

# 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

**“Mechanisms of Drug Resistant in T-ALL Using Single-cell Epigenomics”**

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