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|  **BIOGRAPHICAL SKETCH**Provide the following information for the key personnel and other significant contributors.Follow this format for each person.  **DO NOT EXCEED FOUR PAGES.** |
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| NAMEFon, Edward A. | POSITION TITLEAssociate ProfessorNeurology & NeurosurgeryMcGill University |
| eRA COMMONS USER NAME |
| EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)* |
| INSTITUTION AND LOCATION | DEGREE | YEAR(s) | FIELD OF STUDY |
| Université de Montréal | MD | 1989 | Medicine |
| McGill University | FRCP(C) | 1994 | Neurology Residency |
| McGill University |  | 1995 | Neurogenetics Fellowship |
| University of California, San Francisco (UCSF) |  | 1999 | Postdoctoral training |

**Positions and Employment**

2013- Associate Director, Clinical & Translational Research, Montreal Neurological Institute

2008- Director, McGill Parkinson Program, Montreal Neurological Institute and Hospital

2008- Director, McGill National Parkinson Foundation Center of Excellence

2007- Associate Professor with tenure, Department of Neurology & Neurosurgery, McGill

1999- Attending Neurologist, Montreal Neurological Hospital

1999-2007 Assistant Professor, Department of Neurology & Neurosurgery, McGill

1995-1999 Clinical Instructor and Attending neurologist, Department of Neurology, UCSF

**Other Experience and Professional Memberships**

2012- Société de Parkinson’s du Québec – Board member

2011- CIHR – Neuroscience B Grant Review Committee

2010- FRQ-S - Chercheurs Boursiers Senior Awards Panel

2009- Editorial Board, Journal of Biological Chemistry

2009- Parkinson’s Society of Canada – Chair, Scientific Advisory Board

2005-2008 CIHR – Neuroscience B Grant Review Committee

2005 National Parkinson’s Foundation (USA) – Scientific Advisory Board (*Ad Hoc*)

2004-2009 Parkinson’s Society of Canada – Scientific Advisory Board

2004- Parkinson’s Society of Canada – Research Policy Committee

2003-2005 Alberta Heritage Foundation for Medical Research - Clinical Investigator Panel

2003 Michael J. Fox Foundation - “Fast-Track 2003” Grant Review Panel

**Honors and Awards**

2011 FRQ-S Chercheur National

2008 FRSQ Chercheur-Boursier (Senior)

2007 MNI Killam Scholar

2005 EJLB Foundation Scholar

2003 Prix de Jeune Chercheur Blaise Pascal de l’Ecole Normale Supérieure, France

2003 CIHR Clinician-Scientist Award (Phase II - Renewal)

1994 Chief Neurology Resident, Montreal Neurological Institute, McGill University

1989 *Mosby Award* for excellence (Ranked 2nd), final year of Medical School, U. de Montréal

1989 *Appleton-Lange Award* in Internal Medicine, final year of Medical School, U. de Montréal

**Peer-reviewed publications.** (**Selected** from a total of 46- Trainees indicated by \*)

1. Bertolin G, Ferrando-Miguel R, Jacoupy M, Traver S, Grenier K\*, Greene AW\*, Dauphin A, Waharte F, Bayot A, Salamero J, Lombès A, Bulteau AL, **Fon EA**, Brice A, Corti O. The TOMM machinery is a molecular switch in PINK1 and PARK2/PARKIN-dependent mitochondrial clearance. ***Autophagy***. 2013 Sep 5;9(11). [Epub ahead of print]
2. Grenier K\*, McLelland GL\*, Fon EA. Parkin- and PINK1-Dependent Mitophagy in Neurons: Will the Real Pathway Please Stand Up? ***Front Neurol.*** 2013 Jul 19;4:100.
3. Trempe J-F\*#, Sauvé#, V, Grenier K\*, Seirafi, M, Tang MY\*, Ménade M, Krett J\*, Wong K, Kozlov G, Nagar B, **Fon EA§**, Gehring K§. Structure of parkin reveals mechanism of ubiquitin ligase activation. ***Science***. 2013 340(6139):1451-5. #Co-first authors; §co-corresponding authors.
4. Grimes D et al. Canadian Neurological Sciences Federation. Canadian Guidelines on Parkinson's Disease. ***Can J Neurol Sci***. 2012 Jul;39 (4 Suppl 4):S1-30
5. Klionsky DJ et al. Guidelines for the use and interpretation of assays for monitoring autophagy. ***Autophagy***. 2012 Apr;8(4):445-544
6. Greene AW\*, Grenier K\*, Aguileta MA\*, Muise S\* Farazi R, Haque ME, McBride HM, Park DS, **Fon EA**. Mitochondrial Processing Peptidase Regulates PINK1 Processing, Import and Parkin Recruitment. ***EMBO Rep.*** 2012; 13(4):378-85
7. Soubannier V, McLelland GL\*, ZuninoR, Braschi E, Rippstein P,**Fon EA**, McBride HM. A novel vesicular transport pathway shuttles cargo from mitochondria to lysosomes. ***Curr. Biol.***2012; 22(2):135-41
8. Durcan TM\*, Kontogiannea M\*, Bedard N, Wing SS, **Fon EA**. Ataxin-3 deubiquitination is coupled to parkin ubiquitination via the E2 ubiquitin-conjugating enzyme. ***J. Biol. Chem***.2012; 287(1):531-41
9. Durcan TM\*, Kontogiannea M\*, Thorarinsdottir T\*, Fallon L\*, Williams AJ, Djarmati A, Fantaneanu T\*, Paulson HL, **Fon EA**. The Machado-Joseph Disease-Associated Mutant form of Ataxin-3 Regulates Parkin Ubiquitination and Stability. ***Hum. Mol. Genet.*** 2011;20(1):141-4
10. Trempe JF, Chen CXQ\*, Grenier K\*, Camacho EM, Kozlov G, McPherson PS, Gehring K§, **Fon EA§**.SH3 Domains from a Subset of BAR-Proteins Define a Novel Ubl-Binding Domain and Implicate Parkin in Synaptic Ubiquitination. ***Mol. Cell*** 2009; 36(6):1034-7; §co-corresponding authors
11. Cookson MR, Dauer W, Dawson TM, **Fon EA**, Guo M, Shen J. The roles of kinases in familial Parkinson’s disease. ***J. Neurosci.*** 2007; 27(44):11865-8
12. Joch M\*, Ase AR, Chen CXQ\*, MacDonald PA\*, Kontogiannea M\*, Corera AT\*, Brice A, Séguéla P, **Fon EA**. Parkin-Mediated Monoubiquitination of the PDZ Protein PICK1 Regulates ASIC Channel Activity. ***Mol. Biol. Cell.*** 2007; 18(8):3105-18
13. Fallon L\*, Bélanger CML\*, Corera AT\*, Kontogiannea M\*, Regan-Klapisz E, Moreau F\*, Voortman J, Haber M\*, Rouleau G\*, Thorarinsdottir T\*, Brice A, van Bergen en Henegouwen P, **Fon EA**. A Regulated Interaction with the UIM-protein Eps15 Implicates Parkin in EGF Receptor Trafficking and PI3K-Akt Signaling. ***Nat. Cell Biol.*** *2006; 8(8):834-42*
14. Kalia SK, Lee S, Liu L, Crocker SJ, Thorarinsdottir TE\*, Smith PD, Glover JR, **Fon EA**, Park DS, Lozano AM. BAG5 inhibits parkin and enhances dopaminergic neuron degeneration. ***Neuron*** 2004; 44(6):931-45