

TAPITMAT Awardees

2019 Awardees

“Early Microbiome as A Marker of Prematurity Endotypes”

Sagori Mukhopadhyay

“Antigen-Specific Immunosuppression of Myasthenia Gravis by Chimeric Antigen Receptor-Engineered Regulatory T Cells”

Jie Luo

“Optical Biomarkers for Neurodegeneration in Chronic Cerebrovascular Disease”

Michael Mullen

“Patient-Derived Models of The Esophageal-Gastric Junction to Investigate the Pathogenesis of Esophageal Cancer”

Sydney Shaffer

Amanda Muir

“Develop A Novel Gene Therapy to Treat Amyotrophic Lateral Sclerosis”

Xiaolu Yang

Virginia Lee

“Validation of Dyrk1a As A Novel Target in Kmt2a-R B-All”

Martin Carroll

2018 Awardees

“Immune Pathogenesis of Acquired Aplastic Anemia”

Daria Babushok

“A Nanoparticle Platform for In Utero Drug Delivery and Gene Editing to Cure Congenital Diseases”

William Peranteau

“Developing A Topical Stapled-Peptide Therapeutic for Treating Human Herpes Ocular Keratitis to Prevent Loss of Vision”

Robert Ricciardi

Vivian Lee

“T Cell Based Therapy to Target B Cells Within the Central Nervous System”

Jorge Alvarez

Vijay Bhoj

“Strategy to Safely Repopulate the Uninjured Host Liver with Engineered Hepatocytes”

Tobias Raabe

“Del-1 In (The) Prevention and Treatment of Acute Chest Syndrome”

Khalil Bdeir

2017 Awardees

“Anti-Tnf-Alpha Therapy: A Novel Therapeutic Approach to Halt Fibrosis In Eosinophilic Esophagitis”

Amanda Muir

Richard Assoian

“A Novel Gene Therapy for Alzheimer’s Disease”

Xiaolu Yang

Virginia Lee

“Anatomic Biomarkers of Chronic Kidney Disease Progression for Children with Congenital Abnormalities of The Kidney and Urinary Tract”

Yong Fan

“Rational Design of Novel Combination Immunotherapies: Enhancing the Cytotoxic Activity of Chimeric Antigen Receptor T Cells Using the Smac Mimetic Birinapant”

Marco Ruella

Meghan Wynosky

“Rational Design of Novel Combination Immunotherapies: Enhancing the Cytotoxic Activity Of Chimeric Antigen Receptor T Cells Using The Smac Mimetic Birinapant”

Marco Ruella

Sara Cherry

“Developing Novel Immunotherapy for Metastatic Colorectal Cancer”

Xianxin Hua

Christopher Lengner

“Engineered Protein Oxygen Carriers for Emergency Care”

Carrie Sims

Christopher Moser