

**GLAUCOMA RESEARCH SOCIETY OF CANADA**

**2019 GRANTS**

	<b>Title of Research Project</b>	<b>Author(s) Name(s)</b>	<b>Location/University</b>
1	Dendritic retraction and associated physiological responses in retinal ganglion cells in experimental glaucoma	Dr. Francois Tremblay Dr. Balwantray C. Chauhan	Dalhousie University Halifax, NS
2	Development of a novel combinatorial treatment that allows for robust regeneration after optic nerve injury	Dr. Philippe Monnier	Krembil Research Institute, University Health Network Toronto, ON
3	MNK1 as a novel neuroprotective target in RGC Injury	Dr. Jeremy M. Sivak Alessandra Tuccitto	Krembil Research Institute, University Health Network Toronto, ON
4	Modeling glaucoma due to loss of <i>FOXC1</i> and <i>GMDS</i> function in zebrafish	Dr. Curtis R. French	Memorial University St. John's, NL
5	Asymmetry analysis of optical coherence tomography angiography images in glaucoma patients and healthy subjects	Dr. Corey Smith	Nova Scotia Health Authority
6	Enhancing retinal ganglion cell production for cell replacement therapy	Dr. Pierre Mattar	Ottawa Hospital Research Institute, Ottawa, ON
7	Comparative effectiveness of prostaglandin analogue therapy versus laser trabeculoplasty as initial glaucoma treatment	Dr. Robert Campbell Dr. Sherif R. El-Dfrawy Dr. Chaim M. Bell Dr. Sudeep S. Gill Dr. Michael A. Mclsaac	Queen's University Kingston, ON
8	The Role of a Water Channel Aquaporin-4, on Cerebrospinal Fluid (CSF) Flow into the Optic Nerve	Dr. Neeru Gupta Dr. Yeni Yucel	St. Michael's Hospital Toronto, ON
9	Do Adrenergic Glaucoma Drugs Affect Lymphatic Outflow from the Eye?	Dr. Neeru Gupta Dr. Yeni Yucel	St. Michael's Hospital Toronto, ON

10	Adverse Effects of Oral Carbonic Anhydrase Inhibitor Treatment for Elevated Intraocular Pressure: Matched longitudinal cohort design	Dr. Don Redelmeier Dr. Matthew Schlenker Dr. Vinay Kansai	Sunnybrook Research Institute Toronto, ON
11	Investigation of conserved non-coding elements of FOXC1 in patients with ocular dysgenesis and glaucoma	Dr. Michael A. Walter	University of Alberta Edmonton, AB
12	<u>Tgf-s</u> regulation of anterior segment formation	Dr. Andrew J. Waskiewicz	University of Alberta Edmonton, AB
13	Frequent visual field tests at home for robust detection of changes in visual fields of glaucoma patients	Dr. Moshe Eizenman	University of Toronto Toronto, ON
14	Diurnal Intraocular Pressure Fluctuations Pre and Post Subconjunctival MIGS Surgery	Dr. Iqbal Ike K. Ahmed Nick Andrew Taylor Lukasik	University of Toronto Toronto, ON