FACULTY AWARDED PATENTS

Ashkan Emadi
Edward Sausville
Rena Lapidus
Brandon Carter-Cooper
School of Medicine
“Compositions and Methods for the Treatment of Cancers”

Vincent Njar
School of Medicine
“Biomarkers for Treatment of Neoplastic Disorders Using Androgen-Targeted Therapies”

Frank Robb
School of Medicine
“Thermostabilization of DNA Polymerase by Protein Folding Pathway from a Hyperthermophile Archaeon”

Andrew Coop
Alexander MacKerell Jr.
School of Pharmacy
“Novel Mixed µ Agonist/δ Antagonist Opioid Analgesics with Reduced Tolerance Liabilities and Uses Thereof”

Huakun Xu
School of Dentistry
“Bone Pastes Comprising Bio-functionalized Calcium Phosphate Cements with Enhanced Cell Functions for Bone Repair”

Warren D’Souza
Thomas McAvoy
Kathleen Malinowski
School of Medicine
“Method for Monitoring the Accuracy of Tissue Motion Prediction from Surrogates”

La-Xi Wang
School of Medicine
“Chemoenzymatic Glycoengineering of Antibodies and Fc Fragments Thereof”

Vincent Njar
Lalji Gediya
Puranik Purushottamachar
Andrew Kwegyir-Afful
Tadas Vasaitis
School of Medicine
“Androgen Receptor Down-Regulating Agents and Uses Thereof”

James Galen
School of Medicine
“Bacterial Live Vector Vaccines Expressing Chromosomally-Integrated Foreign Antigens”

Ming Xue
Seth Kligerman
Warren D’Souza
Hao Howard Zhang
School of Medicine
“Methods and Apparatus for Individually Optimizing Uniform Contrast Enhancements in Computed Tomography Imaging”

Eduardo Davila
School of Medicine
“Total and Phosphorylated IL-1 Receptor-Associated Kinase-1 (IRAK-1) and (IRAK-4) as a Biomarker for Cancer Progression and Chemotherapy Resistance”

Cha-Min Tang
Ashraf Fouad
Chia-Ing Liang
Yu Chen
Nicholas Woolsey
School of Medicine
“Coherence Gated Doppler Motion Sensor and Medical Applications”

Dudley Strickland
School of Medicine
“Methods and Compositions for Modulation of Blood-Neural Barrier”

Robert Schwarcz
School of Medicine
“Derivatives of Nicotinic Acid N-Oxide, Their Preparation and Their Use as Inhibitors of Enzyme-3-Hydroxyanthranilate-3,4-Dioxygenase”

Marc Simard
School of Medicine
“Targeting NC Ca-ATP Channel for Organ Protection Following Ischemic Episode”

Scott Strome
Dan Schulze
School of Medicine
“Immunoglobulin Constant Region Fc Receptor Binding Agents”

Zeljko Vujaskovic
Lauren Jackson
School of Medicine
“Administration of a Therapeutic Amount of Genistein to Mitigate Erectile Dysfunction Resulting from Radiation Therapy for Prostate Cancer Only Throughout a Defined Administration Period Commencing Shortly Before and Concluding After Radiation Therapy”

James Gammie
School of Medicine
“Method and Apparatus for Transapical Procedures on a Mitral Valve”

Lai-Xi Wang
School of Medicine
“Glycoprotein Synthesis and Remodeling by Enzymatic Transglycosylation”

Alan Cross
School of Medicine
“Detoxified Endotoxin Immunogenic Compositions and Uses Thereof”

Feyruz Rassool
School of Medicine
“Targeting Abnormal DNA Repair in Therapy-Resistant Breast and Pancreatic Cancers”

Deanna Kelly
School of Medicine
“Analytical Micro-Devices for Mental Health Treatment Monitoring”

James Polli
Jean-Pierre Raufman
School of Pharmacy
“Compositions and Methods to Evaluate Hepatobiliary/Gastrointestinal Health, Enterohepatic Circulation, and Drug Interactions”