TAPITMAT

2018 Awardees

“Anti-TNF-alpha therapy: A novel therapeutic approach to halt fibrosis in eosinophilic esophagitis”
Amanda Muir, MD, MTR, Asst. Professor of Pediatrics
Rick Assoian, PhD, Professor of Pharmacology

“Rational design of novel combination immunotherapies: enhancing the cytotoxic activity of chimeric antigen receptor T cells using the SMAC mimetic birinapant”
Marco Ruella, MD, Clinical Instructor, Immunotherapy and Hematology
Sara Cherry, PhD, Associate Professor of Microbiology
Meghan Wynosky, PhD, SRI, Pathobiology

“Developing novel immunotherapy for metastatic colorectal cancer”
Xianxin Hua, PhD, Professor of Cancer Biology
Christopher Lengner, PhD, Associate Professor of Biomedical Sciences

“Engineered Protein Oxygen Carriers for Emergency Care”
Carrie Sims, MD, PhD, Associate Professor of Surgery
Christopher Moser, PhD, Associate Director, Johnson Research Foundation

“Anatomic biomarkers of chronic kidney disease progression for children with congenital abnormalities of the kidney and urinary tract”
Yong Fan, PhD, MS, Asst. Professor of Radiology
Gregory Tasian, MD, MSCE, MSc, Asst. Professor of Urology and Epidemiology

“A novel gene therapy for Alzheimer’s disease”
Xiaolu Yang, PhD, MPhil, Professor of Cancer Biology
Virginia Lee, PhD, Professor of Pathology and Laboratory Medicine

2017 Awardees

“Base editing in utero to cure hereditary tyrosinemia”
Kiran Musunuru, MD, PhD, Assoc. Professor of Cardiovascular Medicine and Genetics
William Peranteau, MD, Asst. Professor of Surgery

“Unbiased identification of alpha-synuclein regulators in mouse primary and human cell lines using pooled CRISPR genome-wide knockout screens”
Ophir Shalem, PhD, Asst. Professor of Genetics
Kelvin Luk, PhD, MTR, Research Asst. Professor of Pathology and Laboratory Medicine

Robert Faryabi, PhD, Asst. Professor of Pathology
Golnaz Vahedi, PhD, Asst. Professor of Genetics
Warren Pear, MD, PhD, The Gaylord P. and Mary Louise Harnwell Professor of Path and Lab Medicine
“Developing small molecule allosteric agonists of glucagon-like peptide 1 receptor for diabetes therapy”
Xianxin Hua, MD, PhD, Professor of Cancer Biology

“A Novel Nanodialysis System for Cisplatin-induced Inner Ear Ototoxicity”
Daqing Li, MD, Professor and Attending Physician in Otolaryngology
Andrew Tsourkas, PhD, Professor of Bioengineering

2016 Awardees

“IL-19 as a mechanism of therapeutic resistance in pancreatic carcinoma”
Gregory Beatty, MD, PhD, Asst. Professor of Medicine
Eric Brown, PhD, Assoc. Professor of Cancer Biology

“Stabilized Fatty Acid Therapy in Alzheimer’s Disease”
Paul Axelsen, PhD, Professor of Systems Pharmacology and Translational Therapeutics
Kelly Jordan-Sciutto, PhD, Professor and Chair of Pathology

“Developing a novel therapy for a wide range of neurodegenerative diseases”
Xiaolu Yang, PhD, Professor of Cancer Biology
Kelvin Luk, PhD, MTR, Research Asst. Professor of Pathology and Laboratory Medicine

“Time to rise: wakefulness governed by insulin-like producing cells and metabolism in Drosophila”
Aalim Weljie, PhD, Research Asst. Professor of Systems Pharmacology and Translational Therapeutics
Amita Sehgal, PhD, John Herr Musser Professor of Neuroscience
Ravi Radhakrishnan, PhD, Professor of Bioengineering and Chemical Engineering

“IL15Ra suppression: a novel therapeutic approach for metabolic disorders associated with circadian dysfunction”
Tejvir Khurna, PhD, Professor of Physiology
Matthew Hayes, PhD, Asst. Professor of Psychiatry
Rexford Ahima, MD, PhD, Professor of Medicine
Georgios Paschos, PhD, Research Asst. Professor of Systems Pharmacology and Translational Therapeutics

“Identification and validation of antivirals active against Chikungunya virus”
Sara Cherry, PhD, Assoc. Professor of Microbiology
David Weiner, PhD, Professor of Pathology and Laboratory Medicine

“Evaluating novel regulation of autophagy in Inflammatory Bowel Disease patient enteroids”
Kathryn Hamilton, PhD, Research Associate, Gastroenterology
Judith Kelsen, MD, Asst. Professor of Pediatrics