

WHERE WE INVESTED, 2017-2018




Alberta 	British Columbia 	Manitoba 	New Brunswick 	Newfoundland/Labrador 	Nova Scotia 	Ontario 	Québec 	Saskatchewan 
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RESEARCH FUNDING PROFILE

Order Based on Total Funding	Province	Principal Investigator	Project	Funding Period	Total Amount
1		Dr. Elizabeth Tullis St. Michael's Hospital, Toronto <i>Matched Funding program</i>	Cystic Fibrosis Canada Chair in Adult Cystic Fibrosis Research at St. Michael's Hospital, Toronto	2014 – 2018	\$500,001
2		Dr. Julie Forman-Kay The Hospital for Sick Children, Toronto	Studying the regulatory (R) region of the CFTR protein and its role in controlling ion balance in the cell.	2016 – 2019	\$373,782
3		Dr. Neil Sweezey The Hospital for Sick Children, Toronto	Narrowing the gender gap: Modulating estrogen / IL-17 signaling to control Th17 cells and neutrophil extracellular traps in the cystic fibrosis lung	2015 – 2018	\$372,925
4		Dr. Daniela Rotin The Hospital for Sick Children, Toronto	Kinase inhibitors as correctors of F508del-CFTR	2015 – 2018	\$372,015
5		Dr. Lisa Strug, The Hospital for Sick Children, Toronto	Understanding the genetic epidemiology of cystic fibrosis	2016 – 2019	\$361,713
6		Dr. Shaf Keshavjee Toronto General Hospital, Toronto	Tissue remodelling and the immune response in obliterative bronchiolitis after lung transplantation	2015 – 2018	\$358,966
7		Dr. Valerie Waters The Hospital for Sick Children, Toronto	Conducting a randomized controlled trial of prednisone in cystic fibrosis (CF) pulmonary exacerbations (PIPE Study)	2016 – 2019	\$356,419
8		Dr. John Hanrahan McGill University, Montreal	Role of bicarbonate and mucus in airway innate immunity	2015 – 2018	\$350,068
9		Dr. Jim Hu University of Toronto, Toronto	Permanent correction of CF lung disease via site-specific insertion of a human CFTR gene expression cassette into the genome of the airway epithelial progenitor cells	2015 – 2018	\$338,308
10		Dr. Christine Bear The Hospital for Sick Children, Toronto	Individualizing cystic fibrosis therapy	2016 – 2019	\$320,951
11		Dr. Nades Palaniyar The Hospital for Sick Children, Toronto	Improving CF lung disease through pH-mediated correction of immune functions of neutrophils	2016 – 2019	\$318,764
12		Dr. Valerie Chappe Dalhousie University, Halifax	Evaluating the neuropeptide VIP as a therapy to correct F508del-CFTR	2014-2017 (no cost ext.)	\$313,164
13		Dr. Emile Levy Université de Montréal, Montreal	Unraveling the role of microRNAs in intestinal cystic fibrosis disorders	2015 – 2018	\$301,344
14		Dr. Paul Linsdell Dalhousie University, Halifax	Conformational change opening and closing the CFTR channel	2017 – 2020	\$300,000

		2017 Senior Scientist Awardee 2017 Cathleen Morrison Impact Awardee			
15		Dr. Michael Parkins University of Calgary	A comprehensive longitudinal cohort study of infection transmission in cystic fibrosis (CF)	2017 – 2020	\$299,982
16		Dr. Charles Deber The Hospital for Sick Children, Toronto	Molecular basis of CF-causing mutations in CFTR	2017 – 2020	\$298,626
17		Dr. Rees Kassen University of Ottawa, Ottawa	Evolutionary genetics of chronic infection by <i>Pseudomonas aeruginosa</i> in the cystic fibrosis lung	2017 – 2020	\$297,895
18		Dr. David Heinrichs University of Western Ontario, London & Dr. Ronald Flannagan University of Western Ontario, London	Subversion strategies of MRSA in the macrophage	2017 – 2020	\$297,600
19		Dr. Gergely Lukacs McGill University, Montreal	Understanding the architecture of misfolded proteins to design structure-based therapies	2016 – 2019	\$293,646
20		Dr. Robert Young Simon Fraser University, Burnaby	Defining the molecular interactions and mapping the binding sites of CFTR "corrector" and "potentiator" drugs	2016 – 2019	\$292,161
21		Dr. Bradley Quon Centre for Heart Lung Innovation, Vancouver	PIPE-CF Biomarker Study	2017 – 2020	\$291,579
22		Dr. David Clarke University of Toronto, Toronto	Repair of CFTR defects caused by cystic fibrosis processing mutations	2015 – 2018	\$289,610
23		Dr. Justin Nodwell University of Toronto, Toronto & Dr. Marie Elliot McMaster University, Hamilton	Therapeutics for CF Pathogens	2017 – 2020	\$289,128
24		Dr. Francois Malouin University of Sherbrooke	Development of a combination therapy for MRSA and <i>Pseudomonas aeruginosa</i> in cystic fibrosis	2015 – 2018	\$287,480
25		Dr. Michael Surette McMaster University, Hamilton	Microbiology of Pulmonary Exacerbations	2017 – 2020	\$285,000
26		Dr. Brian Mark University of Manitoba, Winnipeg	Finding small molecules that manipulate the genetics of <i>P. aeruginosa</i> to make it sensitive to antibiotics	2014 – 2017 (no cost ext.)	\$284,125
27		Dr. Yossef Av-Gay University of British Columbia, Vancouver <i>2017 Robbie Awardee</i>	Targeting Intracellular and biofilm associated <i>Mycobacterium abscessus</i> for drug discovery	2017 – 2020	\$279,050
28		Dr. Robert Hancock The University of British Columbia, Vancouver	Understanding antibiotic-resistance and developing new therapies against <i>P. aeruginosa</i>	2016 – 2019	\$272,412
29		Dr. Basil Petrof McGill University, Montreal	Addressing Muscle Wasting in Cystic Fibrosis	2017 – 2020	\$270,468

30		Dr. Philip Britz-McKibbin McMaster University, Hamilton	Metabolomics for improved screening of cystic fibrosis: better diagnostics without carrier identification	2015 – 2018	\$268,613
31		Dr. Michael Murphy The University of British Columbia, Vancouver	Developing novel, target-specific therapeutics for the treatment of <i>Burkholderia cepacia</i> complex infections	2016 – 2019	\$268,098
32		Dr. Stuart Turvey The University of British Columbia, Vancouver	Discovery of new anti-inflammatory therapies for cystic fibrosis empowered by enhanced understanding of the mechanisms of lung-damaging inflammation	2015 – 2018	\$264,150
33		Dr. Simon Rousseau McGill University, Montreal	Unravelling the complexity of IL-6 signaling in CF lung disease	2016 – 2019	\$260,118
34		Dr. Felix Ratjen The Hospital for Sick Children, Toronto	Evaluating LCI to monitor treatment response for pulmonary exacerbations	2016 – 2019	\$257,264
35		Dr. Bradley Quon St. Paul's Hospital, Vancouver <i>Matched Funding program</i>	Cystic Fibrosis Canada/UBC Clinician Scientist at St. Paul's Hospital	2014 – 2017	\$250,000
36		Dr. Donald Sheppard McGill University, Montreal	Development of therapeutic agents for <i>Pseudomonas</i> and <i>Aspergillus</i> lung disease in cystic fibrosis	2015 – 2018	\$231,450
37		Dr. Genevieve Mailhot CHU Sainte-Justine Research Center, Montreal <i>Early Career Investigator Award</i>	Toward a better understanding of cystic fibrosis bone disease: Role of CFTR	2015 – 2017 (no cost ext.)	\$222,563
38		Dr. Juan Janowski University of Saskatchewan, Saskatoon	Testing whether mucus secretion is a normal airway response to bacteria in the CF pig	2014 – 2017 (no cost ext.)	\$222,327
39		Dr. Ryszard Grygorczyk University of Montreal	Understanding the regulation of mucin release and rheology in cystic fibrosis	2016 – 2019	\$213,231
40		Dr. Rémi Rabasa-Lhoret IRCM, Montreal	Studying the effect of soluble fiber to reduce post-prandial glycemic excursion in adults with CF	2016 – 2019	\$197,666
41		Dr. Zhenyu Cheng Dalhousie University, Halifax <i>Early Career Investigator Award</i>	Characterizing the antibiotic persistence mechanisms of <i>Pseudomonas aeruginosa</i>	2016 – 2018	\$196,680
42		Dr. Prashen Chelikani University of Manitoba	Role of chemosensory bitter taste receptors (T2Rs) in cystic fibrosis	2017 – 2019	\$196,000
43		Dr. Bryan Coburn University Health Network, Toronto <i>Early Career Investigator Award</i>	Personalized microbiology in cystic fibrosis pulmonary exacerbations: Assessing the pulmonary microbiota as a predictor of treatment response	2016 – 2018	\$166,977
44		Dr. Michael Parkins University of Calgary	A neglected pathogen: Understanding the role of <i>Enterobacteriaceae</i> in cystic fibrosis lung disease	2016 – 2018	\$137,506
45		Ms. Nancy Alarie and Dr. Larry Lands Research Institute of the McGill University Health Centre, Montreal	Effects of a partially supervised conditioning program in CF: an international multi-centre, randomized controlled trial (ACTIVATE-CF)	2014 – 2016 (no cost ext.)	\$136,230

46		Dr. Dao Nguyen McGill University, Montreal <i>Scholarship Award</i>	Airway epithelial cell inflammatory response to <i>P. aeruginosa</i> clinical isolates and biofilms	2016 – 2018	\$120,000
47		Dr. John Hanrahan McGill University, Montreal & Dr. Janet Rossant The Hospital for Sick Children, Toronto <i>CIHR partnership</i>	Induced pluripotent stem cells for identification of novel drug combinations targeting cystic fibrosis lung and liver disease	2016 – 2018	\$105,000
48		Dr. Lori West University of Alberta, Edmonton <i>CIHR partnership</i>	The Canadian National Transplant Research Program: Increasing Donation and Improving Transplantation Outcomes	2013 – 2017	\$100,000