

FACULTY AWARDED PATENTS

Aiping Zhao

Terez Shea-Donohue
School of Medicine
“IL-25 Treatment of Obesity and Metabolic Disorders”

Aikaterini Kontrogianni-Konstantopoulos

Nicole Perry
Marey Shriver
Konstantinos Konstantopoulos
School of Medicine
“Giant Obscurins and Uses Thereof in Cancer Prognosis and Therapy”

Anindo Roy

Richard Macko
School of Medicine
“Method and Apparatus for Providing Deficit-Adjusted Adaptive Assistance During Movement Phases of an Impaired Joint”

Jeffrey S. Wolf

Amal Isaiah
School of Medicine
“Ultrasound Localization of Obstruction for Obstructive Sleep Apnea”

Richard B. Thompson

Imre Lengyel
School of Medicine
“Methods and Compositions for Detecting Drusen and Predicting Age-Related Macular Degeneration”

Joseph R. Lakowicz

Ramachandram Badugu
School of Medicine
“Tamm Structures for Enhanced Fluorescence Based Sensing, Imaging and Assays”

Wanli Smith

Fengtian Xue
Alexander MacKerell Jr.
School of Pharmacy
“LRRK2 GTP Binding Inhibitors for Treatment of Parkinson's Disease and Neuroinflammatory Disorders”

Hao Howard Zhang

Warren D'Souza
Nilesh Mistry
Hamid Ghaffari
School of Medicine
“System and Method for Irradiation Therapy Using Voxel Based Functional Measurements of Organs at Risk”

Vincent C.O. Njar

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

Vincent C.O. Njar

Puranik Purushottamachar
School of Medicine
“Nonsteroidal and Steroidal Compounds with Potent Androgen Receptor Down-Regulation and Anti Prostate Cancer Activity”

Lai-Xi Wang

School of Medicine
“Transglycosylation Activity of Glycosynthase Mutants of an Endo-B-N-Acetylglucosaminidase (ENDO-D) from Streptococcus Pneumoniae”

Alexander MacKerell Jr.

Fengtian Xue
Ari Melnick
Mariano Cardenas
Leandro Cerchiatti
School of Pharmacy
“Bcl-6 Inhibitors As Anticancer Agents”

Alexander MacKerell Jr.

Olgun Guvench
School of Pharmacy
“Method for Binding Site Identification by Molecular Dynamics Simulation (SILCS: Site Identification by Ligand Competitive Saturation)”

Curt I. Civin

Xiaochun Chen
Jennifer Fox
Michelle Rudek
Gary Posner
School of Medicine
“Treatment of Leukemia With Artemisinin Derivatives And Combinations With Other Antineoplastic Agents”

Lai-Xi Wang

Wei Huang
School of Medicine
“Chemoenzymatic Glycoengineering of Antibodies and Fc Fragments Thereof”

Dudley Strickland

Manuel Yepes
Daniel Lawrence
Enming Su
Ulf Eriksson
Linda Fredrikson
School of Medicine
“Methods and Compositions for Modulation of Blood-Neural Barrier”

Byong Yong Yi

Cedric Yu
Nilesh Mistry
Giovanni Lasio
School of Medicine
“Techniques for Suppression of Motion Artifacts in Medical Imaging”

Huakun Xu

Michael Weir
School of Dentistry
“Nanostructured Antibacterial and Remineralizing Dental Bonding Agents and Dental Bonding Systems”

Raphael Simon

Alan Cross
Sharon Tennant
School of Medicine
“Broad Spectrum Conjugate Vaccine to Prevent Klebsiella pneumoniae and Pseudomonas aeruginosa Infections”

Scott E. Strome

Dan Schulze
David Block
Henrik Olsen
School of Medicine
“Immunoglobulin Constant Region Fc Receptor Binding Agents”