

Test Medicina San Raffaele 2014

Drawing upon both Husserl's published works and posthumous material, Husserl's Phenomenology incorporates the results of the most recent Husserl research. It can consequently serve as a concise and updated introduction to his thinking.

Pancreatic diseases are a crucial issue not only because of their epidemiological significance, and their anatomical and metabolic complexity, but also because of the different treatment options available and their implications for surgery. Due to the slow but steady increase in the incidence of pancreatitis and pancreatic cancer, these diseases are today a real challenge for the surgeon. This volume presents the state of the art of surgery in the treatment of inflammatory and neoplastic pancreatic diseases, describing in detail the different approaches and their most relevant technical aspects. Also described are conventional and interventional radiology, operative endoscopy and endoscopic ultrasonography (which has recently acquired a diagnostic role), and adjuvant and neoadjuvant therapy for treatment or palliation: for only a multidisciplinary approach can produce a global vision, a winning strategy for the optimization of results. Along with the texts, all written by experts, the volume includes color images and drawings. It will prove itself a very useful tool in clinical practice.

This book brings together young researchers from a variety of fields within mathematics, philosophy and logic. It discusses questions that arise in their work, as well as themes and reactions that appear to be similar in different contexts. The book shows that a fairly intensive activity in the philosophy of mathematics is underway, due on the one hand to the disillusionment with respect to traditional answers, on the other to exciting new features of present day mathematics. The book explains how the problem of applicability once again plays a central role in the development of mathematics. It examines how new languages different from the logical ones (mostly figural), are recognized as valid and experimented with and how unifying concepts (structure, category, set) are in competition for those who look at this form of unification. It further shows that traditional philosophies, such as constructivism, while still lively, are no longer only philosophies, but guidelines for research. Finally, the book demonstrates that the search for and validation of new axioms is analyzed with a blend of mathematical historical, philosophical, psychological considerations.

The book covers areas of cellular physiology and metabolism that are of interest to scientists involved in research in diabetes and metabolic diseases. Some chapters of the book are specifically research-oriented, as all the authors are actively practicing either bench or clinical research in the area. Nonetheless, since the work is fully comprehensive of the discipline, it is also suitable for university classes of graduate and undergraduate students. In particular, the book discusses classical aspects of cellular physiology and the metabolism of physical exercise, as well as novel topics like exercise in transplantation and exercise in beta-cell failure, which mark the frontiers of research in sport-related sciences and research. Exercise physiologists, biologists and physicians are the specific professional and academic targets of this work. The team of authors together with the editor are world-renowned experts in the field of physiology and metabolism applied to sport sciences.

Husserl's phenomenology has often been criticized for its Cartesian, fundamentalistic, idealistic and solipsistic nature. Today, this widespread interpretation must be regarded as being outdated, since it gives but a very partial and limited picture of Husserl's thinking. The continuing publication of Husserl's research manuscripts has disclosed analyses which have made it necessary to revise and modify a number of standard readings. This anthology documents the recent development in Husserl research. It contains contributions from a number of young phenomenologists, who have all defended their dissertation on Husserl in the nineties, and it presents a new type of interpretation which emphasizes the dimensions of facticity, passivity, alterity and ethics in Husserl's thinking.

Among infectious diseases, viral infections are the leading cause of death worldwide, especially in the most low-income countries, particularly in young children. Most of the human viruses are all well characterized in terms of structure, life-cycle, tropism, and associated primary pathologies, but many of the pathogenetic mechanisms underlying their ability to cause acute infection, persist or reactivate in the host and cause chronic and/or degenerative damage, and still need to be fully clarified. At the same time, it seems necessary to develop novel therapeutic approaches and rationale, and possibly more potent antiviral compounds that are addressed to novel targets.

Biomaterials play a crucial role in medicine and biology. Their development and improvement are responsible of some of the most significant advances in clinical practice in the last 50 years. They contribute significantly to an increase people lifespan and maintain health and quality of life. Italian Scientists are very active in the field of Biomaterials. Many groups are working hard to develop new and improved materials gathering together chemical, physical, biological and medical expertise. They share knowledge, honesty, enthusiasm and friendship inside the Italian Society for Biomaterials. In this book, many examples of their activities and most update results are shown, offering an almost complete overview of the state-of-the-art of Italian R&D in the field of biomaterials. I'm sure that this book will serve as an important and useful reference source for material scientists, clinicians and entrepreneurs.

This report provides information about new diagnostic approaches, new therapeutic regimens and better understanding of the distribution of the disease with high-quality mapping. The roles of human and animal reservoirs and the tsetse fly vectors that transmit the parasites are emphasized. The new information has formed the basis for an integrated strategy with which it is hoped that elimination of HAT will be achieved. The report also contains recommendations on the approaches that will lead to elimination of the disease. Human African Trypanosomiasis (HAT) is a disease that afflicts populations in rural Africa, where the tsetse fly vector that transmits the causative trypanosome parasites thrives. There are two forms of HAT: one, known as gambiense HAT, is endemic in West and Central Africa and causes over 95% of current cases; the other, known as rhodesiense HAT, is endemic in East and southern Africa and accounts for the remainder of cases. The presence of parasites in the brain leads to progressive neurological breakdown. Changes to sleep-wake patterns are among the symptoms that characterize the disease, also known as "sleeping sickness". Eventually, patients fall into a coma and die if not treated. Different treatments are available against parasites present in the haemolymphatic system (first stage) and those that have entered the brain (second stage). Currently, lumbar puncture is required to select the appropriate drug.

This book features a theoretical depiction of the Italian phenomenological tradition. It brings together the main Italian phenomenologists of the present to discuss the positions and theories of the most important Italian phenomenologists of the past. Those profiled include Antonio Banfi, Sofia Vanni Rovighi, Enzo Paci, Dino Formaggio, Giuseppe Semerari, Enzo Melandri, Paolo Bozzi, Carlo Sini, Giovanni Piana and Paolo Parrini. This collection shows not only the variety of perspectives but also the inner consistency, peculiarity and originality of the tradition. Moreover, the contributors connect continental and analytical traditions, the scientific approach and existentialism. Italian phenomenology, the rise of which dates back to Antonio Banfi's writings on Husserl in 1923, proves to be from its very beginning, a relational philosophy. It is a philosophy that is

capable, precisely by means of its method, of developing actual forms of communication and exchange among the different sciences. This book will provide graduate students and researchers with unique insights into the Italian school of phenomenological thought.

Vegetarian and Plant-Based Diets in Health and Disease Prevention examines the science of vegetarian and plant-based diets and their nutritional impact on human health. This book assembles the science related to vegetarian and plant-based diets in a comprehensive, balanced, single reference that discusses both the overall benefits of plant-based diets on health and the risk of disease and issues concerning the status in certain nutrients of the individuals, while providing overall consideration to the entire spectrum of vegetarian diets. Broken into five sections, the first provides a general overview of vegetarian / plant-based diets so that readers have a foundational understanding of the topic. Dietary choices and their relation with nutritional transition and sustainability issues are discussed. The second and third sections provide a comprehensive description of the relationship between plant-based diets and health and disease prevention. The fourth section provides a deeper look into how the relationship between plant-based diets and health and disease prevention may differ in populations with different age or physiological status. The fifth and final section of the book details the nutrients and substances whose intakes are related to the proportions of plant or animal products in the diet. Discusses the links between health and certain important characteristics of plant-based diets at the level of food groups Analyzes the relation between plant-based diet and health at the different nutritional levels, i.e. from dietary patterns to specific nutrients and substances Provides a balanced evidence-based approach to analyze the positive and negative aspects of vegetarianism Addresses the different aspects of diets predominantly based on plants, including geographical and cultural variations of vegetarianism

An accessible guide for those facing the study of Logic For The first time, this book covers key thinkers, terms and texts.

Extracorporeal membrane oxygenation (ECMO) has been in clinical use for some 40 years, but it is only in the past decade that its application in the treatment of life-threatening circulatory and respiratory failure has truly flourished. This book presents a comprehensive overview of both pathophysiological and practical aspects of circulatory and respiratory extracorporeal support. The basics of ECMO, including its history, the "ECMO team", cannulation, materials, and blood-surface interactions, are first discussed. The various indications for and particular characteristics of circulatory and respiratory extracorporeal life support are then described in detail in the main part of the book. Patient care during ECMO and monitoring of the ECMO patient are also carefully covered, with explanation of the management of technical and clinical complications and transport-related problems. Further topics include long-term therapy options beyond ECMO, such as ventricular assist devices and transplants, outcome, the new frontiers of ECMO for organ procurement and future challenges. The authors are well-known experts in the field whose authoritative contributions and attention to practical aspects will be invaluable for novices and experienced practitioners alike.

Revised by the American Medical Association (AMA), Graduate Medical Education Directory, 2012-2013 (Green Book) contains comprehensive information on 9,000 Accreditation Council for Graduate Medical Education-accredited programs (GME) in the United States, including Residency, Fellowship, and Combined programs, plus residency application and career-planning resources. Revisions and updates: specialty/subspecialty information, Match data, 215 new programs, and 3,000 teaching institutions. *Functional Neuroradiology: Principles and Clinical Applications*, is a follow-up to Faro and Mohamed's groundbreaking work, *Functional (BOLD)MRI: Basic Principles and Clinical Applications*. This new 49 chapter textbook is comprehensive and offers a complete introduction to the state-of-the-art functional imaging in Neuroradiology, including the physical principles and clinical applications of Diffusion, Perfusion, Permeability, MR spectroscopy, Positron Emission Tomography, BOLD fMRI and Diffusion Tensor Imaging. With chapters written by internationally distinguished neuroradiologists, neurologists, psychiatrists, cognitive neuroscientists, and physicists, *Functional Neuroradiology* is divided into 9 major sections, including: Physical principles of all key functional techniques, Lesion characterization using Diffusion, Perfusion, Permeability, MR spectroscopy, and Positron Emission Tomography, an overview of BOLD fMRI physical principles and key concepts, including scanning methodologies, experimental research design, data analysis, and functional connectivity, Eloquent Cortex and White matter localization using BOLD fMRI and Diffusion Tensor Imaging, Clinical applications of BOLD fMRI in Neurosurgery, Neurology, Psychiatry, Neuropsychology, and Neuropharmacology, Multi-modality functional Neuroradiology, Beyond Proton Imaging, Functional spine and CSF imaging, a full-color Neuroanatomical Brain atlas of eloquent cortex and key white matter tracts and BOLD fMRI paradigms. By offering readers a complete overview of functional imaging modalities and techniques currently used in patient diagnosis and management, as well as emerging technology, *Functional Neuroradiology* is a vital information source for physicians and cognitive neuroscientists involved in daily practice and research.

The past few decades have seen major impacts of different pandemics and mass casualty events on health resource use in terms of rising healthcare costs and increased mortality. In this context, the development of acute respiratory failure in patients requires the use of mechanical ventilation, either invasive or noninvasive. Recently, noninvasive ventilation (NIV) has proved to be a valuable strategy to reduce mortality rates in patients. This is the first book to describe the clinical indications of NIV in patients who have been hospitalized with high-risk infections as well as in the prehospital management of mass casualty incidents, including chemical or biological disasters and pandemics. Compiled by internationally respected experts, it offers comprehensive coverage of all aspects of noninvasive mechanical ventilation in public health emergencies, such as equipment needs and guidelines for health organizations. Considering recent events (SARS, H1N1 influenza pandemic), the book concludes with a critical review of current studies and future prospects for the use of NIV, offering a valuable resource for all practitioners managing mass casualty incidents and disasters.

This book provides surgeons and gastroenterologists with state-of-the-art techniques in terms of advanced colonoscopy. Chapters introduce methods of removing polyps that were not previously amenable to colonoscopic snare polypectomy. Advanced techniques such as closure of perforations and intestinal stenting are extensively covered. The text maintains a strong emphasis on surgical/endoscopic technique. Extensive discussion on equipment and skill acquisition is also covered. As many readers will never have seen these complex procedures before, extensive photographs and video clips are provided. The authors provide tips, tricks, and pitfalls that will help the reader incorporate these new techniques into their practice. *Advanced Colonoscopy: Polypectomy and Beyond* will be of great value to any surgeon or gastroenterologist currently performing colonoscopy and interested in advanced techniques.?

Quantitative Real-Time PCR: Methods and Protocols focuses on different applications of qPCR ranging from microbiological detections (both viral and bacterial) to pathological applications. Several chapters deal with quality issues which regard the quality of starting material, the knowledge of the minimal information required to both perform an assay and to set the experimental plan, while the others focus on translational medicine applications that are ordered following an approximate logical order of their medical application. The last part of the book gives you an idea of an emerging digital PCR technique that is a unique qPCR approach for measuring nucleic acid, particularly suited for low level detection and to develop non-invasive diagnosis. Written for the *Methods in Molecular Biology* series, most chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, laboratory protocols and tips on troubleshooting and avoiding known pitfalls. Practical and authoritative, *Quantitative Real-Time PCR: Methods and Protocols* aims to aid researchers seeking to devise new qPCR-based approaches related to his or her area of investigation.

The ambitious goal of this volume is to provide – in chapters written by accomplished scientists and experts in their field – a comprehensive overview of the currently available information related to the therapeutic utility of adult bone marrow-derived cells. With excitement generated almost daily about the possible uses of stem cells to treat human disease, but the controversy surrounding their use still raging, adult bone-marrow derived cells are more readily available, and have a staggering range of uses.

In this book, world-renowned experts in the field express well-reasoned opinions on a range of issues and controversies relating to haploidentical transplantation with the aim of providing practicing hematologists with clinically relevant and readily applicable information. Among the areas covered are graft manipulation and methods to control T-cell alloreactivity, the nature of the ideal graft and donor, haploidentical transplantation in pediatric and adult patients with malignant and nonmalignant diseases, immunologic reconstitution following transplantation, complications, and the prevention and treatment of relapse post transplantation. Attention is drawn to the implications of high-impact clinical trials whenever such trials are available. The readily intelligible text is complemented by numerous helpful tables, algorithms, and figures. The book will provide practical support for hematologists and transplant physicians as they attempt to provide optimal care in this exciting but increasingly complex medical specialty.

Rappresentare con verità storica, anche scomoda ai potenti di turno, la realtà contemporanea, rapportandola al passato e proiettandola al futuro. Per non reiterare vecchi errori. Perché la massa dimentica o non conosce. Denuncio i difetti e caldeggio i pregi italiani. Perché non abbiamo orgoglio e dignità per migliorarci e perché non sappiamo apprezzare, tutelare e promuovere quello che abbiamo ereditato dai nostri avi. Insomma, siamo bravi a farci del male e qualcuno deve pur essere diverso!

The *World Report on Disability* suggests more than a billion people totally experience disability. They generally have poorer health, lower education and fewer economic opportunities and higher rates of poverty than people without disabilities. This report provides the best available evidence about what works to overcome barriers to better care and services.

Viral hepatitis B or C is the most common cause of chronic liver disease worldwide and accounts for about 80% of all hepatocellular carcinoma cases. Thus, combating viral hepatitis remains one of the most pressing public health issues today. Animal models and cell-based systems are essential tools for addressing the many still unresolved basic and clinical problems.

Experimental models are needed to better understand the viral life cycles, pathogenetic aspects and natural defense mechanisms, while preclinical models are required for evaluating novel preemptive and therapeutic strategies. This.

Derrida's first book-length work, *The Problem of Genesis in Husserl's Philosophy*, was originally written as a dissertation for his *diplôme d'études supérieures* in 1953 and 1954. Surveying Husserl's major works on phenomenology, Derrida reveals what he sees as an internal tension in Husserl's central notion of genesis, and gives us our first glimpse into the concerns and frustrations that would later lead Derrida to abandon phenomenology and develop his now famous method of deconstruction. For Derrida, the problem of genesis in Husserl's philosophy is that both temporality and meaning must be generated by prior acts of the transcendental subject, but transcendental subjectivity must itself be constituted by an act of genesis. Hence, the notion of genesis in the phenomenological sense underlies both temporality and atemporality, history and philosophy, resulting in a tension that Derrida sees as ultimately unresolvable yet central to the practice of phenomenology. Ten years later, Derrida moved away from phenomenology entirely, arguing in his introduction to Husserl's posthumously published *Origin of Geometry* and his own *Speech and Phenomena* that the phenomenological project has neither resolved this tension nor expressly worked with it. *The Problem of Genesis* complements these other works, showing the development of Derrida's approach to phenomenology as well as documenting the state of phenomenological thought in France during a particularly fertile period, when Levinas, Sartre, Merleau-Ponty, Ricoeur, and Tran-Duc-Thao, as well as Derrida, were all working through it. But the book is most important in allowing us to follow Derrida's own development as a philosopher by tracing the roots of his later work in deconstruction to these early critical reflections on Husserl's phenomenology. "A dissertation is not merely a prerequisite for an academic job. It may set the stage for a scholar's life project. So, the doctoral dissertations of Max Weber and Jacques Derrida, never before available in English, may be of more than passing interest. In June, the University of Chicago Press will publish Mr. Derrida's dissertation, *The Problem of Genesis in Husserl's Philosophy*, which the French philosopher wrote in 1953-54 as a doctoral

student, and which did not appear in French until 1990. From the start, Mr Derrida displayed his inventive linguistic style and flouting of convention."—Danny Postel, Chronicle of Higher Education

This book brings together the research of philosophers, sociologists, and social scientists. It examines those areas of scientific practice where reliance on the subjective judgment of experts and practitioners is the main source of useful knowledge to address and possibly, bring solutions to social problems. A common phenomenon in applications of science is that objective evidence does not point to a single answer or solution, to a problem. Reliance on subjective judgment, then, becomes necessary, despite the known fact that hunches, even those of putative experts, often provide information that is not very accurate, and that experts are prone to fallacies and biases. The book looks at how experts reach consensus in the social sciences, and which experts are relevant to which problems. It aims to answer many questions, the main one being: Can we start building a normative theory of expertise on the basis of the evidence that social scientists, sociologists and philosophers have uncovered?

This book provides a multidisciplinary approach to vestibular migraine and related syndromes in which dizziness is the most predominant feature. Starting from the neurological point of view, the pathophysiology, classification, neurophysiology and therapy of migraine are discussed. Readers will learn how to recognize and properly treat vestibular migraine, which is often undiagnosed or misdiagnosed as Ménière's syndrome (a form of vertigo characterized by vertigo spells and hearing loss that presents comorbidity with migraine) or benign paroxysmal positional vertigo (in which patients experience brief episodes of vertigo, lasting from seconds to 1 minute, when they move their heads in a certain way). The described diagnostic and therapeutic strategies include the newest, state of the art approaches. Further aspects of migraine that are considered include hyperexcitability in the brain and the triad of migraine, dizziness and anxiety. In addition, the imaging of migraine, and of vestibular migraine in particular, is discussed and clinical records are reported. Vestibular Migraine and Related Syndromes is based on the practical and clinical experiences of an authoritative group of well-known neurologists, ENT specialists and neuro-otologists. It provides neurologists with a complete overview of relevant clinical features, otolaryngologists with clear descriptions of clinical aspects and the pathophysiology of migraine and radiologists with guidance on the role of imaging techniques.

I materiali biocompatibili per la medicina / Biomaterials for Medicine Atti del Convegno Nazionale della Società Italiana Biomateriali. Palermo, 2-4 luglio 2014 Universitas Studiorum

This is a collection of high-quality research papers in the philosophy of science, deriving from papers presented at the second meeting of the European Philosophy of Science Association in Amsterdam, October 2009.

This book provides an up-to-date review of therapeutic EUS with an equal focus on technical descriptions with ample endoscopic images/video clips by world experts and the scientific evidence behind the described techniques. The book provides an overview of the field in a structured manner, starting with general topics on equipment and service development and extending to the fields of EUS-guided drainage, anti-tumor therapies, and other specific EUS-guided interventional treatments. Therapeutic Endoscopic Ultrasound is a key resource for endoscopists, gastroenterologists, surgeons, and GI oncologists.

The thoraco-abdominal aortic pathology is not uncommon and represents the ultimate challenge for vascular surgeons. The book deals with the newest endovascular and hybrid approaches, together with more traditional surgical strategies. Written by internationally renowned experts in vascular and cardiac surgery, anesthesiology and radiology, the volume provides a very practical approach to the main problems encountered from diagnosis to postoperative care: general principles of aortic diseases, imaging techniques, surgical and anesthesiologic strategies and techniques and other specific problems are some of the topic dealt with. Numerous pictures illustrate the most important diagnostic findings and depict key techniques and strategies. Vascular and cardiac surgeons, anesthesiologists, perfusionists and radiologists will find in this volume useful and updated information for the treatment of this very challenging condition.

Personalized Immunosuppression in Transplantation: Role of Biomarker Monitoring and Therapeutic Drug Monitoring provides coverage of the various approaches to monitoring immunosuppressants in transplant patients, including the most recently developed biomarker monitoring methods, pharmacogenomics approaches, and traditional therapeutic drug monitoring. The book is written for pathologists, toxicologists, and transplant surgeons who are involved in the management of transplant patients, offering them in-depth coverage of the management of immunosuppressant therapy in transplant patients with the goal of maximum benefit from drug therapy and minimal risk of drug toxicity. This book also provides practical guidelines for managing immunosuppressant therapy, including the therapeutic ranges of various immunosuppressants, the pitfalls of methodologies used for determination of these immunosuppressants in whole blood or plasma, appropriate pharmacogenomics testing for organ transplant recipients, and when biomarker monitoring could be helpful. Focuses on the personalized management of immunosuppression therapy in individual transplant patients Presents information that applies to many areas, including mass spectrometry, assay design, assay validation, clinical chemistry, and clinical pathology Provides practical guidelines for the initial selection and subsequent modifications of immunosuppression therapy in individual transplant patients Reviews the latest research in biomarker monitoring in personalizing immunosuppressant therapy, including potential new markers not currently used, but with great potential for future use Explains how monitoring graft-derived, circulating, cell free DNA has shown promise in the early detection of transplant injury in liquid biopsy

The Yearbook compiles the most recent developments in experimental and clinical research and practice in one comprehensive reference book. The chapters are written by well recognized experts in the field of intensive care and emergency medicine. It is addressed to everyone involved in internal medicine, anesthesia, surgery, pediatrics, intensive care and emergency medicine.

This text provides a comprehensive, state-of-the art review of this field, and will serve as a valuable resource for students, clinicians, and researchers with an interest in hepatitis B. The book reviews new data about basic and translational science including the viral life cycle, the immunopathogenesis of virus induced chronic hepatitis, the mechanism of virus induced liver cancer, and their potential applications for the clinical management of patients. The clinical aspects of this chronic viral infection are reviewed in detail with important chapters on the global epidemiology, the natural history of the disease, co-infections with its satellite virus HDV or HIV, and management of special patient populations. A major emphasis is made on the management of antiviral therapy and the recent international guidelines for the treatment of hepatitis B. Finally, the book reviews the current state of the art regarding immunoprophylaxis to

prevent the spread of the virus and its major clinical consequences. The new advances and perspectives in the development of improved antiviral treatments are also discussed. Hepatitis B Virus in Human Diseases will serve as a very useful resource for students, physicians and researchers dealing with, and interested in, this challenging chronic viral infection. It will provide a concise yet comprehensive summary of the current status of the field that will help guide patient management and stimulate investigative efforts. All chapters are written by experts in their fields and include the most up to date scientific and clinical information.

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