

平成 17 年度

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### 1. 研修先およびテーマ

研修先: Centre for Addiction and Mental Health, PET Centre, Toronto, Canada; University of Toronto, Toronto, Canada (2006.5 – 2009.5)

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主なテーマ: 高齢統合失調症患者の薬物療法

### 2. 受賞

2007 International College of Geriatric Psychopharmacology (ICGP), Junior Investigator Award

2008 The 34th Harvey Stancer Research Day, Best presentation by a fellow award

2009 American Association for Geriatric Psychiatry, the Barry Lebowitz Early Career Scientist Award

2009 The Society of Biological Psychiatry, Travel Scholarship

2009 The Fourteenth Annual Research Colloquium for Junior Investigators, Fellowship Award

### 3. 論文発表

1. Rajji T, Mulsant BH, Uchida H, Mamo D. Use of Atypical Antipsychotic Medications in Late-Life. *Geriatrics and Aging* 10: 578-587; 2007

2. Mamo D, Uchida H, Vitcu I, Barsoum P, Gendron A, Goldstein A, Kapur S. Quetiapine Sustained Release versus Immediate Release Formulations: A PET study. *Journal of Clinical Psychiatry* 69: 81-86; 2008

3. Uchida H, Suzuki T, Mamo D, Mulsant BH, Tanabe A, Inagaki A, Watanabe K, Yagi G, Tomita M. Effect of age on dosing of prescribed antipsychotic drugs in schizophrenia spectrum disorders: a survey of 1,418 patients in Japan. *American Journal of Geriatric Psychiatry* 16: 584-593; 2008

4. Uchida H, Mamo DC, Kapur S, Labelle A, Shammi C, Mannaert EJ, Mann SW, Remington G. Dopamine D2 Receptor Occupancy and Once-monthly Administration of Long-Acting Injectable Risperidone: A PET study. *Journal of Clinical Psychiatry* 69:

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5. Uchida H, Kapur S, Mulsant BH, Graff-Guerrero A, Pollock BG, Mamo DC. Sensitivity of Older People to Antipsychotic Motor Side Effects: A PET Study Examining Potential Mechanisms. *American Journal of Geriatric Psychiatry* 17: 255-263; 2009.
6. Uchida H, Suzuki T, Mamo DC, Mulsant BH, Kikuchi T, Takeuchi H, Tomita M, Watanabe K, Yagi G, Kashima H. Benzodiazepine and Antidepressant Use in Older Patients with Anxiety Disorders: A Survey of 796 Outpatients in Japan. *Journal of Anxiety Disorders* 23: 477-481; 2009.
7. Uchida H, Mamo D, Mulsant BH, Pollock BG, Kapur S. Increased Sensitivity to Antipsychotics in the Elderly – Evidence and Mechanisms. *Journal of Clinical Psychiatry* 70: 397-405; 2009.
8. Uchida H, Suzuki T, Mamo DC, Mulsant BH, Tsunoda K, Takeuchi H, Kikuchi T, Nakajima S, Nomura K, Tomita M, Watanabe K, Kashima H. A Survey of Benzodiazepine and Antidepressant Use in Outpatients with Mood Disorders in Japan. *Psychiatry and Clinical Neuroscience* 63: 244-246; 2009.
9. Uchida H, Graff-Guerrero A, Mulsant BH, Pollock BG, Mamo DC. Long-term Stability of Measuring D<sub>2</sub> receptors in Medicated Patients with Schizophrenia. *Schizophr Res* 109: 130-133; 2009.
10. Ng W, \*Uchida H, Ismail Z, Mamo DC, Rajji TK, Remington G, Sproule B, Pollock BG, Mulsant BH, Bies RR. Clozapine Exposure and the Impact of Smoking and Gender: A Population Pharmacokinetic Study Therapeutic Drug Monitoring 31: 360-366; 2009.

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11. Chow TW, Mamo DC, Uchida H, Houle S, Smith GS, Pollock BG, Mulsant BH. Test-Retest Variability of High Resolution Positron Emission Tomography (PET) Imaging of Cortical Serotonin (5HT<sub>2A</sub>) Receptors in Older, Healthy Adults. *BMC Medical Imaging* (in press)
12. Uchida H, Pollock BG, Bies RR, Mamo DC. Predicting Age-Specific Dosing of Antipsychotics. *Clin Pharmacol Therapeutics* (in press)
13. Uchida H, Mamo DC. Dosing of Antipsychotics in Schizophrenia across the Life-Spectrum. *Prog Neuropsychopharmacol Biol Psychiatry* (in press)

14. Uchida H, Rajji TK, Mulsant BH, Kapur S, Pollock BG, Graff-Guerrero A, Menon M, Mamo DC. D<sub>2</sub> Receptor Blockade by Risperidone Correlates with Attention Deficits in Late-Life Schizophrenia. *J Clin Psychopharmacol* (in press)
  15. Sproule B, Lake J, Mamo DC, Uchida H, Mulsant BH. Are Antipsychotic Prescribing Patterns Different in Older Adults?: A survey of 1,357 Patients in Toronto. *Can J Psychiatry* (in press)
- (Submitted manuscripts)
16. Uchida H, Suzuki T, Takeuchi H, Arenovich T, Mamo DC. Low Dose vs. Standard Dose of Antipsychotics for Relapse Prevention in Schizophrenia: A Systematic Review and Meta-analysis of Randomized Controlled Trials.
  17. Uchida H, Mulsant BH, Graff-Guerrero A, Pollock BG, Mamo DC. Predicting the Lowest Effective Antipsychotic Dose in Older Patients with Schizophrenia: A Positron Emission Tomography Study.
  18. Uchida H, Chow TW, Mamo DC, Kapur S, Mulsant BH, Smith GS, Houle S, Pollock BG, Graff-Guerrero A. Effects of Gender and Aging on Cortical 5-HT<sub>2A</sub> Receptor Binding in Healthy Adults.
  19. Rajji TK, Uchida H, Ismail Z, Ng W, Mamo DC, Remington G, Sproule B, Pollock BG, Mulsant BH. Norclozapine Exposure and Cognitive Function
- (Manuscripts in preparation)
20. Ismail Z, Uchida H, Ng W, Mamo DC, Rajji TK, Remington G, Sproule B, Pollock BG, Mulsant BH, Bies RR. Clozapine Exposure and Aging: A Population Pharmacokinetic Study