














Basic Science and Clinical Research Grants

Research Priority	Principal Investigator	Project	Amount (2023–2026)
 Understand health issues for people living with CF aged 50+	Dr. Anne Stephenson St. Michael's Hospital <i>Cathleen Morrison Research Impact Award Recipient</i>	Getting older and wiser: the complexities of ageing with cystic fibrosis	\$300,000 Includes one year of funding from CIHR-ICRH
 Cure CF with gene or stem cell therapies	Dr. Lisa Strug The Hospital for Sick Children <i>Senior Scientist Research Award Recipient</i>	The genetic epidemiology of cystic fibrosis	\$300,000 Includes one year of funding from CIHR-ICRH
 Reduce the treatment burden	Dr. Igor Stagljar University of Toronto	Large-scale exploration and functional validation of the dynamic interactions of CFTR WT and mutant proteins with solute carrier transporters	\$297,000 Includes one year of funding from CIHR-ICRH
 Improve airway infection detection and treatment	Dr. Lindsay Eltis University of British Columbia <i>Highest ranking project in the basic science competition</i>	Targeting steroid catabolism in <i>Mycobacterium abscessus</i> for novel therapeutics	\$270,000 Co-funded by Cystic Fibrosis Trust

Basic Science and Clinical Research Grants (continued)

Research Priority	Principal Investigator	Project	Amount (2023–2026)
 <p>Eradicate chronic <i>Pseudomonas aeruginosa</i> infections</p>	<p>Dr. Zongchao Jia Queen's University</p>	<p>Investigation of <i>P. aeruginosa</i> polyphosphate kinases and their role in host cell infection for developing novel cystic fibrosis therapeutics</p>	<p>\$300,000</p>
 <p>Eradicate chronic <i>Pseudomonas aeruginosa</i> infections</p>  <p>Improve airway infection detection and treatment</p>	<p>Dr. Valerie Waters The Hospital for Sick Children</p>	<p><i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> interactions and antimicrobial tolerance in patients with cystic fibrosis</p>	<p>\$281,000</p>
 <p>Improve airway infection detection and treatment</p>  <p>Predict and prevent pulmonary exacerbations</p>	<p>Dr. Jonathan Dennis University of Alberta</p>	<p>Phage therapy for <i>Burkholderia</i> cystic fibrosis lung infection</p>	<p>\$100,000 (2023)</p>

Early Career Investigator Awards

Research Priority	Principal Investigator	Project	Amount (2023-2026)
 <p>Reduce the treatment burden</p>	<p>Dr. Sanja Stanojevic Dalhousie University</p>	<p>Beyond the numbers: Understanding disparities in the under-represented Canadian cystic fibrosis population</p>	<p>\$298,000 Co-funded by Research Nova Scotia</p>
 <p>Cure CF with gene or stem cell therapies</p>	<p>Dr. Amy Wong The Hospital for Sick Children <i>Marsha Morton Award Recipient</i></p>	<p>Bioengineering novel airway mimetics using human induced pluripotent stem cells for cystic fibrosis disease modeling and therapy discovery</p>	<p>\$300,000</p>
 <p>Cure CF with gene or stem cell therapies</p>	<p>Dr. Gagan Gupta Toronto Metropolitan University</p>	<p>Connecting CFTR interaction profiling and drug response in cellular models of the human airway</p>	<p>\$100,000 (2023)</p>
 <p>Reduce the treatment burden</p>			

Research Fellowship Award

Fellow	Supervisor	Project	Term
<p>Dr. Xiaojie Luan University of Saskatchewan <i>Jennifer and Robert Sturgess Fellowship Award Recipient</i></p>	<p>Dr. Juan Ianowski University of Saskatchewan</p>	<p>Beyond the numbers: Origins of cystic fibrosis lung disease: Miscoordination among ionocytes, secretory cells and airway submucosal glands</p>	<p>2023-2025 Includes funding from Saskatchewan Health Research Foundation</p>