Advances in the analytical instrumentation used in NP research 25,26, coupled with computational approaches that can generate plausible NP analogue structures and their respective simulated results, are reviewed. Download : Download high-res image (288KB) Download : Download full-size image

Recent advances in linker design for antibody-drug conjugates: Recent advances in linker design for antibody-drug conjugates (ADCs) are revolutionizing cancer therapy. Linkers, determining both efficacy and off-target toxicity, are the core components of ADCs. The advances of linkers over the past 5 years are reviewed. Download : Download high-res image (208KB) Download : Download full-size image

Antibody-drug conjugates: Recent advances in linker design
Dec 01, 2021 · Antibody-drug conjugates (ADCs) are revolutionizing cancer therapy. Linkers, determining both efficacy and off-target toxicity, are the core components of ADCs. The advances of linkers over the past 5 years are reviewed.

Advances and Challenges of Liposome Assisted Drug Delivery
Dec 01, 2015 · In this review, we will discuss the advances in liposome assisted drug delivery, biological challenges that still remain, and current clinical and experimental use of liposomes for biomedical applications. Anionic, cationic, and neutral (phospho)lipids and cholesterol, which encloses an aqueous volume (Figure (Figure1). 1).

Natural products in drug discovery: advances and applications
Jan 28, 2022 · Advances in the analytical instrumentation used in NP research 25,26, coupled with computational approaches that can generate plausible NP analogue structures and their respective simulated results are reviewed. Simulations show long lag in the effect of global warming on ...
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Jan 10, 2022 - The "Large Volume Wearable Injectors Market by Type of Device, Usability, Therapeutic Area, Key Geographical Regions: Industry Trends and Global Forecasts, 2021-2035" report has been added to

Advances in Patient Safety: New Directions and Alternative Approaches
Advances in Patient Safety: New Directions and Alternative Approaches represents years of study by AHRQ-funded patient safety researchers and others. It includes articles on reporting systems, risk assessment, safety culture, medical simulation, patient safety tools and practices, health information technology, medication safety, and other topics related to improving patient safety

Recent advances in the development of Biomaterials Research
Mar 12, 2019 - Gene delivery systems are essentially necessary for the gene therapy of human genetic diseases. Gene therapy is the unique way that is able to adjust the gene to cure any disease. The gene therapy is one of promising therapies for a number of diseases such as inherited disorders, viral infection and cancers. The useful results of gene delivery systems

Substance dependence - Wikipedia
Substance dependence, also known as drug dependence, is a biopsychological situation where-by an individual's functionality is dependent on the necessitated re-consumption of a psychoactive substance, because of an adaptive state that has developed within the individual from psychoactive substance consumption, which results in the experience of withdrawal, which ...

Research team finds new dual benefit mode of action for a cancer therapy
Jan 14, 2022 - A research team led by Prof. Stephan Ludwig, a virologist at the Institute of Virology at the University of Münster, has found new dual attack mode of action while working on the development of a cancer therapy

Advanced NanoBiomed Research - Wiley Online Library
Cancer Theraonotics In article number 2100029, Peng Huang and co-workers provide a periodic update and emphasize on the potential applications of gold nanorods (GNRs) in diagnosis, cancer phototherapy, synergistic tumor therapy, and imaging-guided therapy. The most recent advances in GNRs research towards cancer theranostics are highlighted.

Advances in drug research volume
Frontiers in Clinical Drug Research - Anti infectives is a book series that brings updated reviews to readers interested in learning about advances. The eighth volume of this series presents

Boundaries in medical treatment research
Anavex Life Sciences (NASDAQ:AVXL) was downgraded by Zacks Investment Research from a "hold" rating to a "sell" rating in a report released on Wednesday, Zacks.com reports. According to Zacks, "ANAVEX

Anavex Life Sciences (nasdaq:avxl) rating lowered to sell at zacks investment research
Drug delivery technologies, contract research, manufacturing and clinical trial services, but excluded devices, diagnostics, research tools, animal health and insurance. M&A deal volume throughout

Biopharma dealmaking in 2021
Finding new therapeutics often demands more than ten years of research in drug development synthesized large libraries of these compounds for laboratory and animal testing. As advances in predicting protein structure unveils the shape of drugs to come
Acta Pharmaceutica Sinica B (APSB) was founded with the goal of creating a global high-level forum centred around drug discovery and pharmaceutical research of recent advances in all areas

Acta pharmaceutica sinica b volume 11, issue 12 publishes
Randomized clinical trials serve as the standard for clinical research and have contributed immensely to advances in patient they would be performed in the drug-development process.

Adaptive designs for clinical trials
"Using the latest advances in lipidomics distinct from known drug inhibitor binding pockets, which may serve as a new target for future therapeutic drugs. The research group had previously

Computer simulations helped to detect drugs for heart disorders
Researchers from Indiana University School of Medicine are discovering new ways to find out how effective a drug might be against paper published by Science Advances. "The oxygen level in

Important new findings about how to test cancer-fighting drugs
Myeloma Canada proudly announces results of the Myeloma Priority Setting Partnership (PSP), published in the British Journal of Haematology. The first of its kind in myeloma, this PSP will have an

Myeloma Canada announces publication of findings of first-ever "myeloma priority setting partnership"
Now, researchers have solved the structure of the protein and how certain drugs bind to it, unveiling their mode of action. Just over a decade ago, in one of the great advances in modern medicine

Cystic fibrosis drugs can be 'life-changing' for patients: new images reveal how the molecules work
Oncology and rare disease are ready to reap the benefits of COVID drug development. COVID-19-induced setbacks in oncology and rare disease research and development rare disease drug development.

Boosting immunotherapies
which stands for Maximizing Investigators' Research Award. It's designed to give highly talented researchers more flexibility and stability to achieve important scientific advances in their labs.

UMass Amherst professor receives $2 million NIH MIRA grant for trailblazing research
As kidney disease advances, dangerous levels of waste can in people developing stage 1 CKD in 2018. Meanwhile, the volume of people with CKD at stages 2-5 remained fairly steady.

Symptoms, causes, and treatment of chronic kidney disease (CKD)
Currently, there is no cure for Tourette syndrome, and conventional therapy focuses on behavioral therapy combined with psychotropic drugs results of scientific research and clinical and