

2017 Fall Research Competition

The following grants have been awarded to support innovative basic science projects and studies aimed to improve the health and quality of life of CF patients and/or bridge the gap between research and clinical care.

Basic and Clinical Research Grants

Principal Investigator(s)	Institution	Project Title	Amount Funded	Term
Dr. Marcel Behr <i>2018 Robbie Awardee</i>	McGill University	Non-tuberculous mycobacteria in CF - new chemistries for old targets	\$259,700	2018 – 2021
Dr. Philip Britz-McKibbon	McMaster University	Metabolomics for improved screening and prognosis of cystic fibrosis infants: translation of new biomarkers for resolving diagnostic dilemmas	\$300,000	2018 – 2021
Dr. Jim Hu	The Hospital for Sick Children	Enhancing the efficiency of CRISPR-mediated gene correction for cystic fibrosis therapy	\$300,000	2018 – 2021
Dr. Juan Ianowski <i>2018 Senior Scientist Awardee</i>	University of Saskatchewan	CF airways fail to clear inhaled pathogens due to abnormal submucosal glands function and hyperactive Na ⁺ reabsorption	\$287,771	2018 – 2021
Dr. Paul Kubes	University of Calgary	Understanding the interplay between alveolar macrophages and <i>P. aeruginosa</i> in the cystic fibrosis lung	\$300,000	2018 – 2021
Dr. Francois Malouin	University of Sherbrooke	New antibiotic combination for MRSA and <i>Pseudomonas aeruginosa</i>	\$300,000	2018 – 2021

in cystic fibrosis				
Dr. Dao Nguyen	McGill University	Understanding host-pathogen interactions to improve eradication of initial <i>Pseudomonas aeruginosa</i> infections in CF	\$284,691	2018 – 2021
Dr. Keith Poole	Queen's University	Identification and targeting of CF lung-driven antimicrobial resistance in <i>P. aeruginosa</i>	\$299,955	2018 – 2021
Dr. Daniela Rotin	The Hospital for Sick Children	Use of lung organoids from CF patients to analyze response to ENaC inhibitors	\$299,984	2018 – 2021
Dr. Donald Sheppard	McGill University	Development of therapeutic agents for <i>Pseudomonas</i> and <i>Aspergillus</i> lung disease in cystic fibrosis	\$273,834	2018 – 2021
Dr. David Thomas & Dr. John Hanrahan <i>2018 Cathleen Morrison Research Impact Awardees</i>	McGill University	Increasing trafficking of F508del-CFTR: a rational approach	\$300,000	2018 – 2021

Early Career Investigator Award

Principal Investigator(s)	Institution	Project Title	Amount Funded	Term
Dr. Stephen Juvet <i>2018 Marsha Morton Early Career Investigator Awardee</i>	University Health Network	Control of the early-post-transplant immunological milieu to prevent lung allograft rejection	\$200,000	2018 – 2020