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Mind in Nature

2023-03-28

a dialogue between contemporary neuroscience and john dewey s seminal philosophical work experience and nature exploring how the bodily roots of human meaning selfhood and values provide wisdom for living the intersection of cognitive science and pragmatist philosophy reveals the bodily basis of human meaning thought selfhood and values john dewey s revolutionary account of pragmatist philosophy experience and nature 1925 explores humans as complex social animals developing through ongoing engagement with their physical interpersonal and cultural environments drawing on recent research in biology and neuroscience that supports extends and on occasion reformulates some of dewey s seminal insights embodied cognition expert mark i johnson and behavioral neuroscientist jay schulkin develop the most expansive intertwining of dewey s philosophy with biology and neuroscience to date the result is a positive life affirming understanding of how our evolutionary and individual development shapes who we are what we can know where our deepest values come from and how we can cultivate wisdom for a meaningful and intelligent life

Nature-Made Economy

2023-10-17

an exploration of the economization of the ocean through the small modifications that enable great transformations of nature the ocean is the site of an ongoing transformation that is aimed at creating new economic opportunities and prosperity in nature made economy kristin asdal and tone huse explore how the ocean has been harnessed to become a space of capital investment and innovation and how living nature is wrested into the economy even as nature in turn resists adapts to or changes the economy the authors innovative methodological and conceptual approaches examine the economy by focusing on surprising and numerous little tools such as maps and policy documents quality patrols and dietary requirements for the enhancement of species biological propensities that value direct reorder accomplish and sometimes fail to serve our ends but also add up to great change throughout nature made economy asdal and huse follow one species the atlantic cod and explore how it is subjected to different versions of economization taking this species as a point of departure they then provide novel analyses of the innovation economy the architecture of markets the settling of prices and more revealing how the ocean is rendered a space of intense economic exploitation through their analysis the authors develop a distinct theoretical approach and conceptual vocabulary for studying nature economy relations nature made economy is a significant contribution to the broad field of sts and social studies of markets as well as to studies of the anthropocene the environment and human animal relations

Enterprising Nature

2016-07-29

winner of the 2018 james m blaut award in recognition of innovative scholarship in cultural and political ecology enterprising nature explores the rise of economic rationality in global biodiversity law policy and science to view jessica s animation based on the book s themes please visit bioeconomies.org enterprising nature examines disciplinary apparatuses ecological economic methodologies computer models business alliances and regulatory conditions creating the conditions in which nature can be produced as enterprising relates lively firsthand accounts of global processes at work drawn from multi site research in nairobi kenya london england and nagoya japan assesses the scientific technical geopolitical economic and ethical challenges found in attempts to enterprise nature investigates the implications of

this will to enterprise for environmental politics and policy

Rising Threats in Expert Applications and Solutions

2020-10-01

this book presents high quality peer reviewed papers from the ficr international conference on rising threats in expert applications and solutions 2020 held at iis university jaipur rajasthan india on january 17 19 2020 featuring innovative ideas from researchers academics industry professionals and students the book covers a variety of topics including expert applications and artificial intelligence machine learning advanced web technologies like iot big data and cloud computing in expert applications information and cybersecurity threats and solutions multimedia applications in forensics security and intelligence advances in app development management practices for expert applications and social and ethical aspects of expert applications in applied sciences

Textbook of Natural Medicine - E-Book

2020-06-26

provide effective treatment with evidence based natural medicine textbook of natural medicine 5th edition shows how to use natural medicine western medicine or a blend of both to develop scientific treatment plans based on a combination of philosophy and clinical studies this text explains how to diagnose the underlying causes of disease and provide therapeutic interventions that support the body s own healing processes written by noted educators joseph pizzorno and michael murray this text summarizes the pharmacology of herbal supplements and emphasizes preventive non invasive and natural treatments unique practical diagnostic and therapeutic guidance is designed specifically for practicing clinicians and includes key diagnostic criteria pathophysiology of diseases and therapeutic rationales unique in depth coverage of science based natural medicine makes this the most comprehensive textbook in this field unique six separate sections on every aspect of natural integrative medicine include philosophy diagnosis therapeutics pharmacology and specific disorders and diseases unique detailed coverage of the most common medical conditions includes not just the recommended interventions but also an in depth discussion of their fundamental causes content on the philosophy of natural medicine includes its history and background with discussions of toxicity detoxification and scientific documentation of the healing actions of natural substances internationally known authors joseph pizzorno and michael murray lead a team of expert practicing contributors in providing authoritative information on natural medicine

Mnemonic Ecologies

2023-08-29

an exploration of the green belt conservation project between the former east and west germanies and its relationship to emergent ecosystems trauma and memorialization the first book length scholarly treatment of germany s largest conservation project the green belt mnemonic ecologies by sonja pieck presents a new interdisciplinary approach that effective restoration and conservation of wounded land must merge ecology with memory since the cold war s end in 1989 german conservationists have transformed the once militarized border between east and west germany into an extensive protected area yet as forests meadows and wetlands replace fences minefields and guard towers ecological recovery must reckon with the pain of the borderlands brutal past the lessons gained by conservationists here

pieck argues have profound practical and ethical implications far beyond germany can conservation help heal both ecological and societal wounds how might conservation honor difficult socioecological pasts deeply researched and evocatively written this beautiful interdisciplinary investigation into the legacy of war and nature s resurgence blends environmental history ethics geography and politics with ecology and memory studies amid our rampant biodiversity crisis mnemonic ecologies shows why conservation must include humanized landscapes in its purview thus helping to craft a new conservation ethos that is collaborative empathetic and more sensitive to the connections between humans and the places they inhabit

Start-ups

2012

starting up your own business can be an exciting yet daunting venture the case studies interviews debates and articles in this ebook will provide valuable insight for the aspiring entrepreneur they address areas such as marketing and finance legal issues time management and the effective use of social media

Balanced and Barefoot

2016-04-22

angela hanscom is a powerful voice for balance richard louv author of last child in the woods in this important book a pediatric occupational therapist and founder of timbernook shows how outdoor play and unstructured freedom of movement are vital for children s cognitive development and growth and offers tons of fun engaging ways to help ensure that kids grow into healthy balanced and resilient adults today s kids have adopted sedentary lifestyles filled with television video games and computer screens but more and more studies show that children need rough and tumble outdoor play in order to develop their sensory motor and executive functions disturbingly a lack of movement has been shown to lead to a number of health and cognitive difficulties such as attention deficit hyperactivity disorder adhd emotion regulation and sensory processing issues and aggressiveness at school recess break so how can you ensure your child is fully engaging their body mind and all of their senses using the same philosophy that lies at the heart of her popular timbernook program that nature is the ultimate sensory experience and that psychological and physical health improves for children when they spend time outside on a regular basis author angela hanscom offers several strategies to help your child thrive even if you live in an urban environment today it is rare to find children rolling down hills climbing trees or spinning in circles just for fun we ve taken away merry go rounds shortened the length of swings and done away with teeter totters to keep children safe children have fewer opportunities for unstructured outdoor play than ever before and recess times at school are shrinking due to demanding educational environments with this book you ll discover little things you can do anytime anywhere to help your kids achieve the movement they need to be happy and healthy in mind body and spirit

Microbial Fermentations in Nature and as Designed Processes

2024-01-04

translational medicine optimizing preclinical safety evaluation of biopharmaceuticals provides scientists responsible for the translation of novel biopharmaceuticals into clinical trials with a better understanding of how to navigate the obstacles that keep innovative medical research discoveries from becoming new therapies or even making it to clinical trials the book includes sections on protein based therapeutics modified proteins oligonucleotide based therapies monoclonal antibodies

antibody drug conjugates gene and cell based therapies gene modified cell based therapies combination products and therapeutic vaccines best practices are defined for efficient discovery research to facilitate a science based efficient and predictive preclinical development program to ensure clinical efficacy and safety key features defines best practices for leveraging of discovery research to facilitate a development program includes general principles animal models biomarkers preclinical toxicology testing paradigms and practical applications discusses rare diseases discusses what why when how highlighting different considerations based upon product attributes includes special considerations for rare diseases about the editors joy a cavagnaro is an internationally recognized expert in preclinical development and regulatory strategy with an emphasis on genetic medicines her 40 year career spans academia government fda and the cro and biotech industries she was awarded the 2019 arnold j lehman award from the society of toxicology for introducing the concept of science based case by case approach to preclinical safety evaluation which became the foundation of ich s6 she currently serves on scientific advisory boards for advocacy groups and companies and consults and lectures in the area of preclinical development of novel therapies mary ellen cosenza is a regulatory toxicology consultant with over 30 years of senior leadership experience in the biopharmaceutical industry in the u s europe and emerging markets she has held leadership position in both the american college of toxicology act and the international union of toxicology iutox and is also an adjunct assistant professor at the university of southern california where she teaches graduate level courses in toxicology and regulation of biologics

Translational Medicine

2021-11-26

survival the iiss s bimonthly journal challenges conventional wisdom and brings fresh often controversial perspectives on strategic issues of the moment in this issue gigi kwik gronvall examines the contested origin of sars cov 2 and argues that scientific work should be apolitical and globally cooperated including with china lawrence freedman contends that while liberalism is in crisis it should still be better than authoritarianism at adapting to new circumstances acknowledging salient problems and choosing among alternatives robert s ross argues that chinese strategists believe beijing can challenge a strategically weakened united states on the korean peninsula ondrej rosendorf michal smetana and marek vranka assess that persuading the public that nuclear abolition is feasible could strengthen disarmament advocacy and nine more thought provoking pieces as well as our regular book reviews and noteworthy column editor dr dana allin managing editor jonathan stevenson associate editor carolyn west assistant editor jessica watson

Survival December 2021-January 2022: Trials of Liberalism

2023-04-21

a groundbreaking text on the history of the use of patents in architecture although patents existed in renaissance italy and even in confucian thought it was not until the middle third of the nineteenth century that architects embraced the practice of patenting in significant numbers patents could ensure as they did for architects engineering brethren the economic and cultural benefits afforded by exclusive intellectual property rights but patent culture was never directly translatable to the field of architecture which tended to negotiate issues of technological innovation in the context of the more abstract issues of artistic influence and formal expression in prior art scholar peter christensen offers the first full scale monographic treatment of this complex relationship between art and invention christensen s method a site oriented approach steeped in multinational and multilingual archival work is geared toward unifying fractured global histories of architectural patents through the distinct union of architectural cultural and legal history prior art offers a record of the marriage of intellectual property and architectural invention a momentous understudied and still underutilized aspect of architectural culture in the nineteenth and twentieth centuries and the ways in which it influenced how buildings are

conceived designed engineered constructed and promoted

Prior Art

2024-05-07

physicians diagnose and treat a host of conditions everyone who understands the nature of health care will be better able to participate in their own and their family s care the nature of clinical care explains the concepts underlying medical care it provides everybody including students professionals and patients with the know how to participate in their own care approachable straightforward and insightful it fills a crucial gap by addressing the patient doctor relationship how people make diagnoses the purposes benefits and risks of interventions and the art and science of medicine it is a vast collection of helpful resources as such this compendium augments our knowledge base enabling and empowering everyone who must interact with the care system and its professionals

The Nature of Clinical Care - Volume 1

2024-06-10

translational medicine in cns drug development volume 29 is the first book of its kind to offer a comprehensive overview of the latest developments in translational medicine and biomarker techniques with extensive coverage on all aspects of biomarkers and personalized medicine and numerous chapters devoted to the best strategies for developing drugs that target specific disorders this book presents an essential reference for researchers in neuroscience and pharmacology who need the most up to date techniques for the successful development of drugs to treat central nervous system disorders despite increases in the number of individuals suffering from cns related disorders the development and approval of drugs for their treatment have been hampered by inefficiencies in advancing compounds from preclinical discovery to the clinic however in the past decades game changing strides have been made in our understanding of the pathophysiology of cns disorders and the relationship of drug exposure in plasma and cns to pharmacodynamic measures in both animals and humans includes comprehensive coverage of biomarker tools and the role of personalized medicine in cns drug development discusses strategies for drug development for a full range of cns indications with particular attention to neuropsychiatric and neurocognitive disorders includes chapters written by international experts from industry and academia

Translational Medicine in CNS Drug Development

2019-06-18

tackling translational medicine with a focus on the drug discovery development interface this book integrates approaches and tactics from multiple disciplines rather than just the pharmaceutical aspect of the field the authors of each chapter address the paradox between the molecular understanding of diseases drug discovery and drug development laying out the detailed trends from various fields different chapters are dedicated to target engagement toxicological safety assessments and the compelling relationship of optimizing early clinical studies with design strategies the book also highlights the importance of balancing the three pillars sufficient efficacy acceptable safety and appropriate pharmacokinetics all of which are crucial to successful efforts in discovery and development with discussions regarding the combined approaches of molecular research personalized medicine pre clinical and clinical development as well as targeted therapies this compendium is a flexible fit perfect for professionals in the pharmaceutical industry and related academic fields

Translating Molecules into Medicines

2017-04-21

an in depth look at genetic alteration in the natural world and the oppositions to it seen through the case study of a gene drive for malaria may we make the world is an engaging reflection on the history nature goal and meaning of using a new technological idea crispr based genetic engineering to alter the genome of the mosquito that carries malaria this technology called a gene drive can alter the sex ratio in anopheles gambiae mosquitoes the key vector for falciparum the deadliest form of malaria p falciparum kills 400 000 people a year largely the poorest children in the world among them in her sobering examination of the issue laurie zoloth considers the leading ethical arguments for and against gene drives explores the regulatory efforts that have emerged long in advance of the science and considers the philosophical questions raised by the struggle to eliminate malaria the development of a gene drive for malaria will have far reaching implications for it represents the first use of genetic engineering in the natural world and the first creation of a genetic variant intended to spread in the african wild beyond human control drawing on two decades of work zoloth brilliantly argues that we can understand the complex moral issues at stake only by carefully reflecting on the science the nature of the local and global discourse about genetic engineering and the long history of malaria which as it transformed from a worldwide disease to a tropical one reshaped the world as we know it

May We Make the World?

2023-12-19

clinicians know that mental health disorders in adolescents may manifest externally as aggressiveness opposition or isolation from others what s less clear is just how to move beyond these conduct and defiance issues to help teenage clients cooperate with treatment so they can build healthy social skills and values mode deactivation therapy for treating aggression and oppositional behavior in adolescents combines the most effective aspects of cognitive behavioral therapy cbt dialectical behavior therapy dbt acceptance and commitment therapy act and functional analytic psychotherapy fap to meet the specific challenges of therapists working with angry distrustful or hostile adolescents this evidence based treatment program is effective with the most difficult to treat adolescents especially those who struggle with anxiety post traumatic stress disorder and depression complete with assessments and client worksheets this approach encourages young clients to see alternatives to their antisocial core beliefs and equips them with skills for gaining control of their emotions and oppositional behavior the skills these clients learn will be useful long after adolescence and can redirect their lives dramatically

Mode Deactivation Therapy for Aggression and Oppositional Behavior in Adolescents

2012-05-03

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2009-06-22

2023-02-24

sgd cnn rnn

sgd

2015-04-07

this book weaves all of these factors together to engage in and promote medical biomedical and psychosocial interventions including lifestyle changes for healthier aging outcomes the text begins with an introduction to age related changes that increase in disease and disability commonly associated with old age written by experts in healthy aging the text approaches the principles of disease and disability prevention via specific health issues each chapter highlights the challenge of not just increasing life expectancy but also decreasing disease burden and disability in old age the text then shifts into the whole person implications for clinicians working with older patients including the social and cultural considerations that are necessary for improved outcomes as baby boomers age and healthcare systems worldwide adjust healthy aging is an important resource for those working with older patients including geriatricians family medicine physicians nurses gerontologists students public health administrators and all other medical professionals

Healthy Aging

2019-03-29

this book explores open educational resources and open education through research conducted on this topic globally this book engages with intersections between open educational resources social justice and equality as well as policy in terms of open educational resources numerous examples of open praxis are also included ranging from open educational resources courses to the affordances of artificial intelligence data driven learning and open textbooks in this context furthermore chapters range from providing a broad overview of open educational resources international and regional initiatives in africa to cases of work done in the united states new zealand israel and hong kong the role of wikipedia and wikidata is also prominent finally this book includes unique contributions focusing on open educational resources and feminist pedagogy as well as disabled learners motivations for participating in massive open online courses moocs academics and researchers working in the field of open education and higher education in general will understand the importance of this work

Open Educational Resources in Higher Education

2023-02-07

this teaching monograph on systems approaches to cancer research and clinical applications provides a unique synthesis by world class scientists and doctors of laboratory computational and clinical methods thereby establishing the foundations for major advances not possible with current methods specifically the book 1 sets the stage by describing the basis of systems biology and bioinformatics approaches and the clinical background of cancer in a systems context 2 summarizes the laboratory clinical data systems analysis and bioinformatics tools along with infrastructure and resources required 3 demonstrates the application of these tools to cancer research 4 extends these tools and methods to clinical diagnosis drug development and treatment applications and 5 finishes by exploring longer term perspectives and providing conclusions this book reviews the state of the art and goes beyond into new applications it is written and highly referenced as a textbook

2023-02-24

and practical guide aimed at students academics doctors clinicians industrialists and managers in cancer research and therapeutic applications ideally it will set the stage for integration of available knowledge to optimize communication between basic and clinical researchers involved in the ultimate fight against cancer whatever the field of specific interest whatever the area of activity within translational research

Cancer Systems Biology, Bioinformatics and Medicine

2011-08-21

reach out for that big goal the methods of change management are outdated today focus and inspiration matter the most rené esteban shows leaders how to help their team to give their all for an attractive goal how to keep it in sight against all odds and how to work towards it with zeal and enthusiasm rené mixes his own tried and tested experiences from the corporate world with surprisingly effective psychological methods do epic stuff explains how leaders develop the kind of outstanding team which will be at the foundation of future organizations there is nothing more attractive than a goal full of purpose which makes everyone move in the same direction the insights from this book will be the tools for your great breakthrough success as a leader top executives from the likes of allianz bmw e on and deutsche telekom contribute their expert knowledge on how to inspire teams and how to help them reach that big audacious goal inspiring and focused rené esteban showcases that achieving epic business goals is possible brian tracy author of the new york times bestseller eat that frog

Do Epic Stuff!

2020-04-08

in the new edition of this very successful book european and north american experts present the state of the art in diagnostic and therapeutic radionuclide procedures the aim is to examine established and emerging clinical applications in detail rather than to consider everything included in the comprehensive texts already available within the field this practical approach ensures that the book will be a valuable guide for nuclear medicine physicians technologists students and interested clinicians alike this edition of clinical nuclear medicine has been extensively revised to take account of recent developments the roles of spect ct pet ct and pet mri are clearly explained and illustrated and the coverage extended to encompass for example novel pet tracers and therapeutic radionuclides advanced techniques of brain imaging and the development of theranostics readers will be fully persuaded of the ever increasing value of nuclear medicine techniques in depicting physiology and function and complementing anatomic modalities such as ct mri and ultrasound

Clinical Nuclear Medicine

2020-05-06

the intensifying climate crisis has put the world on high alert for those living in the high consuming high polluting swaths of the world it is clear that something about our society our politics our economy our very way of life must change but the nature of those necessary changes is a source of seemingly intractable dispute does the answer lie in stimulating the dynamism of capitalist market forces with a carbon price or in the deployment of new climate engineering technologies or does it lie in still more radical changes something akin to a wartime like mobilization to rapidly build a more just post carbon world or a shift to an ecologically bounded society that has transcended perpetual capitalist growth our ideologies the competing ways we believe the world should be powerfully affect how we see the problem of climate

change and what we think ought to be done about it in this highly original and accessible book saad presents an erudite survey of political perspectives and ethical arguments about how we should respond to the climate crisis by arranging these approaches into two broad categories of system preserving and system changing frameworks saad takes the reader on a journey through competing ideas about how we can address our collective responsibility to create a livable global future

Worlds at Stake

2022-10-31T00:00:00Z

this book provides an interdisciplinary and comprehensible introduction to bioeconomy it thus provides basic knowledge for understanding a transformation process that will shape the 21st century and requires the integration of many disciplines and industries that have had little to do with each other up to now we are talking about the gradual and necessary transition from the age of fossil fuels which began around 200 years ago to a global economy based on renewable raw materials and renewable energies the success of this transition is key to coping with the challenge of climate change this book conceives the realization of bioeconomy as a threefold task a scientific an economic and an ecological one where does the biomass come from that we need primarily for feeding the growing world population but also for future energy and material use how can it be processed in biorefineries and what role does biotechnology play in this regard which aspects of innovation economics need to be considered which economic aspects of value creation competitiveness and customer acceptance are important what conditions must a bioeconomy fulfil in order to enable a sustainable development of life on earth may it be regarded as a key to further economic growth or shouldn t it rather orient itself towards the ideal of sufficiency by dealing with these questions from the not necessarily consistent perspectives of proven experts this book provides an interdisciplinary overview of a dynamic field of research and practice that raises more questions than answers and thus may nurture the motivation of many more people to seriously engage for the realization of a bioeconomy

Bioeconomy for Beginners

2020-03-06

blended learning combines the conventional face to face course delivery with an online component the synergetic effect of the two modalities has proved to be of superior didactic value to each modality on its own the highly improved interaction it offers to students as well as direct accessibility to the lecturer adds to the hitherto unparalleled learning outcomes blended learning in engineering education recent developments in curriculum assessment and practice highlights current trends in engineering education involving face to face and online curriculum delivery this book will be especially useful to lecturers and postgraduate undergraduate students as well as university administrators who would like to not only get an up to date overview of contemporary developments in this field but also help enhance academic performance at all levels

Blended Learning in Engineering Education

2018-11-06

written by physicians who are experts in both traditional and complementary medicine integrative medicine 5th edition uses a clinical disease oriented approach to safely and effectively incorporate alternative therapies into primary care practice drawing on available scientific evidence and the authors first hand experiences it

covers therapies such as botanicals supplements mind body lifestyle choices nutrition exercise spirituality and other integrative medicine modalities this highly regarded reference offers practical guidance for reducing costs and improving patient care while focusing on prevention and wellness for a better quality of life explains how to make the best use of integrative medicine and the mechanisms by which these therapeutic modalities work keeping you at the forefront of the trend toward integrative health care templated chapters make it quick and easy to find key information such as dosing pearls the prevention prescription and therapeutic reviews that incorporates the evidence vs harm icon uses the reliable sort method strength of recommendation taxonomy to provide evidence based ratings grading both the evidence and the relative potential harm thoroughly updated ensuring that you remain well informed regarding the latest evidence contains 10 new chapters covering clinician resilience supporting immunity nash fatty liver hair loss rethinking the movement prescription compassion practices prescribing low dose naltrexone psychedelics tapering off ppis and opioids as well as an expanded osteopathy chapter covers timely topics aimed at reducing the epidemics of polypharmacy and opioid overuse as well as supporting immunity in the face of infectious diseases provides online access to multiple choice questions for every chapter perfect for board exam review

Integrative Medicine

2022-08-12

this book focuses on the implementation of ai for growing business and the book includes research articles and expository papers on the applications of ai on decision making health care smart universities public sector and digital government fintech and regtech artificial intelligence ai is a vital and a fundamental driver for the fourth industrial revolution fir its influence is observed at homes in the businesses and in the public spaces the embodied best of ai reflects robots which drive our cars stock our warehouses monitor our behaviors and warn us of our health and care for our young children some researchers also discussed the role of ai in the current covid 19 pandemic whether in the health sector education and others on all of these the researchers discussed the impact of ai on decision making in those vital sectors of the economy

Integrated Intelligence

2020-02-12

this book is a guide for educators on how to develop and evaluate evidence based strategies for teaching biological experimentation to thereby improve existing and develop new curricula it unveils the flawed assumptions made at the classroom department and institutional level about what students are learning and what help they might need to develop competence in biological experimentation specific case studies illustrate a comprehensive list of key scientific competencies that unpack what it means to be a competent experimental life scientist it includes explicit evidence based guidelines for educators regarding the teaching learning and assessment of biological research competencies the book also provides practical teacher guides and exemplars of assignments and assessments it contains a complete analysis of the variety of tools developed thus far to assess learning in this domain this book contributes to the growth of public understanding of biological issues including scientific literacy and the crucial importance of evidence based decision making around public policy it will be beneficial to life science instructors biology education researchers and science administrators who aim to improve teaching in life science departments chapters 6 12 14 and 22 are available open access under a creative commons attribution 4 0 international license via link springer com

The Fourth Industrial Revolution: Implementation of Artificial Intelligence for Growing Business Success

2021-04-11

this book explores a range of biohealth and biosecurity threats places them in context and offers responses and solutions from global and local networked and pyramidal as well as specialized and interdisciplinary perspectives specifically covering bioterrorism emerging infectious diseases pandemic disease preparedness and remediation agroterrorism food safety and environmental issues the contributors demonstrate that to counter terrorism of any kind a global networked and multidisciplinary approach is essential to be successful in biosecurity this book argues it is necessary to extend partnerships cooperation and coordination between public health clinical medicine private business law enforcement and other agencies locally nationally and internationally internationally a clear understanding is needed of what has happened in past epidemics and what was accomplished in past bioprograms in britain south africa russia for example this book also assesses how with the right technology and motivation both a state and a non state actor could initiate an extremely credible biothreat to security at both local and national levels this book will be of much interest to students researchers and practitioners of security studies public health public policy and in general peter katona is associate professor of clinical medicine at the david geffen school of medicine at ucla in infectious diseases he is co founder of biological threat mitigation a bioterror consulting firm john p sullivan is a lieutenant with the los angeles sheriff s department he is also a researcher focusing on terrorism conflict disaster intelligence studies and urban operations he is co founder of the los angeles terrorism early warning team michael d intriligator is professor of economics at the university of california los angeles ucla he is also professor of political science professor of public policy in the school of public policy and social research and co director of the jacob marschak interdisciplinary colloquium on mathematics in the behavioral sciences all at ucla

Trends in Teaching Experimentation in the Life Sciences

2022-05-11

this book is a unique guide to emerging stem cell technologies and the opportunities for their commercialisation it provides in depth analyses of the science business legal and financing fundamentals of stem cell technologies offering a holistic assessment of this emerging and dynamic segment of the field of regenerative medicine reviews the very latest advances in the technology and business of stem cells used for therapy research and diagnostics identifies key challenges to the commercialisation of stem cell technology and avenues to overcome problems in the pipeline written by an expert team with extensive experience in the business basic and applied science of stem cell research this comprehensive volume is essential reading for researchers in cell biology biotechnology regenerative medicine and tissue engineering including scientists and professionals looking to enter commercial biotechnology fields

Global Biosecurity

2010-01-21

few books in the history of development studies have had an impact like the development dictionary a guide to knowledge as power which was edited by wolfgang sachs and published by zed books in 1992 the development dictionary was crucial in establishing what has become known as the post development school this volume is devoted to the legacy of the development dictionary and to discussing post development this book originally published as a special issue of third world

quarterly

Stem Cells in Regenerative Medicine

2015-09-14

local communities and indigenous peoples lcips have been involved in the implementation of the un framework convention on climate change unfccc since 1992 in 2015 the paris agreement introduced a new element to strengthen lcips efforts to address and respond to climate change the lcip platform this report develops potential options for making the lcip platform operational a facilitative working group an expert group or a dialogue platform could enable further exchange of knowledge promote capacity building and enhance the engagement of local communities and indigenous peoples in the unfccc process proposals provided in this report were discussed at an informal meeting held in february 2018 in helsinki finland the international meeting was attended by representatives of experts and negotiators involved in the development of the lcip platform

The Development Dictionary @25

2020-05-21

this volume captures the recent changes and evolution in ethics in research involving humans and provides future directions to achieve alternative drug development strategies for equitable global health it presents ethical considerations in current day clinical trials and new trends of ethics in research it also describes the historical context illustrates the process in alternative paradigms to achieve democracy after world war ii how the framework of ethics in research was established in different regions and policies implemented to protect research participants from the exploitation of new drug development the book is organized into three themed parts relevant constructions from brazil south africa taiwan south korea and japan historical and international perspectives of principles of ethics in research and alternative frameworks of clinical development and innovation ethical innovation for global health pandemic democracy and ethics in research is an informative resource for academic researchers the global pharmaceutical industry regulators civil society and other role players involved in global health it is contributed to by leaders in global policy development in research ethics and experts in drug development activities with its trajectory being global health the covid 19 pandemic as a global disaster necessitated not only socio economic but also cultural transformation while effective vaccines were developed under a successful new methodology there remains inequity of distribution of these vaccines globally the book re engages with the notion of the primacy of distributing results of scientific innovation to those who most require the benefits

Local Communities and Indigenous Peoples Platform

2018-04-24

this book functions as an essential guide to the safe and effective sedation of pediatric patients outside the operating room it is a multidisciplinary reference that features an international authorship and is also of use for a broad range of specialists who deliver pediatric sedation in the non or setting organized into four parts pediatric sedation outside of the operating room 3rd edition begins with the foundational history of the pediatric sedation field subsequent chapters explore the basics of procedural sedation pre sedation assessments and sedation policies across various specialties and continents part two then examines a multitude of sedation

models divided by geographical location and subspecialty following this part three delves into standards of safety in sedation including medicolegal risk factors neurocognitive side effects and aspiration risks the book closes with chapters presenting discussions on the future of sedation insofar as predictions for the role of simulation medical malpractice and the intersection of sedation and marijuana an updated invaluable successor edition pediatric sedation outside of the operating room 3rd edition is accessible to a diverse group of sedation providers from all specialties this textbook is an invaluable and necessary addition to all sedation providers worldwide

Ethical Innovation for Global Health

2023-12-16

introduces readers to the growing applications of nutraceuticals and other natural product derivatives this comprehensive book presents a prophylactic and therapeutic approach to chronic disease prevention strategy by highlighting the translational potential of plant derived dietary and non dietary factors from epidemiological laboratory and clinical studies it also shares the experiences of highly reputed experts working in the area of phytomedicine and nutraceutical agents in chemoprevention to promote the significance of natural products and dietary factors as an elite priority for containing chronic diseases in the human population nutraceuticals and natural product derivatives disease prevention drug discovery starts by examining natural food sources for the control of glycemia and the prevention of diabetic complications it then looks at the anti aging effects of sulfur containing amino acids and nutraceuticals and the potential of garcinia fruits to combat metabolic syndrome other topics covered include honey and propolis mediated regulation of protein networks in cancer cells recent trends in drug discovery against alzheimer s disease the therapeutic potential of metalloherbal nanoceuticals and much more offers an alternative natural approach to the prevention of chronic diseases emphasizes the potential of plant derived dietary and non dietary factors from epidemiological laboratory and clinical studies features contributions from world renowned experts in the field of phytomedicine and nutraceutical agents in chemoprevention includes prevention strategies in normal risk populations through routine inclusion of specific dietary regimens and as therapeutic strategy for better management through adjuvant interventions with conventional treatment protocols nutraceuticals and natural product derivatives disease prevention drug discovery will appeal to graduate students and professionals in cell and molecular biology translational research pharmacology drug discovery medicinal chemistry and clinical nutrition

Pediatric Sedation Outside of the Operating Room

2021-04-13

covering every aspect of general pediatric practice as well as details for many pediatric subspecialists nelson textbook of pediatrics 22nd edition brings you fully up to date with everything from rapidly changing diagnostic and treatment protocols to new technologies to the wide range of biologic psychologic and social problems faced by children today edited and written by experts and prominent members of the pediatric medical community this comprehensive two volume reference covers both the science and art of pediatric practice it remains the reference of choice among pediatricians pediatric residents and others involved in the care of young patients delivering the information you need in a concise easy to use format for everyday reference and study features a user friendly format with short chapters and subchapters that allow you to quickly find the information you need includes more than 60 new chapters on topics covering the impact of social factors on children s health the impact of genetic discoveries on understanding diagnosing and treating childhood diseases updating of current evidenced based diagnostic and therapeutic approaches to childhood diseases and more offers new and expanded information on gene therapy interferonopathies reactive infectious mucocutaneous eruption rime e cigarette or vaping use associated lung injury evali monkeypox food protein induced enterocolitis syndrome fpies signaling pathway disorders ciliopathies very

early onset inflammatory bowel disease epstein barr virus susceptibility disorders marijuana smoke exposure and much more features hundreds of new figures and tables throughout for visual clarity and quick reference real time videos and regular updates online written exclusively for nelson provides fresh perspectives from two new associate editors abigail m schuh and cara l mack both of medical college of wisconsin remains your indispensable source for definitive evidence based answers on every aspect of pediatric care any additional digital ancillary content may publish up to 6 weeks following the publication date

Nutraceuticals and Natural Product Derivatives

2019-03-06

the second edition of this book describes the clinical indications of niv in patients hospitalized with high risk infections as well as in the prehospital management of mass casualty incidents including chemical or biological disasters and pandemics in recent decades we have learned the impact that different pandemics and mass casualty disasters can outcome in terms of health resource use health costs and human lives the development of respiratory failure in these patients either infectious or non infectious causes has led to develop employment plans related both to invasive or noninvasive mechanical ventilation during acute respiratory failure in this book authors evaluate a rational basis for indications specific noninvasive mechanical ventilation indications in hospitalized patients tuberculosis bacterial virus etc and prehospital applications mass casualty chemical biological disaster equipment ventilators interfaces and plan organization for health systems how and when apply niv a critical review of already published studies is described as well as implications and how will be the future according to international expert opinions therefore this updated edition represents a useful scientific reference point according to what it has been experienced in the last pandemics with respect to the growing role that niv has and must have in the world

Nelson Textbook of Pediatrics, 2-Volume - E-Book

2024-03-29

Noninvasive Mechanical Ventilation in High Risk Infections, Mass Casualty and Pandemics

2023-07-04

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