

## 2018 Fall Research Competition Results

### Basic Science and Clinical Research Grants

Principal Investigator	Project	Amount (2019 – 2022)
<b>Dr. Silvia Cardona</b> <i>University of Manitoba</i>	Finding novel antibiotics against <i>Burkholderia cepacia</i> complex by genome-wide fitness and machine learning	\$300,000
<b>Dr. Julie Forman-Kay</b> <i>The Hospital for Sick Children</i>	Structural insights into the phosphoregulatory elements of WT and mutant CFTR	\$300,000
<b>Dr. John Hanrahan</b> <i>McGill University</i>	Solute carrier 26 family transporters as therapeutic targets in CF	\$300,000
<b>Dr. Zongchao Jia</b> <i>Queen's University</i>	Inhibition of polyphosphate kinase in <i>P. aeruginosa</i> as a novel antimicrobial strategy for CF therapeutics	\$300,000
<b>Dr. Shaf Keshavjee</b> <i>University Health Network</i>	Novel combined anti-fibrotic and IL-10 gene therapy to prevent post-transplant chronic lung allograft dysfunction	\$300,000
<b>Dr. Gergely Lukacs</b> <i>McGill University</i>	CFTR domain folding and misfolding  <i>2019 Senior Scientist Awardee &amp; 2019 Cathleen Morrison Research Impact Awardee</i>	\$300,000
<b>Dr. Geneviève Mailhot</b> <i>CHU Sainte-Justine</i>	Towards establishing vitamin D as a nutritional therapeutic in cystic fibrosis intestinal disease	\$299,960
<b>Dr. Anne Stephenson</b> <i>St. Michael's Hospital</i>	International comparisons of clinical characteristics, health outcomes and survival between Canada, France, and Australia  <i>2019 Robbie Awardee</i>	\$255,194
<b>Dr. Lisa Strug</b> <i>The Hospital for Sick Children</i>	The genetic epidemiology of cystic fibrosis	\$300,000

## Early Career Investigator Award

Principal Investigator	Project	Amount (2019 – 2022)
<b>Dr. Jonathan Rayment</b> <i>University of British Columbia</i>	Antibiotic treatment of <i>Staphylococcus aureus</i> in stable patients with CF	\$148,800
<i>CIHR ICRH – CF Canada 2018 Early Career Investigator Awardee*</i>		

\*CIHR, Canadian Institutes of Health Research; ICRH, Institute of Circulatory and Respiratory Health

## Research Fellowship Award

Fellow	Supervisor	Project	Term
<b>Dr. Siobhan Turner</b> <i>The Hospital for Sick Children</i>	Dr. Lynne Howell	Characterization of a Pel-like exopolysaccharide and the biofilm matrix produced by the Gram-positive pathogen <i>Streptococcus intermedius</i>	2019 – 2021
<i>2019 Jennifer &amp; Robert Sturgess Fellow</i>			

## Doctoral and Master's Research Studentship Awards

Student	Supervisor	Project	Term
<b>Morgan Alford</b> <i>University of British Columbia</i>	Dr. Robert Hancock	Influence of carbon source and metabolism on antibiotic resistance and virulence of <i>Pseudomonas aeruginosa</i> during complex <i>in vivo</i> growth modes	2019 – 2021
<b>Brendan Murray</b> <i>University of Saskatchewan</i>	Dr. Juan Ianowski	Hyperactive ENaC in CFTR-/- swine distal airways	2019 – 2021
<b>Hilary Power</b> <i>University of Regina</i>	Dr. Kristi Wright	The development, acceptability, and utility of an internet-delivered mental health program for children and adolescents with cystic fibrosis	2019 – 2021