

Chapter 8

Appendix

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Authors' Affiliations

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Kasiphak Kaikaew

Publications in this Thesis

Kaikaew K, Steenbergen J, Themmen APN, Visser JA, Grefhorst A. Sex difference in thermal preference of adult mice does not depend on presence of the gonads. *Biol Sex Differ*. 2017;**8**(1):24.

Kaikaew K, van den Beukel JC, Neggers S, Themmen APN, Visser JA, Grefhorst A. Sex difference in cold perception and shivering onset upon gradual cold exposure. *J Therm Biol*. 2018;**77**:137–144.

Kaikaew K, Steenbergen J, van Dijk TH, Grefhorst A, Visser JA. Sex Difference in Corticosterone-Induced Insulin Resistance in Mice. *Endocrinology*. 2019;**160**(10):2367–2387.

Manuscripts in this Thesis

Kaikaew K, Grefhorst A, Steenbergen J, Swagemakers SMA, McLuskey A, Visser JA. Sex Difference in the Mouse BAT Transcriptome Reveals a Role of Progesterone in BAT Function. *Submitted*

Kaikaew K, Grefhorst A, van der Lelij AJ, Visser JA. Sex Difference in Adipose Tissue Biology: Gonadal and Adrenal Steroid Perspectives. *Manuscript in preparation*

Publications not in this Thesis

Kaikaew K. Paracetamol Poisoning: Review of Pathophysiology and Management. *Thai J Gastroenterol*. 2014;**15**(2):110–113.

Tasing P, Kulaputana O, Sanguanrungrasirikul S, **Kaikaew K**. Effects of Precooling with Cold Water Ingestion on Thermoregulatory Response of Obese Men during Moderate Intensity Exercise in Hot and Humid Environment. *J Med Assoc Thai*. 2016;**99**(2):197–205.

PhD Portfolio

PhD student:	Kasiphak Kaikaew
Erasmus MC department:	Internal Medicine
Research school:	Molecular Medicine
PhD period:	April 2015 – January 2020
Promotor:	Prof. dr. Aart J. van der Lelij
Co-promotors:	Dr. ir. Jenny A. Visser Dr. Aldo Grefhorst

Training / Activities	Year	Workload (ECTS)
Courses and Workshops		
Laboratory Animal Science (Utrecht University)	2015	3.0
Introduction in GraphPad Prism	2015	0.3
Annual Course on Molecular Medicine	2016	0.7
Biostatistical Methods I: Basic Principles Part A (NIHES, CC02A)	2016	2.0
6 th Course and Workshop Basic and Translational Endocrinology	2016	1.0
Biomedical Research Techniques XV	2016	1.5
Research Integrity	2017	0.3
Biomedical English Writing and Communication	2017	3.0
Course on R	2017	1.8
Microscopic Image Analysis from Theory to Practice	2018	0.8
Ensembl Browser Workshop	2018	0.6
Workshop on NCBI, PubMed & other open source software	2018	1.0
Conferences (Presentations and Participation)		
Endo Retreat (Newark/Athens/Rotterdam/Copenhagen/Paris) 2015, Rotterdam, Netherlands (attending)	2015	1.0
Chulalongkorn/Erasmus International Symposium 2015: Nephrology, Dermatology, Endocrinology and Immunology, Bangkok, Thailand (attending)	2015	1.0
Wetenschapsdagen (Science Days) 2016, Antwerp, Belgium <i>Corticosterone reduces glucose uptake in brown adipose tissue via GLUT4 expression and translocation</i> (oral presentation)	2016	1.0
Dutch Endocrine Meeting 2016, Noordwijkerhout, the Netherlands <i>Corticosterone disturbs glucose uptake in brown adipose tissue via GLUT4 translocation</i> (oral presentation)	2016	1.0
20 th Molecular Medicine Day 2016, Rotterdam, the Netherlands <i>Corticosterone disturbs glucose uptake in brown adipose tissue via GLUT4 translocation</i> (poster presentation)	2016	0.3
3 rd JNVE conference, Leiden, the Netherlands <i>Sex difference in thermal preference in adult mice is not affected by gonadectomy</i> (oral presentation)	2016	1.0

Training / Activities	Year	Workload (ECTS)
Wetenschapsdagen (Science Days) 2017, Antwerp, Belgium <i>Sex difference in thermal preference in adult mice is not affected by gonadectomy</i> (poster presentation)	2017	1.0
Dutch Endocrine Meeting 2017, Noordwijkerhout, the Netherlands <i>Tissue-specific effects of corticosterone on glucose homeostasis in male mice</i> (oral presentation)	2017	1.0
Adipocyte-Brain Crosstalk Symposium, Lübeck, Germany <i>Sex difference in thermal preference in adult mice is not affected by gonadectomy</i> (poster presentation)	2017	1.0
Sex and Gender Factors Affecting Metabolic Homeostasis, Diabetes and Obesity (Keystone Symposium), Tahoe City, California, USA <i>Sex difference in thermal preference in adult mice is not affected by gonadectomy</i> (poster presentation)	2017	1.0
ENDO 2017, Orlando, Florida, USA <i>Tissue-specific effects of corticosterone on glucose homeostasis in male mice</i> (poster and short oral presentation)	2017	1.0
4 th JNVE conference, Leiden, the Netherlands <i>While women feel cold, men may not</i> (oral presentation)	2017	1.0
10 th NRRN (Nuclear Receptor Research Network) meeting, Leuven, Belgium (attending)	2017	1.0
Wetenschapsdagen (Science Days) 2018, Antwerp, Belgium <i>While women feel cold, men may not</i> (oral presentation)	2018	1.0
Dutch Endocrine Meeting 2018, Noordwijkerhout, the Netherlands <i>While women feel cold, men may not</i> (oral presentation)	2018	1.0
Erasmus/Ohio Collaborative Activities in Endocrinology, Rotterdam, the Netherlands (attending)	2018	0.3
22 nd Molecular Medicine Day 2018, Rotterdam, the Netherlands <i>While women feel cold, men may not</i> (poster presentation)	2018	0.3
20 th European Congress of Endocrinology (ECE) 2018, Barcelona, Spain <i>Sex differences in glucocorticoid-induced metabolic disturbances in mice</i> (poster presentation)	2018	1.0
Wetenschapsdagen (Science Days) 2019, Sint-Michielsgestel, the Netherlands <i>Dose-dependent effect of progesterone on T37i brown adipocyte differentiation</i> (poster presentation)	2019	1.0
Dutch Endocrine Meeting 2019, Noordwijkerhout, the Netherlands <i>Dose-dependent effect of progesterone on T37i brown adipocyte differentiation</i> (oral presentation)	2019	1.0
23 rd Molecular Medicine Day 2019, Rotterdam, the Netherlands <i>Dose-dependent effect of progesterone on T37i brown adipocyte differentiation</i> (poster presentation)	2019	0.3
Early Career Forum and ENDO 2019, New Orleans, Louisiana, USA <i>Dose-dependent effect of progesterone on T37i brown adipocyte differentiation</i> (poster presentation)	2019	1.0
Wetenschapsdagen (Science Days) 2020, Sint-Michielsgestel, the Netherlands (attending)	2020	1.0

Training / Activities	Year	Workload (ECTS)
Seminars and Work Discussion		
Sex and Gender Differences in Metabolism (COEUR)	2015	0.2
Internal Medicine Research Symposium (June, September)	2016	0.4
Internal Medicine Research Symposium (April, June, September)	2017	0.6
Internal Medicine Research Symposium (April, June, September)	2018	0.6
Internal Medicine Research Symposium (April, June)	2019	0.4
Lecture Series on Endocrinology	2015–2019	1.6
Endocrinology & Internal Medicine Work Discussion	2015–2019	3.6
Centrum Gezond Gewicht (Obesity Clinic CGG) lab meeting	2016–2019	1.7
Teaching and Supervision		
Supervision Junior Med School (JMS) students 2015	2015	2.0
Supervision Junior Med School (JMS) students 2016	2016	2.0
Supervision Junior Med School (JMS) students 2017	2017	2.0
Grants and Awards		
Erasmus Trustfonds for ENDO 2017	2017	
ESE Basic Science Meeting Grant (The European Society of Endocrinology)	2018	
EndoCareers Travel Awards (The Endocrine Society)	2019	
Erasmus Trustfonds for ENDO 2019	2019	

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About the Author

Kasiphak Kaikaew was born on 19 February 1988 in Kanchanaburi, Thailand. In 2006, he graduated from Triam Udom Suksa School in Bangkok and started his medical training at the Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand. During his medical study in 2010, he was elected a president of the Student Union of the Faculty of Medicine, Chulalongkorn University and obtained the award of Excellence in intellect, manner, extracurricular activity dedication, and collaboration to the university. He obtained the Doctor of Medicine Degree (2nd Class Honours) from Chulalongkorn University and the Thai Medical License in 2012. After graduation, he finished the one-year clinical internship at Hua Hin Hospital and Thap Sakae Hospital in Prachuap Khiri Khan and started working as an academic teaching assistant at the Department of Physiology, Faculty of Medicine, Chulalongkorn University and as a general practitioner at King Chulalongkorn Memorial Hospital in Bangkok. Since 2014, he has become an academic lecturer at Department of Physiology, Faculty of Medicine, Chulalongkorn University. In 2015, he obtained a doctoral scholarship from the Faculty of Medicine, Chulalongkorn University to start his PhD project entitled “Control of brown adipose tissue function by brain, temperature, and sexes” at the Laboratory Metabolism and Reproduction, Section of Endocrinology, Department of Internal Medicine, Erasmus MC, under supervision of Prof.dr.ir. A.P.N. Themmen (initially), Dr.ir. J.A. Visser, Dr. Aldo Grefhorst, and Prof.dr. A.J. van der Lelij. The results of his research are presented in this thesis entitled “Sex Differences in the Control of Adipose Tissue Function”. After graduation, he is going to continue his career as an academic lecturer and researcher at the Department of Physiology, Faculty of Medicine, Chulalongkorn University.

