

## Successful Applicants of the 2019 Health Sciences Internal Grant Competition

The Faculty of Health Sciences Research office and the Kingston General Health Research Institute are pleased to announce the following successful applicants of the 2019 Health Sciences Internal Grant Competition, made available from various sources from the Faculty of Health Sciences endowment funds, and bequests and donations made to the University Hospitals Kingston Foundation.

### **Pulmonary and Respiratory Research**

<i>William M. Spear Endowment Fund in Pulmonary Research Richard K. Start Memorial Fund (Faculty of Health Sciences)</i>		
PI(s)	Project Title	Amount
Ellis, Anne	Allergic Rhinitis Microbiome Study (ARMS): Investigating the nasal microbiome of allergic rhinitis using nasal allergen challenge	\$25,077
Lougheed, Diane	The Electronic Asthma Performance Indicator (e-API) Project: Implementation and Evaluation	\$25,259
Maurice, Donald H; Lima, Patricia D.A.	Uncovering Immunological Players of Pulmonary Hypertension: M2 macrophage metabolism driving vascular remodeling	\$25,290
O'Donnell, Denis E.	The Effect of Epoprostenol on Physiologic Dead Space in Patients with Mild Chronic Obstructive Pulmonary Disease	\$25,290
Ormiston, Mark	Targeting Interleukin-15 signaling for the treatment of pulmonary arterial hypertension	\$23,604
Rauh, Michael	Acquired mutations in aging blood cells as novel contributors to pulmonary arterial hypertension	\$24,514

### **Cardiovascular Research**

<i>Garfield Kelly Cardiovascular Research &amp; Development Fund (Faculty of Health Sciences)</i>		
PI(s)	Project Title	Amount
Johri, Amer; Sanfilippo, Anthony; Samir Hazra	Harnessing the Power of Artificial Intelligence and 3D Imaging for the Diagnosis of Cardiovascular Disease	\$20,500
Tranmer, Joan	Shift work, circadian disruption and cardiometabolic risk	\$18,373

## Neurological Sciences and Encephalitis Research

<i>Harry Botterell Foundation for Neurological Sciences</i> <i>Dr. James B. Howe Endowment Fund</i> <i>Violet E. Powell Endowed Funds</i> (Faculty of Health Sciences)		
PI(s)	Project Title	Amount
Badalato, Lauren; Grier, Liz	Cross-Departmental Study to evaluate the Rationale and Benefit of Genetic Assessment for adult patients with Intellectual and/or Developmental Disabilities (IDD) of unknown etiology	\$8,990
Basta, Sam	Antiviral responses of polarized Mø	\$11,500
Cook, Douglas (DJ)	Non-invasive metabolic imaging of minor traumatic brain injury	\$27,000

## Prostate Cancer Research

<i>Prostate Cancer Fight Foundation/TELUS Ride for Dad</i> <i>(Kingston-Quinte Chapter of the Ride for Dad and Big Rideau Watercraft Ride for Dad)</i> (University Hospitals Kingston Foundation)		
PI(s)	Project Title	Amount
Gee, Katrina	Testing novel IL-27-based therapies for prostate cancer	\$20,000

## Cancer Research

<i>Clare Nelson Bequest Fund</i> (University Hospitals Kingston Foundation)		
PI(s)	Project Title	Amount
Ethier, Josee-Lyne	Real world outcomes of bevacizumab for the treatment of advanced ovarian cancer in Ontario: A population-based study	\$16,723