

# Nanotechnology 2008: Life Sciences, Medicine, and Bio Materials - Technical Proceedings of the 2008 NSTI Nanotechnology Conference and Trade Show, NSTI-Nanotech 2008

[No author name available]

Abstract: The proceedings contain 203 papers. The topics discussed include: nanomedicine: engineering of a tri-imageable nanoparticle for cancer diagnostics; gold nano-probes as targeted CT contrast agents for in-vivo cancer imaging; strategies for enhanced brain tumor accumulation of magnetic nanoparticles for potential drug delivery; 5-aminolevulinic acid conjugated gold nanoparticles for cancer treatment; multiwalled carbon nanotube-doxorubicin supramolecular complexes for cancer therapeutics; genomics and proteomics: information-theoretic analysis in frequency domain; colorectal cancer cell detection by chitosan nanoparticle conjugated with folic acid; chitosan nanoparticle combined with ultrasound for cervical cancer detection; biochip-based test system for cancer diagnostics. simultaneous quantitation of total and free forms of prostate-specific antigen; and mathematical model of effect of drug delivery on blood flow in external magnetic field by magnetic nanoparticles.

Year: 2008

Source title: Technical Proceedings of the 2008 NSTI Nanotechnology Conference and Trade Show, NSTI-Nanotech, Nanotechnology 2008

Volume: 2

Page count: 794

Link: [Scopus Link](#)

Document Type: Conference Review

Source: Scopus

Authors with affiliations:

1. [No author name available]