

NATIONAL RESEARCH PROGRAM AWARDS FOR 2011-2013 CYCLE

Granting period 1 July 2011 – 30 June 2013

| Researcher | Project Title | Institution | Amount Year 1 | Amount Year 2 | Total Award |
|--|---|--|---------------|---------------|------------------|
| Pilot Project Grants | | | | | |
| Dr. Silke Appel-Cresswell, Dr. Martin McKeown & Dr. Z. Jane Wang | Elucidating the mechanisms of apathy in Parkinson's disease | University of British Columbia | \$45,000 | N/A | \$45,000 |
| The Dany Royer Pilot Project Grant Dr. Francesca Cicchetti | Investigation of the impact of cellular and clinical potential of transcranial magnetic stimulation | Laval University | \$24,698 | N/A | \$24,698 |
| Dr. Rejean Dubuc | Changes in brainstem locomotor circuitry in a model of Parkinson's disease. | University of Montreal | \$45,000 | N/A | \$45,000 |
| Dr. Susan Fox | An 'N-of-1' study of the Histamine H2 Antagonist, Famotidine in Levodopa-Induced Dyskinesia in PD | Toronto Western Hospital, Movement Disorder Clinic | \$38,443 | N/A | \$38,443 |
| Dr. Kalle Gehring | Structural Studies of Parkin and PINK1 | McGill University | \$45,000 | N/A | \$45,000 |
| Dr. Lili Hazrati | Gene expression changes in the direct and indirect basal ganglia pathways in a mouse model of Parkinson's and L-DOPA-induced dyskinesia. | University of Toronto | \$45,000 | N/A | \$45,000 |
| Dr. Tim Kennedy & Dr. Abbas Sadikot | A Novel Mechanism Regulating Dopaminergic Neuronal Survival in Parkinson's Disease | Montreal Neurological Institute | \$45,000 | N/A | \$45,000 |
| Dr. Connie Marras | Environmental determinants of age at onset of Parkinson's disease in LRRK2 G2019S mutation carriers | Toronto Western Hospital, Movement Disorders Centre | \$45,000 | N/A | \$45,000 |
| Dr. Ronald Postuma & Dr. Catherine Fichten | Insomnia in Parkinson disease – Developing Pharmacologic and Non-Pharmacologic treatment | Montreal General Hospital | \$45,000 | N/A | \$45,000 |
| Dr. Anurag Tandon | Evaluation of PGC1 α expression to ameliorate PINK1-induced mitochondrial deficits | University of Toronto | \$45,000 | N/A | \$45,000 |
| Pilot Project Grant – Funded by Parkinson Society Southwestern Ontario | | | | | |
| Dr. Mandar Jog & Dr. Michael Katchabaw | Novel Virtual Reality based training program in Parkinson's disease | Lawson Health Research Institute | \$43,425 | N/A | \$43,425 |
| Pilot Project Grant – Funded by Parkinson Society Ottawa | | | | | |
| Dr. David Park | The role of AFG3L2 in Pink1 function | University of Ottawa | \$45,000 | N/A | \$45,000 |
| New Investigator Award | | | | | |
| Dr. Mario Masellis | Parkinson's-related dementia: A Pharmacogenomic Study of Cholinesterase Inhibitors Investigating Cognitive Benefit, Motor Worsening and Brain SPECT | Sunnybrook Health Sciences Centre | \$45,000 | \$45,000 | \$90,000 |
| Dr. Denis Soulet | Role of the inflammation in MPTP-induced dopaminergic cell degeneration in the myenteric plexus | Laval University | \$41,945 | \$41,945 | \$83,890 |
| Dr. Pershia Samadi | Opioid function in the control of movement in Parkinson's disease | Laval University | \$45,000 | \$45,000 | \$90,000 |
| Fellow | Project Title | Institution | Amount Year 1 | Amount Year 2 | Total Award |
| Basic Research Fellowships | | | | | |
| Dr. Paul Adams | To explore the role of Cav1.3 calcium channels in PD pathophysiology in order to optimize the use of calcium channel agonists for neuroprotection against Parkinson's disease | Johns Hopkins University | \$40,000 | \$40,000 | \$80,000 |
| Dr. Clinton McCracken | Therapeutic mechanisms of deep brain stimulation for Parkinson's disease | University of Calgary | \$50,000 | \$50,000 | \$100,000 |
| Clinical Movement Disorder Fellowship (1 Year) | | | | | |
| The Nora Fischer Clinical Movement Disorders Fellowship Dr. Barbara Connolly | A Clinical Fellowship in the diagnosis, management and treatment of Parkinson's disease | Toronto Western Hospital, Movement Disorder Centre | \$50,000 | N/A | \$50,000 |

| Clinical Research Fellowship | | | | | |
|---|---|--------------------------------------|----------------------|----------------------|--------------------|
| Dr. Silvia Juan G. Rios Romenets | Treatments for insomnia in patients with Parkinson's Disease | | \$50,000 | \$50,000 | \$100,000 |
| Student | Project Title | Institution | Amount Year 1 | Amount Year 2 | Total Award |
| Graduate Student Awards | | | | | |
| Mr. Guillaume Fortin | Role of co-release of glutamate in the survival of dopaminergic neurons | University of Montreal | \$15,000 | \$15,000 | \$30,000 |
| The Lawrason Foundation Graduate Student Award Ms. Yuko Koshimori | The role of fronto-striatal network in cognitive deficits in Parkinson's disease | Centre for Addiction & Mental Health | \$15,000 | \$15,000 | \$30,000 |
| Ms. Shababa Masoud | The effects of exogenous Parkinson's disease inducing toxicants on neuronal injury in genetically modified mice with increased intracellular dopamine | University of Toronto | \$15,000 | \$15,000 | \$30,000 |
| Mr. Vincent Martel Sauvageau | Effectiveness of magnetic stimulation of the brain on disorders of speech and language in Parkinson's disease | Université Laval | \$15,000 | \$15,000 | \$30,000 |
| Ms. Andrea Schreij | Exploring the functional role of a novel interaction between leucine-rich repeat kinase 2 and clathrin-light chain | Montreal Neurological Institute | \$15,000 | \$15,000 | \$30,000 |
| Mr. Guang Shi | Understanding how the mitochondrial rhomboid PARL impacts the PINK1 dependent Parkin mitochondrial recruitment and subsequent mitophagy | University of Toronto | \$15,000 | \$15,000 | \$30,000 |
| Ms. Sherri Thiele | Characterization of pathological striatal synaptic plasticity in a mouse model of L-DOPA induced dyskinesia | University of Toronto | \$15,000 | \$15,000 | \$30,000 |