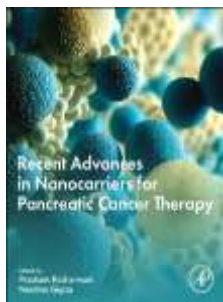


Recent Advances in Nanocarriers for Pancreatic Cancer Therapy



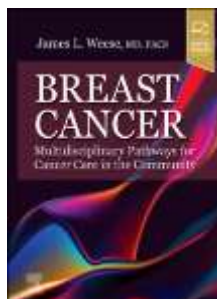
v měkké vazbě, 494 stran
vyd. Academic Press Inc, X/2023
ISBN 9780443191428

katalog.cena 4.000 Kč
v této nabídce **3.000 Kč**

Recent Advances in Nanocarriers for Pancreatic Cancer Therapy reviews thriving strategies concerning pancreatic cancer therapy, thoroughly describing the most recent developments in emerging modern drug delivery systems focused on, and derived from, nanotechnology. By providing a holistic understanding of the molecular pathways, conventional therapy and novel nanocarriers mediated drug delivery against pancreatic cancer, this work can be considered a complete package. The book offers a solution to the dissemination of data from a broad range of resources by providing an overview of the molecular pathways and conventional therapy of pancreatic cancer, the application of various nanocarriers, and more.

This book equips scientists, clinicians and students to make rational treatment approaches based on nanomedicine for improving and extending the human life against pancreatic cancer

Breast Cancer: Multidisciplinary Pathways for Cancer Care in the Community



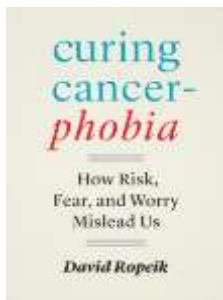
v pevné vazbě, 232 stran
vyd. Elsevier – Health Sciences Division,
I/2024
ISBN 9780323932493

katalog. cena 4.930 Kč
v této nabídce **3.650 Kč**

Because most cancer care is delivered in the community setting, Breast Cancer, edited by Dr. James L. Weese, looks at the management of breast cancer through the lens of multidisciplinary pathways focused on evidence-based, real-world care of breast cancer patients in the community.

A multidisciplinary team of expert authors provides state-of-the-art guidance from the perspective of community practitioners using an evidence-based model, clearly showing the thought processes used to make treatment decisions in today's breast cancer management. Discusses all the latest breakthrough therapies for breast cancer, including chemotherapeutic, molecular, and immunologic agents, as well as new developments in precision-based medicine, pharmacology, breast cancer surgery, breast and lymphatic reconstruction, radiation therapy, and more. Provides strategies for targeted radiation therapy and conservative breast surgery for contemporary breast cancer treatment. Features more than 200 high-quality figures throughout, including pathways, anatomic, radiographic, and graphic images.

Curing Cancerphobia: How Risk, Fear, and Worry Mislead Us



v pevné vazbě, 392 stran
vyd. Johns Hopkins University Press,
I/2024
ISBN 9781421447407

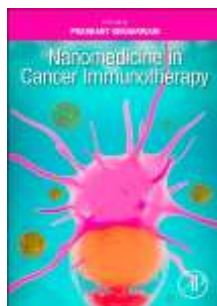
katalog.cena 957 Kč
v této nabídce **720 Kč**

Our fear of cancer causes great harm to individual health and to society. The fear of cancer is understandable. But that fear is in some ways outdated, as it fails to account for the medical progress made against this family of diseases.

In Curing Cancerphobia, David Ropeik reveals the fascinating historical and psychological roots of our fear of cancer and documents the dramatic health and financial harms caused when that fear exceeds the risk. Fear of cancer drives millions for whom screening is not recommended to screen for the disease anyway, producing tens of thousands of emotionally damaging false positives and costing the US health care system an estimated \$9.2 billion a year. At the same time, fear of cancer also causes many people for whom screening is recommended to avoid it altogether.

Modern screening technologies often identify cancers that do not spread or that grow so slowly they almost certainly will never cause harm in a person's lifetime. Yet many of these people, frightened by the word "cancer" in their diagnosis, understandably choose more aggressive and risky treatments than their clinical conditions require. These unnecessary treatments kill hundreds of people, cause severe side effects in thousands, and cost the health care system at least \$5.2 billion a year.

Nanomedicine in Cancer Immunotherapy



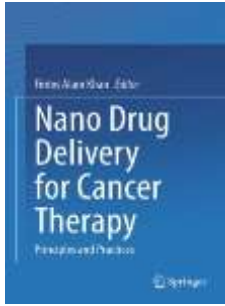
v měkké vazbě, 500 stran
vyd. Academic Press Inc, I/2024
ISBN 9780443187704

katalog.cena 5.500 Kč
v této nabídce **4.100 Kč**

Nanomedicine in Cancer Immunotherapy bridges the two disciplines of nanotechnology and immunology, summarizing the latest research into novel cancer treatments, often personalized to the patient. The book covers a wide range of nanomaterial types for use in cancer immunotherapy, including hydrogel, lipid, exosome, gold and peptide nanoparticles. The preparation, application, pros and cons of each nanomaterial class is reviewed, helping the reader understand the potential for each to tailor their own selections.

Nanovaccines are also covered, along with a clinical evaluation and market analysis of nanomedicines for immunotherapy, offering an important clinical and commercial overview of this rapidly developing field. This book is an interesting reference for those working in the fields of nanotechnology, immunology, and cancer therapeutics, as well as clinicians with an interest in novel nano-based cancer treatments

Nano Drug Delivery for Cancer Therapy: Principles and Practices



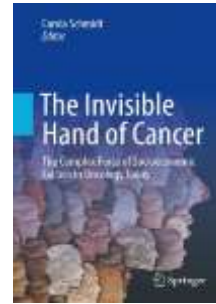
v pevné vazbě, 251 stran
vyd. Springer, 1/2024
ISBN 9789819969395

katalog.cena 4.428 Kč
v této nabídce **3.100 Kč**

This book discusses the various modes and methods of nano-based drug delivery in different types of cancers such as colon, breast, cervical, ovarian, and lung cancer. It reviews the significance of nano drug delivery in cancer therapy, the application of nanoparticles in overcoming drug resistance, targeted therapy, and immunotherapy. The book also covers topics related to the synthesis of different types, shapes, and sizes of nanocarriers using synthetic and biological approaches.

Further, a chapter explores the synthesis of nanocarriers loaded with anti-cancer drugs by using functionalization or conjugations and encapsulation methods. The book also examines the nanocarriers as delivery vehicles for chemotherapeutic agents against cancers using in vitro and animal models of cancers, preclinical trials for efficacy, and safety profiling of nanocarriers. Finally, future trends and innovation in nano drug delivery for cancer therapy, application of siRNA (nanoparticle-based RNA) therapy, ultrasound-linked nano-cancer therapeutics, and application of exosome-based cancer therapy topics are discussed. Towards the end, the book examines the limitations of nanocarriers, including the cell and tissue toxicity, genotoxicity, and scale-up of nanomaterials, health and environmental hazards associated with nanof ormulation synthesis, respiratory diseases, government regulations, and ethical issues.

Invisible Hand of Cancer: The Complex Force of Socioeconomic Factors in Oncology Today



v měkké vazbě, 142 stran
vyd. Springer, 1/2024
ISBN 9783031457739

katalog.cena 861 Kč
v této nabídce **650 Kč**

Oncology is a field characterized as "medicine of high complexity" and cancer is generally regarded as a complex system. Therefore, it cannot be classified and treated according only to its biology. Even though research on the biology of cancer has increased and more studies have been published, the related sociological, political and economic dimensions, as well as mathematical models that predict whether this condition will take one course or another, have often been neglected.

The Invisible Hand of Cancer "The Complex Force of Socioeconomic Factors in Oncology Today" unfolds the variables behind the biological disease, exploring the social aspects and presenting cancer as a model inside of the Complexity Theory. Cancer is a generic word for more than 200 diseases. In a wider view of cancer treatment, the various factors of cancer interact in multiple ways and it is a difficult task to identify and understand all the possible combinations in this system.

All these variables and how they interact can be defined as the invisible hand of cancer. This book does not intend to be an exhaustive analysis of these aspects. It is a door being opened to the cancer research journey, along the years and beyond its biology.

Breast Cancer Research and Treatment: Innovative Concepts: 188



v pevné vazbě, 368 stran
vyd. Springer, 1/2024
ISBN 9783031336010

katalog.cena 3.198 Kč
v této nabídce **2.225 Kč**

This book focuses on innovative treatment options for breast cancer, including surgery, radiotherapy, systemic therapy and of course immunotherapy that is changing outcomes in some aggressive breast cancer histotypes. Subsequent chapters also address the ongoing emerging research in the screening, diagnostics, and management of all subtypes of breast cancers. All current landscapes and future perspectives in each molecular subtype: luminal, HER2-positive, and triple-negative breast cancers are discussed within the different chapters.

Breast cancer is still the most common cancer and cause of cancer deaths among women worldwide. The improvement of breast cancer outcome appears to be strictly related to the validation of precise biomarkers that enable us to better select personalized approaches in breast cancer management. The closing chapters deal with the challenges of conducting research in the "era of precision medicine for cancer.

The book is edited and authored by leading experts in this field and will be of interest for clinicians and scientists alike.

Cancer Treatment: An Interdisciplinary Approach: 2



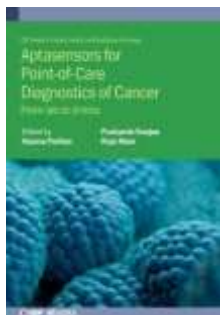
v pevné vazbě, 426 stran
vyd. Springer, 1/2024
ISBN 9783031439827

katalog.cena 4.182 Kč
v této nabídce **3.100 Kč**

Cancer treatment is a challenging issue, while the treatment modalities have extended from traditional surgery, chemotherapy, and radiation therapy to new therapeutic approaches, including targeted therapy, immunotherapy, stem cell transplantation, and hormone therapy. Therefore, an interdisciplinary approach is needed to find a better therapeutic protocols in order to increase the prognosis and quality of life of patients with cancer. The second volume of the "Interdisciplinary Cancer Research" series, entitled "Cancer Treatment: An Interdisciplinary Approach" publishes comprehensive volumes on different cancer treatment modalities and presents the most updated and peer-reviewed articles on cancer therapy.

This interdisciplinary series is of special value to researchers and practitioners working on cell biology, immunology, hematology, biochemistry, genetics, oncology and related fields. This is the main concept of Cancer Immunology Project (CIP), which is a part of Universal Scientific Education and Research Network (USERN). This interdisciplinary book will be of special value for researchers and clinicians who wish to extend their knowledge on cancer treatment.

Aptasensors for Point-of-Care Diagnostics of Cancer



v pevné vazbě, 268 stran
vyd. Institute of Physics Publishing,
XII/2023
ISBN 9780750350105

katalog.cena 3.480 Kč
v této nabídce **2.600 Kč**

The aptasensor-based point-of-care testing devices offer high sensitivity and specificity. They are cost-effective, provide rapid detection, and are stable in an adverse environment making them suitable tools for on-site detection of cancer biomarkers in medical and clinical settings. The present book emphasizes the target-specific design, functionalization, and synthesis of aptamers for the fabrication of aptamer-based biosensors which can be employed for cancer biomarkers detection. This book will provide the reader with a timely update on the recent advances in aptamers-based point-of-care biosensors for cancer diagnostics.

Multimodality Imaging and Intervention in Oncology



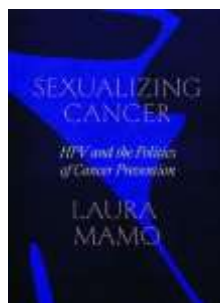
v pevné vazbě, 597 stran
vyd. Springer, XII/2023
ISBN 9783031285233

katalog.cena 4.920 Kč
v této nabídce **3.690 Kč**

This book provides the reader with a focused review of multimodality imaging strategies (radiology and molecular imaging) in staging and re-staging the major types of cancer (i.e. thyroid, breast, colon-rectum, lung, prostate, pancreas, liver, head and neck, and hematological cancer), including rare neoplasms. In addition to presenting the possible diagnostic pathways for all oncologic diseases, the book identifies those interventions currently available in clinical practice (these being a branch of interventional radiology), while also examining and detailing molecular radiotherapy strategies.

The work has an interdisciplinary appeal and, thanks to its highly informative and cutting-edge coverage, professionals as well as advanced students and residents in radiology, oncology and surgery will find it of particular interest.

Sexualizing Cancer: HPV and the Politics of Cancer Prevention



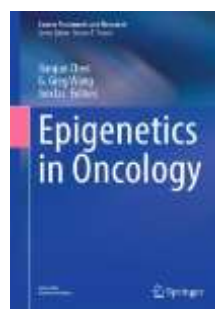
v měkké vazbě, 368 stran
vyd. University of Chicago Press,
XII/2023
ISBN 9780226829296

katalog.cena 812 Kč
v této nabídce **599 Kč**

The virus that changed how we think about cancer and its culprits and the vaccine that changed how we talk about sex and its risks. Starting in 2005, people in the US and Europe were inundated with media coverage announcing the link between cervical cancer and the sexually transmitted virus HPV. Within a year, product ads promoted a vaccine targeting cancer's viral cause, and girls and women became early consumers of this new cancer vaccine.

An understanding of HPV's broadening association with other cancers led to the identification of new at-risk populations—namely boys and men—and ignited a plethora of gender and sexual issues related to cancer prevention. Sexualizing Cancer is the first book dedicated to the emergence and proliferation of the HPV vaccine along with the medical capacity to screen for HPV—crucial landmarks in the cancer prevention arsenal based on a novel connection between sex and chronic disease. Interweaving accounts from the realms of biomedical science, public health, and social justice, Laura Mamo chronicles cervical cancer's journey out of exam rooms and into public discourse.

Epigenetics in Oncology: 190



v pevné vazbě, 393 stran
vyd. Springer, XII/2023
ISBN 9783031456534

katalog.cena 3.198 Kč
v této nabídce **2.225 Kč**

This book addresses Epigenetics in Cancer and covers the most recent advances in RNA/histone/DNA epigenetics in Oncology. RNA/histone/DNA epigenetics have been shown to play pivotal roles in cancer initiation, progression, maintenance and drug response/resistance, tumor microenvironment, cancer stem cell self-renewal, cancer metabolism, and tumor immune evasion. In particular, research in RNA cancer epigenetics has made impressive progress in the last few years.

Individual chapters in Part I (focusing on RNA epigenetics) are devoted to RNA modifications in Cancer Metabolism and Microenvironment, Cancer Stem Cell Biology, Immune Surveillance, Solid Tumors and Tumor Immunity, and Hematopoietic Malignancies, as well as to RNA editing in Cancer. Chapters in Part II and III of the book focus on histone epigenetics and DNA epigenetics, respectively. By familiarizing readers with the latest developments in this complex and challenging field, the book offers a valuable resource for scientists, graduate students and clinicians alike.

Cancer Consult: Expertise in Clinical Practice, Volume 1: Solid Tumors & Supportive Care



v měkké vazbě, 752 stran
vyd. John Wiley & Sons Inc, XII/2023
ISBN 9781119823735

katalog.cena 3.190 Kč
v této nabídce **2.300 Kč**

This volume also includes: Up-to-date, clinically relevant information on the very latest topics such as molecular techniques, targeted therapies, immunotherapy, cellular therapy and translational cancer research. Sections on head, neck, thoracic, breast, GI, genitourinary, skin, gynecological and hereditary cancers, amongst other topics. Streamlined, engaging content to make finding information easier and less time consuming for the reader. Concise and practical expert perspectives that reference key studies. References to the latest NCCN, ESMO, ASCO, and other national guidelines. With its powerful focus on pragmatic clinical diagnostic, therapeutic and prognostic approaches, Cancer Consult: Expertise in Clinical Practice, Volume 1: Solid Tumors & Supportive Care, Second Edition will help keep hematology, oncology and cellular therapy practitioners up-to-date, bridging the gaps between journal and reference literature, conferences, and their existing knowledge base. It also offers clinicians, trainees, and fellows an excellent opportunity to enhance their preparation for the ABIM, hematology and oncology fellowship and recertification exams.

Cancer Consult: Expertise in Clinical Practice, Volume 2: Neoplastic Hematology & Cellular Therapy



v měkké vazbě, 864 stran
vyd. John Wiley & Sons Inc, XII/2023
ISBN 9781119823124

katalog.cena 3.190 Kč
v této nabídce **2.300 Kč**

This volume also includes: Up-to-date clinically relevant information on the very latest topics such as molecular techniques, targeted therapies, immunotherapy, BMT, CAR T-cell therapy and translational cancer research. Sections on ALL, AML, myeloid neoplasms, CLL, Hodgkin's and Non-Hodgkin's lymphomas, amongst other topics. Streamlined, engaging content to make finding information easier and less time consuming for the reader. Concise and practical expert perspectives that reference key studies. References to the latest NCCN, ESMO, ASH, ASTCT, EBMT and other national guidelines. With its powerful focus on pragmatic clinical diagnostic, therapeutic and prognostic approaches, Cancer Consult: Expertise in Clinical Practice, Volume 2: Neoplastic Hematology & Cellular Therapy, Second Edition will help keep hematology, oncology and cellular therapy practitioners up-to-date, bridging the gaps between journal and reference literature, conferences, and their existing knowledge base. It also offers clinicians, trainees, and fellows an excellent opportunity to enhance their preparation for the ABIM, hematology and oncology fellowship and recertification exams.

Physics of Cancer, Volume 5



v pevné vazbě, 616 stran
vyd. Institute of Physics Publishing,
XII/2023
ISBN 9780750362726

katalog.cena 3.480 Kč
v této nabídce **2.600 Kč**

This book aims to make very important topics in the physics of cancer such as mechanical characterization of cells using biophysical methods visible to the research community, with the goal of ensuring these special techniques receive more attention from the scientific community and are developed accordingly.

Tumor Microenvironment: New Insights



v pevné vazbě, 124 stran
vyd. IntechOpen, XI/2023
ISBN 9781839693793

katalog.cena 3.451 Kč
v této nabídce **2.500 Kč**

This book offers outstanding approaches to understanding the role of the tumor microenvironment (TME) in cancer development and metastasis. The TME, with its multifaceted role, is fundamental in the control and exacerbation of almost all cancer types. The outcome of many solid tumors is dependent on the modulation of the TME.

Local tumor immunity, which is crucial in the control of cancer promotion, is one of the leading compounds of the TME. This book presents new insights and provides detailed and updated descriptions of the role of the TME in the control and the development of almost all cancer types. This book is an authentic source of knowledge, useful for researchers, medical doctors, students, and all individuals interested in understanding the mechanisms of cancer control and development.