**Successful Applicants of the   
2020 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 2020 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**

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| *William M. Spear Endowment Fund in Pulmonary Research*  *Richard K. Start Memorial Fund*  (Faculty of Health Sciences) | | |
| PI(s) | **Project Title** | **Amount** |
| Archer, Stephen | In Vivo Quantitative Assessment of Right Ventricular Structure, Function and Metabolism in Pulmonary Hypertension Using Gated microCT/PET/SPECT | $30,000 |
| Colpitts, Che | Novel treatment strategies for coronavirus-associated pneumonia | $29,100 |
| Digby, Geneviève | Characterizing regional variability in lung cancer outcomes across Ontario - a population-based analysis | $30,000 |
| Lougheed, M. Diane | Sensory-mechanical responses to mannitol in cough variant asthma and chronic cough | $30,000 |
| O’Donnell, Denis E. | Inhaled NO in Post-PE Syndrome | $30,000 |
| Ormiston, Mark | Peptide array screen for the generation of a receptor-biased form of bone morphogenetic protein 9 | $29,500 |

**Neurological Sciences and Encephalitis Research**

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| *Harry Botterell Foundation for Neurological Sciences Dr. James B. Howe Endowment Fund Violet E. Powell Endowed Funds*  (Faculty of Health Sciences) | | |
| PI(s) | **Project Title** | **Amount** |
| Gallivan, Jason and Levy, Ron | Functional neuroimaging-guided enhancement of deep brain stimulation therapy | $25,500 |
| Brietzke, Elisa and Soares, Claudio | Clinical, Cognitive and Biological Outcomes of Ketogenic Therapy in Major Depressive Disorder: a Multisite Double-Blind Randomized Controlled Trial | $24,500 |

**Cardiovascular Research**

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| *Garfield Kelly Cardiovascular Research & Development Fund*  (Faculty of Health Sciences) | | |
| PI(s) | **Project Title** | **Amount** |
| Maurice, Donald | Adaptive Hyperlocalised Signalling at the Endothelial Primary Cilia | $25,700 |

**Spinal Cord Research**

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| *Mark S. Lodge Fund in Spinal Cord Research)*  (Faculty of Health Sciences) | | |
| PI(s) | **Project Title** | **Amount** |
| Kawaja, Michael | Intraspinal grafts of olfactory ensheathing cell (OEC) matrices facilitate central axon regeneration in the injured spinal cords of adult rats | $13,500 |

**Cancer Research**

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| *Clare Nelson Bequest Fund*  (University Hospitals Kingston Foundation) | | |
| PI(s) | **Project Title** | **Amount** |
| Goldie, Katie | Immunotherapy Treatment for Patients with Non-Small Cell Lung Cancer | $27,420 |

**Pain Management**

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| *Women’s Giving Circle*  (University Hospitals Kingston Foundation) | | |
| PI(s) | **Project Title** | **Amount** |
| Jordan, Miller | Development and feasibility testing of an advanced practice physiotherapy role in chronic pain management | $53,163 |

**Prostate Cancer Research**

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| *Prostate Cancer Fight Foundation/TELUS Ride for Dad*  *(Kingston-Quinte Chapter of the Ride for Dad and Big Rideau Watercraft Ride for Dad)*  (University Hospitals Kingston Foundation) | | |
| PI(s) | **Project Title** | **Amount** |
| Decisions on the disbursements of research funds are postponed until the funding agency has a clear picture of the COVID 19 aftermath | | |