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Huntington's disease : hypothalamic, endocrine and metabolic aspects

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LIST OF PUBLICATIONS

Marked papers (♦) are included in this thesis.

1. Aziz NA, Aziz MI. (2006). Losing weight by defecating at night. *Medical Hypotheses*. 67(4): 989.¹
- ♦ 2. Aziz NA, Swaab DF, Pijl H, Roos RA. (2007). Hypothalamic dysfunction and neuroendocrine and metabolic alterations in Huntington's disease: clinical consequences and therapeutic implications. *Rev Neurosci*. 18(3-4):223-251.
3. Roos RA, Aziz NA (2007). Hypocretin-1 and secondary signs in Huntington's disease. *Parkinsonism Rel Disorders*. 13: S387-S390.
- ♦ 4. Aziz NA, Fronczek R, Maat-Schieman MA, Unmehopa U, Roelandse F, Overeem S, van Duinen S, Lammers GJ, Swaab DF, Roos RA. (2008). Hypocretin and Melanin-Concentrating Hormone in Patients with Huntington Disease. *Brain Pathol*. 18(4): 474-483.
- ♦ 5. Aziz NA, Van der Burg JM, Landwehrmeyer GB, Brundin P, Stijnen T, EHDI Study Group; Roos RA (2008). Weight loss in Huntington's disease increases with higher CAG repeat number. *Neurology*. 71(19): 1506-1513.²
6. Aziz NA, Van der Marck MA, Olde Rikkert MGM, Pijl H, Bloem BR, Roos RA (2008). "Gewichtsverlies bij neurodegeneratieve aandoeningen.". *Tijdschr Neurol Neurochir*. 109;5:192-9.
7. Aziz NA, Van Belzen MJ, Roos RA (2008). Intergenerational CAG repeat instability is highly heritable in Huntington's disease. *J Med Genet*. 45: 766.
8. Aziz NA, Van der Marck MA, Olde Rikkert MGM, Pijl H, Bloem BR, Roos RA (2008). Weight loss in neurodegenerative disorders. *J Neurol*. 255(12):1872-80.
9. Aziz NA, Roos RA (2009). Huntington CAG repeat size does not modify onset age in familial Parkinson's disease: The GenePD study. *Mov Disord*. 24(8):1253.
- ♦ 10. Aziz NA, Pijl H, Frölich M, Van der Graaf AW, Roelfsema F, Roos RA (2009). Increased activity of the hypothalamic-pituitary-adrenal axis in early-stage Huntington's disease patients. *J Clinical Endocrinol Metab*. 94(4):1223-8.
11. Aziz NA, Van der Burg JM, Landwehrmeyer GB, Brundin P, Stijnen T, Roos RA (2009). RE: Weight loss in Huntington's disease increases with higher CAG repeat number. *Neurology*. 73(7):572.
12. Aziz NA, Roelfsema F, Frölich M, Roos RA, Pijl H (2009). A strategy for finding the optimal deconvolution estimates for hormone secretory kinetics using AutoDecon. *Anal. Biochem*. 391(1):69-71.
- ♦ 13. Aziz NA, Pijl H, Frölich M, Van der Graaf AW, Roelfsema F, Roos RA (2009). Leptin secretion rate increases with higher CAG repeat number in Huntington's disease patients. *Clin Endocrinol (Oxf)*. (accepted)

1 Selected in the Top 100 of the most appealing hypotheses in the history of the journal of 'Medical Hypotheses' (Dobson R (2007). *Death can be cured and 99 other Medical Hypotheses*. Cyan Books, Saffron Hill, London, UK).

2 Selected as the article of the month by the European Huntington's Disease Network for the March 2009 issue of the newsletter.

- ◆ 14. Aziz NA, Pijl H, Frölich M, Schröder-van der Elst JP, van der Bent C, Roelfsema F, Roos RA. Delayed onset of the diurnal melatonin rise in patients with Huntington's disease (2009). *J Neurol*. 256:1961–1965.¹
- ◆ 15. Aziz NA, Jurgens CK, Landwehermeyer GB on behalf of the EHDN Registry Study Group, Van Roon-Mom WM, Van Ommen GJ, Stijnen T, Roos RA (2009). Normal and mutant *HTT* interact to affect clinical severity and progression in Huntington's disease. *Neurology*. 73(16): 1280-5.²
- ◆ 16. Aziz NA, Pijl H, Frölich M, Schröder-van der Elst JP, van der Bent C, Roelfsema F, Roos RA. Growth hormone and ghrelin secretion are associated with clinical severity in Huntington's disease. *Eur J Neurol* (accepted)
- ◆ 17. Aziz NA, Anguelova GV, Marinus J, Van Dijk JG, Roos RA. Autonomic symptoms in patients and premanifest mutation carriers of Huntington's disease. *Eur J Neurol* (accepted)
- ◆ 18. Aziz NA, Pijl H, Frölich M, Snel M, Streefland T, Roelfsema F, Roos RA. Systemic energy homeostasis in Huntington's disease patients. *J Neurol Neurosurg Psychiatry* (accepted)
- ◆ 19. Aziz NA, Anguelova GV, Marinus J, Lammers GJ, Roos RA. Sleep and circadian rhythm alterations correlate with depression and cognitive impairment in Huntington's disease. *Parkinsonism Rel Disorders* (accepted)
- ◆ 20. Aziz NA, Pijl H, Frölich M, Roelfsema F, Roos RA. Altered thyrotropic and lactotropic axes regulation in Huntington's disease. *Clin Endocrinol (Oxf)*. (in revision)

Book chapters:

1. Aziz NA, Vogel J (2005). "Reactieprocessen, aandacht en energetiek". In: *Cognitie, of hoe het brein werkt*: 81-93. Leiden University, Leiden, The Netherlands.
2. Nijs S, Aziz NA (2005). "Een instinct voor taal?". In: *Cognitie, of hoe het brein werkt*: 107-118. Leiden University, Leiden, The Netherlands.
3. Aziz NA, Van der Burg JM, Pijl H, Roos RA (2009). Huntington's disease and metabolic abnormalities: lessons from mice and men. In: *Treatment Strategies – EASD 2009 Review*: 32-39. The Cambridge Research Centre Ltd, United Kingdom.

1 Selected as the article of the month by the European Huntington's Disease Network for the September 2009 issue of the newsletter.

2 Editorial in *Neurology*; 2009,73(16):1254-5. Comment in: Faculty of 1000 Medicine, <http://www.f1000medicine.com/article/id/1166378/evaluation>. Selected as the article of the month by the European Huntington's Disease Network for the October 2009 issue of the newsletter.