KL2/CMeRIT AWARDEES 2018

KL2 Awardees

David Chung, MD, PhD (MGH)
Project Title: Mechanisms of neurocognitive decline after subarachnoid hemorrhage
Mentor: Cenk Ayata, MD, PhD (MGH)

Nicholaos Daskalakis, MD, PhD (McLean)
Project Title: Causal gene inference and functional validation in Posttraumatic Stress Disorder
Mentors: Kerry Ressler, MD, PhD and Manolis Kellis, PhD

Lindsay Fourman, MD (MGH)
Project Title: A Novel Hormononal Mechanism and Treatment Strategy for Cardiac Steatosis and Diastolic Dysfunction in HIV
Mentors: Steven Grinspoon, MD and Tomas Neilan, MD, MPH

Paulo Lizani, MD, PhD (BIDMC)
Project Title: Retinal Nerve Fiber Layer Thickness and Microvascular Density Abnormalities in Schizophrenia
Mentors: Matcheri Keshavan, MD and Patricia D’Amore, PhD, MBA

Brian Miller, MD (DFCI)
Project Title: Dissecting Mechanisms of Action and Acquired Resistance to Anti-PD-1 Therapy
Mentor: W. Nicholas Haining B.M., B.Ch and Margaret Shipp, MD

Michael T. Osborne, MD, PhD (MGH)
Project Title: The Effect of Mindfulness on Vascular Inflammation: A Multi-System PET/MRI Study
Mentors: Ahmed Tawakol, MD and Karestan Koenen, PhD

Daniel Schmidt, MD, PhD (BIDMC)
Project Title: Investigating the Metabolic Effects of Enzalutamide in Prostate Cancer
Mentors: Matthew Vander Heiden, MD, PhD and Steven Balk, MD, PhD

Kevin Wei, MD, PhD (BWH)
Project Title: NOTCH3 orchestrates tissue remodeling in rheumatoid arthritis
Mentors: Michael Brenner, MD and Soumya Raychaudhuri, MD, PhD
**CMerIT Awardees**

**Matthew Hemming, MD, PhD (DFCI)**  
Project Title: Exploring the sarcoma enhancer landscape to identify disease-specific vulnerabilities  
Mentors: Scott Armstrong, MD, PhD and George Demetri, MD

**Sanjat Kanjilal, MD, MPH (MGH)**  
Project Title: Optimizing Antibiotic Therapy with Machine Learning  
Mentor: David Hooper, MD and David Sontag, PhD

**Jacob Lazarus, MD, PhD (MGH)**  
Project Title: Defining bacterial pathways mediating inducible resistance to antibiotics  
Mentor: Matthew Waldor, MD, PhD

**Margaret Samules-Kalow, MD (MGH)**  
Project Title: Improving emergency department care for patients with health related social needs  
Mentor: Carlos Camargo, MD, DrPH

**Muthiah Vaduganathan, MD, MPH (BWH)**  
Project Title: Mechanistic Understanding of the Effects of Sodium-Glucose Co-Transporter 2 Inhibitors on Cardiac Fuel Metabolism in Heart Failure Using Cardiac Positron Emission Tomography Imaging  
Mentors: Scott Solomon, MD and Marcelo Di Carli, MD