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Finally, it is done and the four years of research has come to an end. This point, however, was not reached without hard work. Nor did I make it here alone. Many people have had a special contributing role in the making of this thesis and I wish to show my respect for their support and thank them.

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LIST OF PUBLICATIONS (FULL PAPERS)


Auvinen HE, Coomans CP, Boon MR, Romijn JA, Biermasz NR, Meijer OC, Havekes LM, Smit JWA, Rensen PCN, Pereira AM. Glucocorticoid excess induces long-lasting changes in body composition in male C57Bl/6J mice only in the presence of high fat diet. Submitted


de Leeuw van Weenen JE, Auvinen HE, Parlevliet ET, Coomans CP, Schröder-van der Elst JP, Meijer OC, Pijl H. Blocking dopamine D2 receptors by haloperidol curtails the beneficial impact of calorie restriction on the metabolic phenotype of high-fat diet induced obese mice. Journal of Neuroendocrinology 2011; 23: 158-67

CURRICULUM VITAE

Hanna Elina Auvinen was born on 24th of July 1980 in Tampere, Finland. Year 1999 she graduated from art gymnasium (Tammerkosken lukio) in Tampere. Year 2004 she started her biomedicine (biomedicin) studies in Karolinska Institut in Stockholm, Sweden. During these studies, she spent spring term 2006 in Leiden University as an exchange student. Summer 2007 she worked in the Department of Immunology and Pharmacology in Tampere University to construct a stably transfected cell line for mouse iNOS-promotor. She returned again to Leiden to Leiden/Amsterdam Center for Drug Research to conduct her master thesis project titled “Cannabinoid Receptor 1 Expression in the Rat Brain Under Different Conditions of Glucocorticoid Exposure” under the supervision of dr. A.M. Pereira. She graduated from Karolinska Institut with a degree of Master of Medical Science with a Major in Biomedicine (Biomedicine Magister Exam) in the spring 2008. After obtaining her master degree she started her PhD research under the supervision of dr. A.M. Pereira in the Department of Endocrinology and Metabolic Diseases in the Leiden University Medical Center. Her PhD research, results of which are presented in this thesis, was completed in August 2012. Since then she has returned to Finland.