OWN OPERATING ROOM, ACCLAIMED NEUROSURGEON RAHUL JANDIAL EXPLAINS HOW TO BOOST YOUR BRAIN POWER FOR GOOD.

NANOENGINEERING OF BIOMATERIALS SOUGATA JANA 2021-12-28 A COMPREHENSIVE DISCUSSION OF VARIOUS TYPES OF NANOENGINEERED BIOMATERIALS AND THEIR APPLICATIONS IN NANOENGINEERING OF BIOMATERIALS: DRUG DELIVERY & BIOMEDICAL APPLICATIONS, AN EXPERT TEAM OF CHEMISTS DELIVERS A SUCCINCT EXPLORATION OF THE SYNTHESIS, CHARACTERIZATION, IN-VITRO AND IN-VIVO DRUG MOLECULE RELEASE, PHARMACOKINETIC ACTIVITY, PHARMACODYNAMIC ACTIVITY, AND THE BIOMEDICAL APPLICATIONS OF SEVERAL TYPES OF NANOENGINEERED BIOMATERIALS. THE EDITORS HAVE ALSO INCLUDED RESOURCES TO HIGHLIGHT THE MOST CURRENT DEVELOPMENTS IN THE FIELD. THE BOOK IS A COLLECTION OF VALUABLE AND ACCESSIBLE REFERENCE SOURCES FOR RESEARCHERS IN MATERIALS CHEMISTRY AND RELATED DISCIPLINES. IT USES A FUNCTIONS-DIRECTED APPROACH TO USING ORGANIC AND INORGANIC SOURCE COMPOUNDS THAT TRANSLATE INTO BIOLOGICAL SYSTEMS AS SCAFFOLDS, MICELLES, DENDRIMERS, AND OTHER DELIVERY SYSTEMS. NANOENGINEERING OF BIOMATERIALS OFFERS READERS UP-TO-DATE CHEMISTRY AND MATERIAL SCIENCE INSIGHTS THAT ARE READILY TRANSFERRABLE TO BIOMEDICAL SYSTEMS. THE BOOK ALSO INCLUDES: THOROUGH INTRODUCTIONS TO ALGINATE NANOPARTICLE DELIVERY OF THERAPEUTICS AND CHITOSAN-BASED NANOMATERIALS IN BIOLOGICAL APPLICATIONS COMPREHENSIVE EXPLORATIONS OF NANOSTRUCTURED CARRAGEENAN AS A DRUG CARRIER, GELLAN GUM NANOPARTICLES IN DRUG DELIVERY, AND GUAR-GUM NANOPARTICLES IN THE DELIVERY OF BIOACTIVE MOLECULES PRACTICAL DISCUSSIONS OF PROTEIN-BASED NANOPARTICLES FOR DRUG DELIVERY, SOLID LIPID NANOPARTICLES AS DRUG CARRIERS, AND pH-RESPONSIVE NANOPARTICLES IN THERAPY IN-DEPTH EXAMINATIONS OF STIMULI-RESPONSIVE NANO CARRIERS IN DRUG TARGETING PERFECT FOR PHARMACEUTICAL CHEMISTS, MATERIALS SCIENTISTS, POLYMER CHEMISTS, LIFE SCIENTISTS, AND MEDICINAL CHEMISTS, NANOENGINEERING OF BIOMATERIALS: DRUG DELIVERY AND BIOMEDICAL APPLICATIONS IS ALSO AN INDISPENSABLE RESOURCE FOR BIOLOGISTS AND BIOENGINEERS SEEKING A ONE-STOP REFERENCE ON THE TRANSFERABILITY OF MATERIALS CHEMISTRY AND NANOTECHNOLOGY TO BIOMEDICINE.