Antiangiogenic agent avastin shows promise for treating - brain metastases are a major cause of death in patients with advanced lung cancer avastin a drug that interferes with the growth of tumor blood vessels angiogenesis is approved to treat both advanced non small cell lung cancer nsclc and a type of primary malignant brain tumor called glioblastoma, nanoparticle and targeted systems for cancer therapy - 1 introduction current cancer therapy usually involves intrusive processes including application of catheters to allow chemotherapy initial chemotherapy to shrink any cancer present surgery to then remove the tumor s if possible followed by more chemotherapy and radiation, cancer diagnosis and treatment of cancer britannica com - cancer diagnosis and treatment of cancer greater insight into the causes and mechanisms of cancer has led to better ways to diagnose and treat the many forms of this disease first of all advances in detection have improved the ability to discover cancers earlier and to diagnose them more accurately than was the case only a few years ago, tbrc 010 phase i ii study of dasatinib in combination - purpose osteoclast mediated bone resorption through src kinase releases growth factors sustaining bone metastases this trial determined the recommended phase ii dose rp2d and clinical efficacy of the src kinase inhibitor dasatinib combined with zoledronic acid in bone predominant her2 negative breast cancer metastases experimental design a 3 3 lead in phase i design confirmed the rp2d, targeting strategies for multifunctional nanoparticles in - abstract nanomaterials offer new opportunities for cancer diagnosis and treatment multifunctional nanoparticles harboring various functions including targeting imaging therapy and etc have been intensively studied aiming to overcome limitations associated with conventional cancer diagnosis and therapy , nci dictionary of cancer terms national cancer institute - the nci dictionary of cancer terms features 8 354 terms related to cancer and medicine we offer a widget that you can add to your website to let users look up cancer related terms get nci s dictionary of cancer terms widget, recent advances in drug repositioning for the discovery of - drug repositioning for anticancer applications itraconazole itraconazole is a triazole antifungal drug developed in 1980s like other azole family of antifungal drugs it is effective in a variety of systemic fungal infections the mechanism of antifungal activity of itraconazole has been well established, near infrared fluorescent probes in cancer imaging and - near infrared fluorescent probes in cancer imaging and therapy an emerging field xiaomin yi fuli wang weijun qin xiaojian yang jianlin yuan department of urology xijing hospital fourth military medical university xi an shaanxi people s republic of china abstract near infrared fluorescence nirf imaging is an attractive modality for early cancer detection with high sensitivity and, drug design development and therapy dove press - an international peer reviewed open access journal that spans the spectrum of drug design and development through to clinical applications the journal is characterized by the rapid reporting of application notes reviews original research and clinical studies in all therapeutic areas, tyrosine kinase role and significance in cancer - abstract tyrosine kinases are important mediators of the signaling cascade determining key roles in diverse biological processes like growth differentiation metabolism and apoptosis in response to external and internal stimuli, oral complications of chemotherapy and head neck radiation - oral complications of chemotherapy and head neck radiation are common and should be considered and addressed before during and after treatment get detailed information about mucositis salivary gland dysfunction and taste changes as well as psychosocial issues in this clinician summary, mechanism of action of conventional and targeted - main text introduction over decades the development of antineoplastic drugs has been based on the conviction that cancer would constitute a cell autonomous genetic and epigenetic disease hanahan and weinberg 2011 thus chemotherapeutics have long been viewed as a sort of antibiotics for malignant cells i e chemicals designed to preferentially target cancer cells and either limit their, vascular endothelial growth factor inhibitors for ocular - background age related macular degeneration vascular endothelial growth factor vegf is a naturally occurring substance in the body responsible for the growth of new blood vessels neovascularization, emerging therapies for hepatic fibrosis upToDate - introduction hepatic fibrosis is a scarring response to liver damage which may be considered beneficial since it can encapsulate injury however in doing so liver function may ultimately become impaired there has been exciting progress in understanding hepatic fibrosis which represents a paradigm for wound healing in other tissues including skin lung and kidney since it involves, theory of sexual orgasm and sexual exhaustion symptoms - theory of sexual orgasm and sexual exhaustion symptoms excessive sex and light over sensitivity in retina beside inflammation of eyeballs due to excessive prostaglandine2 and histamine induced by excessive norepinephrine and prolatin melatonin melanin dopamine and glutamate are responsible for visual perception and multilevel regulation of visual sensitivity in response to the intensity