

Glaucoma Research Society of Canada

APPROVED GRANTS FOR 2018

	Institution/location	Title of research project	Author(s) name(s)
1	University of Alberta, Edmonton, AB	Identification of the genetic basis of pigmentary glaucoma	Dr. Michael Walter
2	University of British Columbia, Vancouver, BC	Risk of Angle Closure Glaucoma with Serotonin Receptor Agonists in Migraine Patients	Dr. Mahyar Etminan Dr. Frederick Mikelberg Mr. Mohit Sodhi, MSc Candidate
3	Dalhousie University Halifax, NS	Dendritic retraction and associated physiological responses in retinal ganglion cells in experimental glaucoma	Dr. Francois Tremblay Dr. Balwantray Chauhan
4	Dalhousie University Halifax, NS	Evaluation of the Ability of Optic Coherence Tomography to Distinguish Glaucomatous from Ischemic Optic Neuropathy	Dr. Brennan Eadie Dr. Marcelo Nicolela
5	Kemrill Research Institute Toronto, ON University Health Network	Retinal ganglion cell neuroprotection in animal models of glaucoma	Dr. Michael Reber Dr. Jeremy Sivak
6	Krembil Research Institute Toronto, ON University Health Network	MNK1 as a novel neuroprotective target in RGC injury	Dr. Jeremy Sivak Alessandra Tuccitto
7	Krembil Research Institute Toronto, ON University Health Network	Assessment of RGMa antibodies that promote optic nerve regeneration in Glaucoma models	Dr. Philippe Monnier
8	Lawson Health Research Institute London, ON	Peri-operative NSAID Drops for Trabeculectomy Wound Management	Dr. Cindy Hutnik James J. Armstrong, MD/PhD Candidate UWO
9	Lawson Health Research Institute, London, ON	Development of a customizable prototype low vision device for patients with significantly restricted visual fields	Dr. Yogesh Patodia Dr. Alexander Mao Dr. Cindy Hutnik
10	Lawson Health Research Institute, London, ON	Mechanisms underlying excess matrix deposition in the trabecular meshwork in glaucoma	Dr. Sunil Parapuram

11	Maisonneuve Rosemont Hospital Research Centre Montreal, QC	Investigation of the relationship between ocular biomechanics and beta-peripapillary atrophy in glaucoma: A new hypothesis	Dr. Mark Lesk
12	McGill University Montreal, QC	Histopathological changes in the trabecular meshwork with an anterior and posterior chamber intraocular lens implant after cataract surgery	Christina Mastromonaco, PhD candidate Dr. Miguel N. Burnier, Jr. Dr. Nabil Saheb
13	McMaster University Hamilton, ON	Investigating MRTF-A as a novel anti-fibrotic target in trabecular meshwork cells for open angle glaucoma	Dr. Judith West-Mays
14	McMaster University Hamilton, ON	Development of a preference-based disease-specific health-related quality of life instrument for glaucoma	Dr. Ike Ahmed Dr. Feng Xie
15	Nova Scotia Health Authority Halifax, NS	Influence of Bruch's membrane opening area on the diagnostic performance of optical coherence tomography	Dr. Lucas A. Torres Dr. Balwantray Chauhan
16	Ottawa Hospital Research Institute Ottawa, ON	Enhancing retinal ganglion cell production for cell replacement therapy	Dr. Pierre Mattar
17	Providence St. Joseph's and St. Michael's Healthcare Toronto, ON	Is Cerebrospinal Fluid (CSF) Entry into the Optic Nerve Impaired in Glaucoma?	Dr. Neeru Gupta Dr. Yeni Yücel
18	Providence St. Joseph's and St. Michael's Healthcare, Toronto	Lymphatic drainage from the eye is altered in glaucoma?	Dr. Yeni Yücel Dr. Neeru Gupta
19	Sunnybrook Research Institute Toronto, ON	Corneal Endothelial Cell Loss after Trabeculectomy vs. Combined Trabeculectomy Phacoemulsification and IOL implantation	Dr. Ali Ahadian Dr. Hall chew Dr. Catherine Birt
20	University of Toronto Toronto, ON	Cost-related nonadherence with topical glaucoma medications among working age patients	Dr. Yaping Jin Dr. Yvonne Buys Dov Kagan