



Year Awarded	Researcher	Project	PARF Funding	Lab	Number of Years	Years Funded
2019	Dr. Brian MacVicar & Dr. Haakon Nygaard	Microglia's role in oxidative stress, a phenomenon that causes an over production of reactive oxygen radicals. Do microglia generate the oxygen radicals? How do these oxygen radicals damage nerve cells, and can it be prevented?	\$150,000	UBC	3	2019-2021
2019	Dr. Gordon A. Francis	The research goal is to understand how the harmful protein, amyloid beta, deposits in blood vessels of the brain, leading to dementia.	\$69,316	St. Paul's	3	2019-2021
2017	Dr. Dustin King	O-GlcNAc's role in protein stability. The results of this research will provide important insights into the basic molecular mechanisms governing O-GlcNAc deregulation in diseases including type II diabetes, Alzheimer disease and cancer.	\$50,750	SFU	4	2018-2021
2016	Dr. Haakon Nygaard	Chemical suppression of nonsense mutations for the treatment of frontotemporal dementia	\$225,000	UBC	6	2016-2021
2019	Dr. Cheryl Wellington & Dr. Haakon Nygaard	Grow functional human blood vessels using "tissue engineering" from Alzheimer disease patient cells. These disease-like vessels will be used to rapidly test questions about Alzheimer disease and assist in the development of therapeutics.	\$150,000	UBC	2	2019-2020
2017	Dr. Debra Sheets	Voices in Motion: An Intergenerational Community Choir to Support Social Inclusion and Quality of Life for Persons with Alzheimer's Disease and their Caregivers	\$119,130	Uvic	2	2018-2019



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2016	Dr. Arya Mehran	Neurally-produced estradiol enhances the neuroprotective actions of insulin	\$62,250	BCCH	3	2017-2019
2016	Dr. Holly Tuokko	The development of comparison standards for the cognitive measures employed in Canadian Longitudinal Study on Aging	\$119,950	Uvic	2	2017-2018
2015	Dr. Vedrana Cvetkovska	The Mechanism and Significance of the Synaptogenic Activity of Amyloid Precursor Protein	\$33,500	UBC	4	2015-2018
2015	Dr. Yun Zhang	Human Islet Amyloid Polypeptide Aggregation, the Missing Link Between Type 2 Diabetes and Alzheimer's Disease	\$62,250	UBC	4	2015-2018
2015	Dr. Sieun Lee	Are There Indicators of Alzheimer's Disease in the Eye?	\$62,250	SFU	4	2015-2018
2015	Dr. Brett Eyford	Assessment of melanotransferrin as an Alzheimer's disease biomarker	\$41,500	UBC	3	2015-2017
2015	Dr. Cindy Barha	Effect of aerobic exercise on cognitive decline and brain region volumes in older men and women with mild cognitive impairment	\$40,375	SFU	3	2015-2017
2015	Dr. Jasmin Hefendehl	Altered glutamate dynamics in a mouse model of Alzheimer's disease.	\$5,750	UBC	2	2015-2016
2014	Dr. Mirza Faisal Beg	Novel Retinal Biomarkers for Alzheimer Disease	\$250,000	SFU	3	2014-2016
2014	Dr. Neil Cashman	Targeting Amyloid Propagation in Alzheimer disease: Structures, Immunology and Extracellular Vesicle Topology	\$250,000	UBC	3	2014-2016
2014	Dr. James Johnson	Locally produced brain insulin in memory and Alzheimer's disease: A multi-disciplinary approach to a key question	\$175,000	UBC	3	2014-2016



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2014	Dr. Christian Naus	Validation of Connexins and Pannexins as a target for Alzheimer disease	\$250,000	UBC	3	2014-2016
2014	Dr. David Vocadlo	Preclinical development of a disease modifying small molecule therapy for Alzheimer disease.	\$250,000	SFU	3	2014-2016
2014	Dr. Marinko Sarunic	Non-invasive imaging of Alzheimer Disease Biomarkers in the Brain and Eye.	\$148,767	SFU	2	2014-2015
2014	Dr. James Johnson	Can the loss of brain-derived insulin cause Alzheimer Disease	\$150,000	UBC	2	2014-2015
2013	Dr. William Jia	Stress-related cytoplasmic TDP-43 aggregation	\$150,000	UBC	2	2013-2014
2013	Dr. Robin Hsiung	Characterization of Dementia due to mixed Alzheimer disease and Subcortical Vascular Pathology and Subcortical Vascular Pathology	\$150,000	UBC	2	2013-2014
2013	Dr. Cheryl Wellington	Revisiting the vascular contribution to Alzheimer disease	\$149,565	UBC	2	2013-2014
2012	Dr. Bryce Mulligan	Discriminating Between Clinically Normal Adults with and without SCI.	\$61,590	Uvic	3	2012-2014
2012	Dr. Dessa Sadovnick	Gene Discovery in Late-onset Alzheimer disease.	\$150,000	UBC	2	2012-2013
2006	Dr. A. Jon Stoessl	Overlap Syndromes Resulting in Dementia	\$5,758,738	UBC	5	2006-2010
2006	Dr. Edith and Dr. Patrick McGeer	Scientists doing leading-edge research providing essential services to other PARF funded projects	\$3,780,750	UBC	5	2006-2010
2008	Dr. Blair Leavitt	SV40 Antigen Transgenic Mice	\$160,000	UBC	2	2008-2009
2008	Dr. Jane Roskams	Is Neural Stem Cell..Present	\$160,000	UBC	2	2008-2009



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2008	Dr. Teresa Liu-Ambrose	Enhancing Cognition.	\$80,000	UBC	1	2008-2008
2006	Dr. Shernaz X. Bamji	The Role of β -caterin Stabilization in Synaptic Pathology of Alzheimer disease	\$224,457	UBC	3	2006-2008
2006	Dr. Mirza Faisal Beg	Improving Sensitivity of Early Detection via Multi-dimensional Analysis of Longitudinal MR Scans	\$240,000	SFU	3	2006-2008
2006	Dr. Max Cynader/Dr. William Jia	Progranulin and its potential for a neuroprotective role in Dementia	\$240,000	UBC	3	2006-2008
2006	Dr. Liisa Galea	Effects of estrogens on neurogenesis in the adult hippocampus in young and aged rodents	\$211,986	UBC	3	2006-2008
2006	Dr. James McLarnon	Pharmacological modulation of an activated microglia-perturbed vasculature model	\$231,075	UBC	3	2006-2008
2006	Dr. Christopher A. Shaw	Role of progranulin in brain function and neuroprotection	\$207,000	UBC	3	2006-2008
2006	Dr. Cheryl Wellington	The role of ABC cholesterol transporters in metabolism of amyloid precursor protein and ApoE	\$239,976	UBC	3	2006-2008