

Technologies

Cancer Technologies

- Prostate-Specific Gene, PCGEMI and Methods of Using PCGEMI to Detect, Treat and Prevent Prostate Cancer
- Androgen-Regulated PMEPA1 Gene and Methods of Using the Same to Inhibit Prostate Cancer Cell Growth
- Early Detection of PSA Expression Using Circulating Prostate Epithelial Cells
- Methods of Diagnosing or Treating Prostate Cancer Using the ERG Gene Alone or in Combination with the AMCR Gene or Other Genes that are Over Expressed or Under Expressed in Prostate Cancer
- Induction of Tumor Immunity by Variants of Folate Binding Protein in Breast Cancer
- Isolated Antigenic Peptide Fragments and Uses
- Erythropoietin Signaling in Breast Cancer
- The Human Tumor Suppressor Gene ANX7 as a Diagnostic/Prognostic Marker in Breast and Prostate Cancers
- Method of Dynamic Retardation of Cell Division Cycle Kinetics to Potentiate Cell Damage
- Methods for Therapy of Cancer Using Phenylacetate or Pharmaceutically Acceptable Derivatives
- Targeted Identification of Immunogenic Peptides
- Stable Quantitation and Detection of Immune Response Levels with Non-Zero Background Peptides
- Secretory Biomarker Panels with Potential Utility in Bio-Fluids of Prostate Cancer Patients
- Detection of Prostate Cancer-Specific transcribed ERG Sequences and by ERG Isoform 8
- Practical Application and Extension of Uses of a HER2/neu Vaccine for Prevention of Recurrence in High-Risk Breast Cancer Patients

HIV Technologies

- Expression and Characterization of HIV-1 Envelope Protein Associated with a Broadly Reactive Neutralizing Antibody Response
- Interacting Site for gp41 on gp120 of HIV-1
- Modified Oligomeric HIV-1 gp140 Envelope Proteins
- HIV-1 Envelope Proteins
- MVA Expressing Modified HIV Envelope, Gag, and Pol genes
- HIV-1 R2 Envelope Protein with Enhanced Trimerization Characteristics

Diagnostic Technologies

- A Simple and Rapid Method to Induce Premature Chromosome Condensation in Resting Peripheral Blood Lymphocytes to Study Structural and Numerical Chromosomal Aberrations Involving Specific Chromosomes
- Genomic and Proteomic Biomarkers for Cystic Fibrosis
- Novel Diagnostic Method in Disorders that Affect Ryanodine Receptor gene Abnormalities and Altered Cellular Calcium Homeostasis in Related Syndromes

Medical Devices

- Portable Handpump for Evacuation of Blood
- Light Promotes Regeneration and Functional Recovery After Spinal Cord Injury
- Light as a Replacement for Mitogenic Factors on Progenitor Cells
- System and Method for Diminishing the Function of Microorganisms with a Visible Femtosecond Laser
- Limb Accelerometry for Diagnosis of Convulsions

Pharmaceutical Technologies

- Activation of Hypoxia Inducible Gene Expression
- Inhibition of HIF-1 Mediated Gene Expression
- Compounds for Interleukin-8 Suppression and Associated Disease States, Methods of Making and Using Thereof
- Pharmaceutical Compositions Comprising a Soluble Interleukin-4 Receptor
- Recombinant DNA molecules for Producing Terminal Transferase-Like Polypeptides
- Cellular Phosphorylation Potential Enhancing Compositions, Preparation and Use Thereof
- Pharmaceutical Alpha-Keto Carboxylic Acid Compositions, Method of Making and Use Thereof
- Amphiphilic Pyridinium Compounds, Methods of Making and Use Thereof
- Method and Compositions for the Treatment of Hemorrhagic Shock and Related Disorders
- Compositions and Methods for the Prevention, Detection, and Treatment of Posttraumatic Stress Disorder
- A 3-Ketosphinganine that Synthesizes L-Threo Dihydrosphinganine
- Peptides that Identify and Block Alzheimer's AB Ion Channel Pore are Effective at Preventing AB Cytotoxicity

Continued 

Vaccine Construct Technologies

- Dual Carrier Immunogenic Constructs
- Producing Immunogenic Constructs Using Soluble Carbohydrates Activated via Organic Cyanating Reagents (CDAP)
- Method for Preparing Solid Phase Conjugate Vaccines
- Protein-Polysaccharide Conjugate Vaccines and Other Immunological Reagents Prepared Using Homobifunctional and Heterobifunctional Vinylsulfones, and Process for Preparing the Conjugates
- Process for Preparing Conjugate Vaccines Including Free Protein and the Conjugate Vaccines, Immunogens, and Immunogenic Reagents Produced by this Process
- Simplified Method for Removing Free Protein During Preparation of Protein-Polysaccharide Conjugates and Vaccines Using Restricted Access Media

Diagnostic Imaging Technologies

- Pixelation Reconstruction for Improved Image Resolution and Image Data Transmission
- Method and System for MRI Venography Including Arterial and Venous Discrimination
- Method for Adjusting MR Scan Plane Over Cardiac Cycle to Track Motion of Coronary Artery
- Method and Apparatus for Rapid Assessment of Stenosis Severity
- Method and Apparatus for Optical Imaging of Peripheral Vasculature
- Method and Apparatus for Efficient Stenosis Identification in Peripheral Arterial Vasculature using MR Imaging
- Method and Apparatus for Optical Imaging of Peripheral Vasculature Emphasizing Distal Arterial Visualization in a Multi-Station Examination
- Method and System for Acquisition and Preferential Arterial and Venous Images for MR Angiography
- Method and Apparatus Using Post Contrast-Enhanced Steady-State Free Precision in MR Imaging

Radioprotection Technologies

- Phytoestrogenic Isoflavone Compositions, Their Preparation and Use Thereof for Protection Against and Treatment of Radiation Injury
- Radiation Protection by Gamma Tocotrienol
- The Use of Multiple Protein Biomarkers for Radiation Injury and Exposure Assessment
- Integrated MicroRNomic Radiation Biodosimetry
- Delta-Tocotrienol as a Countermeasure Agent against Ionizing Radiation
- Deinococcus Radiodurans Defines a Novel Radioprotection Paradigm: Adenosine and Uridine as Radioprotectors for Mammalian Cells

Infectious Disease Technologies

- Compositions and Methods for the Inhibition of Membrane Fusion by Paramyxoviruses
- Soluble Forms of Nipah and Hendra Virus G Glycoproteins
- Detection of Shiga-Like Toxins of Enterohemorrhagic Escherichia Coli
- Method for Treating Infectious Respiratory Diseases by Administration of an Anti-Inflammatory Agent Directly into the Lower Respiratory Tract
- Immunogenic Shiga-Like Toxin II Variant Mutants
- Development of Hybrid Stx1 and Stx2 Holotoxoid Vaccine to Elicit Heterologous Protection against Both Types of Shiga Toxins
- Soluble Forms of Hendra and Nipah Virus F Glycoprotein
- Bacterial Expression and in vitro Assembly of Active Holo-I κ B Kinase (IKK)
- A Plasmid Expressing the Minimal Invasion Genes of Shigella and its Use in a Vaccine Strain
- Mutant Forms of Cholera Toxin as an Adjuvant

Software

- Medical Multimedia Database System
- Multi-Grayscale Overlay Window

Other Technologies

- Determining Natural and Depleted Uranium in Biological Samples
- Single Step Measurement of Angular and Spectral Dependence of Mueller Matrix for Single Step Aerosol Particle