Name: Suzanne Lee Dickson
Born: 18 April 1966, Edinburgh, UK

Address: Department of Physiology/Endocrinology,
Institute of Neuroscience and Physiology,
The Sahlgrenska Academy at the University of Gothenburg,
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Personal: Married to Professor John-Olov Jansson MD PhD
One son (born 2003) and one daughter (born 2005)
Maternity leave (November 2003-April 2004 and June 2005-January 2006)

Education

1971-1984	St Margaret's School for Girls, Edinburgh, UK. 9 "O" Grade Certificates and 6 Higher Grade Certificates.
1984-1988	BSc (Honours) in Pharmacology. University of Edinburgh, UK.
1989-1993	PhD (Cantab) in Neuroendocrinology. University of Cambridge, UK. Neural control of growth hormone secretion. Supervisor: Professor Gareth Leng

Scientific Career

1993-1994	Higher Scientific Officer, The Babraham Institute, Cambridge, UK.
1994-1996	Lecturer in Anatomy, King's College London, UK. Tenured.
1999-2001	Visiting Professor, Dept Internal Medicine, Sahlgrenska University Hospital, Sweden.
1996-2004	Lecturer then Senior Lecturer in Physiology. The University of Cambridge, UK. Tenured.
1996-2004	Fellow of Peterhouse, Cambridge, UK. Tenured.
2004-	Professor of Physiology/Neuroendocrinology, The Sahlgrenska Academy at the University of Gothenburg. Tenured.
2015-	Honorary Professor in Biomedical Sciences, The University of Edinburgh, UK.

Indications of Esteem

Editorial and Scientific Boards (Journals/Books)

Deputy Editor-in-Chief:	Journal of Neuroendocrinology - Clinical and Translational (2020) Neuroscience Applied (2021-)
Associate Editor:	Frontiers in Endocrinology/Neuroendocrine Science (2021-) Neuroendocrinology (2014-2020) Frontiers in Nutrition (2014-2018)
Book Editor:	Masterclass in Neuroendocrinology: Neuroendocrinology of Appetite
Editorial Board:	Neuroendocrinology (1994-2020)

Journal of Neuroendocrinology (2015-),
American Journal of Physiology-Regulatory, Integrative and Comparative Physiology (2015-),
Physiological Reports (2013-),
Neuroendocrinology (1997-2020),
Endocrinology (2016-2020),
Neuroendocrine Science (2021-)
Neuropharmacology (2021-)

Special Issue (Editor): International Journal of Molecular Sciences: Neurobiological perspectives on ghrelin (2017)
Neuroscience: Neuroscience of appetite, metabolism and obesity (2019)

Scientific Boards

European College for Neuropsychopharmacology (ECNP):
- Secretary (2019-)
- Member of the Executive Committee ECNP (2016-)
- Chair of the Workshop Committee for Early Career Scientists in Europe (2020-2022) and committee member (2014-)
- Member of the Taskforce for Networks and TWGs (2017-)
- Founder of the ECNP Nutrition Network, including Chair (2017-2020) and co-chair (2020-)
- Member of the Scientific Advisory Panel (2017-2019)
- Member of the Women in Science Panel (2019-)

Society for the Study of Ingestive Behaviour:
- Member of the Executive Committee (2016-2019)
- Member of the Programme Committee of SSIB (2018-2020)

International Neuroendocrine Federation
- Chair of the Programme Committee for the International Congress of Neuroendocrinology 2022 (ICN2022, Gasgow)
- Member of the IFN council (2016-)

European Brain Council
- Member of the Board (2020-)
- Founder and co-chair of BRAINFOOD, an EBRA (European Brain Research Area) cluster

Federation of European Neuroscience Societies (FENS)
- Member of the Board (2020-)

Grant and Administrative Boards (International, National, Local)

Co-chair (2021-) and member (2017-) of the MH12 (Mental Health) pannel for the Swedish Research Council (Vetenskapsrådet)
Member of the Sahlgrenska Academy Board (the executive medical faculty board) at the University of Gothenburg (2015-2018)
Member of the Horizon 2020 Swedish workgroup for health (2017-)
Member of the Core Facility committee at Gothenburg University (2016-)
Member of the PhD examinations committee at Gothenburg University (2016-)
EC panel member for referring Framework 7 and Horizon2020 grants (2014-, ad hoc).
Ad-hoc reviewer for many European grants (in UK, France, Denmark, Norway and Estonia).

Other responsible Positions held

Coordinator (Head)	3 EC integrated Projects in the 5th (GHS & Aging, 1.1 M€), 6th (DIABESITY, 11.7 M€) and 7th Framework Programmes (NeuroFAST, 6 M€).
Company founder	Chief Scientific Officer (Abunon), founded 2009.

Fernström Prize for Young Investigators 2006. For research on the role and actions of ghrelin signalling substances. This is a prestigious national Swedish Prize for research.

Bibliography (Web of Science, ISI):
H-index 52 at age 55. Time cited 11,837. Over 200 articles. 24 articles have been cited over 100 times.
(note that Google Scholars indicates an H-index of 61)

GRANTS

Current Research Grants (*denotes that I am the primary applicant)

- *FOU/ALF Gothenburg. 2018-2021. ALFGBG-723681. 750,000 SEK/year for 4 years.
- *Hjärnfonden. 2019-2020. Food cues and the hunger hormone ghrelin can provide new targets for obesity treatment. 600,000 SEK/year for 2 years (FO2019-0086)
- *Novonordisk Fonden. 2020-2021. Deciphering food cue- and ghrelin-responsive neurons that cause over-eating. NNF19OC0056694. 1,000,000 DKR/yr for 2 years.
- Swedish Research Council for Medicine (2019-2021). Towards identification of the neurons that make us obese. 2018-02588. 800,000 SEK/year for 3 years. Co-applicant.
- *Swedish Research Council for Medicine (2020-2122). Deciphering cue- and ghrelin-responsive neurons that cause over-eating. 2019-01051. 800,000 SEK/year for 3 years.
- Hjärnfonden (2022-2023). Search for and Trapping down hunger neurons. 600 SEK/yr for 2 years.

Former Research Grants

Fou/ALF Gothenburg

- *The role of the central ghrelin signalling system in food reward, food anticipation and mood. Ref ALFGBG25701. 2009-2010. 455,000 SEK/year.
- *The role of stomach-derived ghrelin in the regulation of fat mass. Ref ALFGBG5028. 2006-2008. 540,000 SEK/year.
- *FOU/ALF Gothenburg. The central ghrelin signalling system: a clinical and therapeutic target for problematic over-eating that leads to obesity. Ref ALFGBG138741. 2011-2013. 575,000 SEK/year for 3 years.

European commission

- *EC 5th Framework grant "Growth hormone secretagogues in aging" (1999-2002). I was the Coordinator of this grant that had 5 European partners. The grant was rated number 1 out of 211 applications. (€1,02 M€ = 9,6 MSEK).
- *EC 7th Framework Grant "NeuroFAST" (2009-2014). I was the Coordinator of this Integrated Project, that had 14 European partners. Grant reference: FP7-KBBE-2009-3-245009. (6 M€ over 5 years).
- *EC 6th Framework grant "DIABESITY" (2004-2008). I was the Coordinator (Project Head) of this Integrated Project. Novel drug targets for obesity and type 2 diabetes. 27 European Partners

including 4 small companies. Largest EC grant awarded in the area of chronic disease (with the exception of cancer). (€11,7 M€= 110,6 MSEK).

- EC 7th Framework grant "EurOCHIP" (2009-2113). I was one of 7 Partners, coordinated from the University of Cambridge, investigating gut-brain signalling in energy balance regulation. (I received 85,000 € per year for 5 years).
- EC 7th Framework grant "Full4Health" (2011-2015). I was one of 13 Partners, coordinated from The University of Aberdeen, investigating gut-brain signalling in energy balance regulation. (I received around 70,000 € per year for 5 years).
- EC 7th Framework grant "Nudge-it" (2014-2019). I am one of 9 Partners, coordinated from Edinburgh, investigating the NeuroBiology of Food choice. I receive around €300 K€/year for 5 years.

Swedish Research Council (Medicine)

- *Cross-talk between peripheral tissues and the hypothalamus for the control of appetite, body weight and metabolism. 2003-2005. Ref 2002-5641. 312,000 SEK/year.
- *Impact of ghrelin on the CNS pathways regulating energy balance and associated behaviours. 2007-2009. Ref 2006-5663. 550,000 SEK/year.
- *Mechanisms underlying ghrelin's effects on appetite, reward and mood. 2010-2012. Ref 2009-5266. 600,000 SEK/year.
- * The endocrine gut-brain reward axis as a possible target for new drug therapy. 2012-2015. Ref 2012-1758. 950,000 SEK/year.
- *Swedish Research Council for Medicine (2017-2019). Gut-brain signalling for dietary control. Grant number: 2016-02195. 700,000 SEK/year for 3 years.

NovoNordisk Fonden

- *Impact of ghrelin on the CNS pathways regulating energy balance and reward-seeking behaviour. 2007. 187,500 SEK.
- *Effect of total ghrelin knockout or gastrectomy on expression of hypothalamic genes involved in energy balance. 2006. 187,500 SEK.
- * Central actions of the adipokines resistin and adiponectin. 2005. 125,000 SEK.
- *Novonordisk Fonden. 2018. Neural mechanism involved in loss of dietary control. NNF17OC0027206. 400,000 DKR for 1 year.

Hjärnfonden

- *Hjärnfonden. 2018. The neurobiology underpinning loss of dietary control. FO2017-0180. 500,000 SEK for 1 year. Also 500,000 SEK for 1 year more (FO2018-0262).

Grants received University of Cambridge (Lectureship) and Kings College London (Lectureship)

- *Medical Research Council, UK (1995). Site and mechanism of action of growth hormone secretagogues. (£65,000 = 885,000 SEK)
- *MRC Project grant (1995-1998). Neural control of growth hormone secretion. (£164,000 = 2,230,000 SEK)
- *Novo Nordisk (1997-2000). Long term actions of growth hormone secretagogues. Principal investigator. £95,000 = 1,292,000 SEK)

- *Pfizer Inc, USA (1998-1999). Interactions of growth hormone secretagogues with the hypothalamic circuits controlling body weight. Principal investigator. (£168,800 = 2,296,000 SEK)
- *MRC Career Establishment Grant (1999-2004). Hypothalamic circuits controlling body weight. Principal investigator. 5 years. I also won a competitive Prize for ~£45,000 for equipment. (£378,900 = 5,154,000 SEK).
- British Heart Foundation (2002-2005). Programming of appetite by nutrition in early life. Co-applicant with Prof N Hales, Cambridge University. £138,990 = 1,891,000 SEK).
- Wellcome Trust Integrative Animal and Human Physiology (2001-2006). The Cambridge/ Oxford Integrative Physiology Consortium for the Study of Common Metabolic Disease. I am a co-applicant on this grant co-ordinated by Professor Steve O'Rahilly, Cambridge University. (£5 million = 68,016,000 SEK).
- *Swedish Foundation for International Co-operative Research (1999-2000). 2 year grant. Long term studies of growth hormone secretagogues. (340,000 SEK).

Invited Speaker at International Conferences (*denotes plenary or keynote lecture)

1994	Serono Symposium on Growth Hormone-Releasing Peptides (Florida, USA).
1997	Serono Symosium on Growth Hormone-Releasing Peptides (Florida, USA).
1997	European Conference for Brain Research (Paris, France).
1998	26th International Symposium, GH and Growth Factors in Endocrinology and Metabolism (Palma de Mallorca, Spain).
1999-2002	Swedish Post-graduate Course in Endocrinology, Marstrand.
1999	Novo Nordisk Norditropin Launch Symposium (Copenhagen, Denmark)
2000	Third International Symposium on growth hormone secretagogues (Colorado, USA).
2002	Foundation Ipsen: Brain somatic cross-talk and the control of metabolism (Paris, France).
2002	International Congress of Neuroendocrinology (Bristol, UK)
2002	Italian Society of Neuroscience (Como, Italy).
2004	5th International GHS Symposium (Portofino, Italy)
2004	International Symposium on Growth Hormone (Santiago de Compostela, Spain)
2006	First International Workshop on Animal Models of Weight Loss Surgery. (Boston, USA)
2007	Drug development for Obesity. Controlling appetite through circulating hormones: Ghrelin (London, UK).
2009	First Swiss Winter Ingestion Conference (St Moritz, Switzerland)
2009	8th Dutch Endo-Neuro-Psycho meeting. (Doorwerth, Netherlands).
2009	*International Symposium on Ghrelin. The central ghrelin signalling system in alcohol reward, food reward and mood.
2010	Gothia Forums mötesplats för kliniska forskare.
2010	14th International Congress of Endocrinology (Kyoto, Japan)
2010	International Congress of Obesity (ICO2010, Stockholm, Sweden)
2010	Stockholm Obesity Days (National meeting, Stockholm)
2010	2010 ISBRA World Congress / 13-16 September. (Paris, France)
2011	International symposium on IGF-1, GH and ghrelin/GHS. (Florida, USA).
2011	Third Swiss Winter Ingestion Conference (St Moritz, Switzerland)
2011	European Group for the Study of Insulin Resistance (Geneva, Switzerland).
2011	Postgraduate Endocrine Course (Marstand, Sweden)
2011	EASO Björntorp Symposium (Gothenburg, Sweden)
2011	24th ECNP Congress (Paris, France).

2011 Nutrition Society Winter Meeting (London, UK)
2012 *Federation of European Physiological Societies (Santiago de Compostella, Spain).
2012 *National Institute for Drug Abuse (New Orleans, USA)
2012 European Neuroendocrine Association (Vienna, Austria)
2013 British Endocrine Society (Harrogate, UK)
2013 International Union of Physiological Societies (Birmingham, UK)
2014 Swiss Winter Ingestion Conference (St Moritz, Switzerland)
2014 International Congress of Obesity (Sofia, Bulgaria)
2014 International Congress of Neuroendocrinology (Sydney, Australia)
2016 New Frontiers in Obesity Research (Cordoba, Spain)
2016 Society for the Study of Ingestive Behaviour (Porto, Portugal)
2016 British Neuroendocrine Meeting (Glasgow, UK)
2017 Japanese Endocrine Society (Kyoto, Japan)
2017 *International Symposium on ghrelin and energy metabolism homeostasis (Kyoto, Japan)
2017 Keystone Symposium: Neural Control of Appetite, Metabolism and Weight (Copenhagen, Denmark).
2017 Neurobiology of Obesity Symposium (Aberdeen, UK).
2018 European Congress for Obesity (Vienna, Austria).
2018 International ghrelin symposium (Toronto, Canada).
2018 *RegPep2018. Plenary speaker (Acapulco, Mexico).
2019 EBPS (Braga, Portugal)
2019 School for Advanced Neuroscience, Organiser and speaker (Venice, Italy).
2020 Turkish Neuroendocrine Society (Online conference)
2021 ECNP: Annual conference (Lisbon, Portugal)

Meeting Organization (examples)

2007 NCVC Symposium on Cardiovascular Science, Tokyo, Japan. I introduced Swedish King to this meeting.
2011 24th ECNP Congress. Paris, France. Programme committee.
2013 26th ECNP, Barcelona, Spain. Programme committee.
2014 27th ECNP, Berlin, Germany. Programme committee.
2015 European Society for Obesity, Gothenburg Sweden. Programme Committee
2015- Annual meetings of the ECNP workshop (on board for this annual meeting)
2018 31st ECNP, Barcelona, Spain. Programme committee. Also session proposer and chair.
2018 Europhysiology, London. Session proposer and chair.
2018 International ghrelin symposium, Toronto, Canada. Organiser.
2018 ECO2018, Vienna. Session proposer and chair.
2019 Chair and Organiser of the Neuroscience School of Advanced Studies - a one-week course on the Gut-brain axis. San Servolo, Venice, Italy.
2021 Chair and symposium proposer for the Scandinavian Physiological Society Annual Meeting, Stockholm
2022 Chair of the Programme Committee of the International Neuroendocrine Federation meeting to be held in Glasgow in 2022 (with up to 1000 deligates).

Departmental seminars (2005- record incomplete)

2004 Dept Pharmacology at the University of Dundee.

2005 Swedish delegation on "Life Style related Diseases" (2 seminars at Japanese research departments).

2006 Wallenberg Lab, University of Gothenburg – Lunch seminar series.

2007 Wallenberg lab, University of Gothenburg, Seminars in metabolic and cardiovascular research.

2008 Dept. of Rheumatology and inflammation research, The Sahlgrenska Academy, lunch seminar.

2008 Dept Nutrition, The Sahlgrenska Academy, Lunch seminar

2008 AstraZeneca Manchester, UK. Research seminar.

2008 University of Edinburgh, UK. Research seminar

2008 Gothenburg Medical Society (GLS), Evening seminar.

2007 Dept Physiology, University of Occupational and Environmental Health, Yahatanishi-ku, Kitakyushu, Japan

2010 Dept Pharmacology, University of Copenhagen

2010 AeternaZentaris, Frankfurt. Research seminar

2011 Dept Psychiatry, University of Gothenburg. Research Seminar.

2011 University of Lille. Research seminar.

2014 Dept Clinical Nutrition, The Sahlgrenska Academy, Lunch seminar

2016 University of Utrecht Medical School

2016 University of Edinburgh Biomedical Sciences

2017 INSERM, Center for Neuroscience and Psychiatry, Paris

2018 University of Copenhagen

Supervisor for PhD students:

- Dr Sabrina Lall "Long and short term regulation of body composition by growth hormone secretagogues". Thesis awarded 2000, University of Cambridge.
- Dr Loraine Tung, "Control of energy balance by circulating factors". Thesis awarded 2002, University of Cambridge.
- Dr Emil Egecioglu, "Role of ghrelin in energy balance and reward". Thesis Awarded 2007, University of Gothenburg
- Dr Caroline Hansson, "On the influence of ghrelin on body composition and emotional behaviour". Thesis awarded June 2011. University of Gothenburg.
- Dr Marie Le May. "Ghrelin in feeding: new insights into its role and the neurocircuits involved". Thesis awarded March 2020. University of Gothenburg.
- Co-PhD supervisor: George Millington (University of Cambridge, 2005), David Hartley (Kings College London, 2005), Rozita Anderberg (University of Gothenburg, 2015).

Current Research Group

- Dr Tina Bake (2013-). Topic: binge eating models
- Dr Erik Schele (2016-). Topic- ghrelin and feeding decisions

- Dr Fiona Peris-Sampedro (2017-). Viral vectors and chemogenetics
- Dr Marie Le May (2016-). Topic: Ghrelin's role in the brainstem
- Iris Stoltenborg (2019-) PhD student
- Renée Poelman, (2021-) PhD student

Former Post-doctoral researchers
- Dr Adrian K. Hewson (1999-2003, 36 months, Cambridge)
- Dr David Sunter (2001-2002, 18 months, Cambridge)
- Dr Scarlett Pinnock (2000-2004, 36 months, Cambridge)
- Dr Loraine Tung (2002-2004, 24 months, Cambridge)
- Dr Rachel Parker (2001, 8 months, Cambridge)
- Dr Linda Karlsson-Lindal (2005-2009, 48 months, Gothenburg)
- Dr Magdalena Taube (2006-2009, 36 months, Gothenburg)
- Dr Nicolas Salome (2006-2009, 36 months, Gothenburg)
- Dr Lisa Gustafsson (2007, 6 months, Gothenburg)
- Dr David Haage (2005-2009, 48 months, Gothenburg)
- Dr Emilia Rung (2008, 12 months, Gothenburg, part-time EC grant coordinator)
- Dr Anders Friberg (2009-2011, 18 months, Gothenburg, part time EC grants coordinator)
- Dr Emil Egecioglu (2007-2012, Gothenburg)
- Dr Karolina Skibicka (2009-2011, Gothenburg) - now Assistant Professor position since 2012
- Dr Mayte Alvarez (2009-2012, Gothenburg)
- Dr Paqui Rodriguez (2014, Gothenburg)
- Dr Heike Vogel (2012-2014, Gothenburg)
- Dr Cristina Rabasa (2013-2016, Gothenburg)
- Dr Ulrika Bergström (2017-1018, Gothenburg)

PhD examiner:

Principal examiner or "Opponent" for PhD theses: E. Kumarnsit, University of Edinburgh, UK, 2002; Elinor Stephens, University of Cambridge, 2001; Alison Wren, Imperial College London, 2001; Johan Alsio, University of Uppsala, 2010; Neeraj Soni, Copenhagen, 2016; and Lola Julie Torz, Copenhagen, 2018.

Examination committees in Utrecht (Rahul Pandit, 2015; Linda Verhagen, 2012; Jacques Dourojeanni, 2019). Also many in Gothenburg University (2-3 per year)

Other Professional Affiliations and Activities*:*
- Founder of Abunon AB (2009-2012).
- Patent for use of ghrelin antagonists for alcohol use disorders (now expired).

Teaching, examining and related activities:

University of Gothenburg (May 2004-)
- Molecular Cell Biology II for Medical Students: 20 Lectures on Endocrinology and Metabolism. Primary topics: Introduction to Endocrinology, Glucose homeostasis and diabetes, Body weight homeostasis, growth hormone axis, calcium balance.
- Pharmacy Students (Year 3) Apotekarprogrammet och Biovetenskapliga Läkemedelsprogrammet. Lecture topics in Endocrinology and Metabolism. 6 hours per year.

- Endocrinology and Metabolism lectures to other groups: Dentistry, Nutrition, Biomedical program, Physiotherapy.
- Elective in Metabolism for Medical Students (1 weeks): I am responsible for this course and teach during the course.
- Examining is also part of the teaching activities.

University of Cambridge (1996-2004).

- 1B physiology/anatomy: Senior Examiner 2000-2001, Examiner 1996-2001.
- Supervision of second year Medical, Veterinary & Natural Science Undergraduate students (Tripos 1B) in Neurophysiology, Reproductive Physiology and Endocrinology.
- Part II (Final year). Course organiser for Clinical topics in Physiology.
- Formal lectures: Part Ia (Year 1 Medical Students): Control of body composition (4 lectures; 2000-2003); Part 1b (Year 2, Natural Science): Nutrition and control of body weight (3 lectures, 2001-2003); Part 1a (Year 2, Natural Science Students); Digestive system (7 lectures, 1996-2003); Demonstrator for practical classes in Neuroanatomy, Neuroendocrinology and several 1a and 1b practicals (1996-2003); Part II (final year medical and science students) Control of the pituitary (2 lectures), Body composition (2 lectures; 1997-2003).

King's College London (1994-1996).

- Lecturing to undergraduate Medical, Human Biology and Science students: Endocrinology and Reproduction (2nd Year), Neuroendocrinology (3rd year), Special Topics in Human Biology (3rd Year), Advanced Neuroanatomy (3rd Year).
- Demonstrator in Neuroanatomy.

Publications - Suzanne L Dickson

***Cited >100 times; ** Cited> 200 times**

1993-1996 (PhD and post-doctoral year)

1. ****Dickson SL**, Leng G, Robinson ICAF 1993 Systemic administration of growth hormone-releasing peptide (GHRP-6) activates hypothalamic arcuate neurones. Neuroscience 53: 303-306. PMID: 8492908
2. **Dickson SL,** Leng G, Robinson ICAF 1993 Growth hormone release evoked by electrical stimulation of the arcuate nucleus in anaesthetized male rats. Brain Research 623: 95-100. PMID: 8221099
3. Mason WT, **Dickson SL,** Leng G 1993 Control of growth hormone secretion at the single cell level. Acta Paediatr Suppl 388: 84-92. PMID: 8101112
4. **Dickson SL**, Leng G, Robinson ICAF 1994 Electrical stimulation of the rat periventricular nucleus influences the activity of hypothalamic neurones. J Neuroendocrinol 6: 359-367. PMID: 7987365
5. ***Dickson SL**, Leng G, Dyball REJ, Smith RG 1995 Central actions of peptide and non-peptide growth hormone secretagogues in the rat. Neuroendocrinology 61: 36-43. PMID 7721496
6. **Dickson SL**, Doutrelant-Viltart O, Leng G 1995 GH-deficient *dw/dw* rats and *lit/lit* mice show increased Fos expression in the hypothalamic arcuate nucleus following systemic injection of GH-releasing peptide-6. J Endocrinol 146: 519-526. PMID: 7595148

7. **Dickson SL**, Doutrelant-Viltart O, Dyball REJ, Leng G 1996 Retrogradely labelled neurosecretory neurones of the rat hypothalamic arcuate nucleus express Fos protein following systemic injection of growth hormone-releasing peptide. J Endocrinol 151: 323-331. PMID: 8958794

1996-2004 (Lecturer then Senior Lecturer at the University of Cambridge, UK)

8. ****Dickson SL**, Luckman SM 1997 Induction of c-*fos* messenger ribonucleic acid in neuropeptide Y and growth hormone (GH)-releasing factor neurones in the rat arcuate nucleus following systemic injection of growth hormone-releasing peptide (GHRP-6). Endocrinology 138: 771-777. PMID: 9003014
9. **Dickson SL**, Bailey ART, Doutrelant-Viltart O, Dyball REJ, Leng G 1997 Attenuation of the growth hormone secretagogue induction of Fos protein in the rat arcuate nucleus by central somatostatin action. Neuroendocrinology 66:188-194. PMID: 9380276
10. Honda K, Bailey ART, Bull PM, Macdonald LP, **Dickson SL**, Leng G 1999 An electrophysiological and morphological investigation of the projections of GHRP-6-responsive neurons in the rat arcuate nucleus to the median eminence and to the paraventricular nucleus. Neuroscience 90: 875-883. PMID: 10218787
11. **Dickson SL**, Bailey ART, Leng G 1999 Growth hormone (GH) secretagogues and neuroendocrine regulation of GH secretion. Growth hormone and IGF-1 Research 9: 89-91. PMID: 10429889
12. Bailey ART, Giles ME, Brown CH, Bull PM, Macdonald LP, Smith LC, Smith RG, Leng G, **Dickson SL** 1999 Chronic central infusion of growth hormone secretagogues: effects on Fos expression and peptide gene expression in the rat arcuate nucleus. Neuroendocrinology 70:83-92. PMID: 10461022
13. Luckman SM, Rosenzweig I, **Dickson SL** 1999 Activation of arcuate nucleus neurons by systemic administration of leptin and growth hormone releasing peptide-6 in normal and fasted rats. Neuroendocrinology 70: 93-100. PMID: 10461023
14. Hewson AK, Viltart O, McKenzie DN, Dyball REJ, **Dickson SL** 1999 GHRP-6-induced changes in electrical activity of single cells in the arcuate, ventromedial and periventricular nuclei of a hypothalamic slice preparation *in vitro*. J Neuroendocrinol 11:919-924. PMID: 10583726
15. Bailey ART, Von Englehardt N, Leng G, Smith RG, **Dickson SL** 2000 Growth hormone secretagogue activation of the arcuate nucleus and brainstem occurs via a non-noradrenergic pathway. J Neuroendocrinol 12:191-197. PMID: 10718914
16. Svensson J, Lall S, **Dickson SL**, Bengtsson B-Å, Rømer J, Ahnfelt-Rønne I, Ohlsson C, Jansson J-O. 2000 The Growth Hormone (GH) secretagogues Ipamorelin and GH-releasing peptide-6 increase bone mineral content in adult female rats. J Endocrinol 165: 569-577. PMID: 10828840
17. **Hewson AK, **Dickson SL** 2000 Systemic administration of ghrelin induces Fos and Egr-1 proteins in the hypothalamic arcuate nucleus of fasted and fed rats. J Neuroendocrinol 12: 1047-1049. PMID: 11069119

18. Tung LYC, Hewson AK, **Dickson SL** 2001 Actions of leptin on growth hormone secretagogue-responsive neurones in the rat hypothalamic arcuate nucleus recorded in vitro*. J Neuroendocrinol 13: 209-215.* PMID: 11168847

19. Lall S, Tung LYC, Ohlsson C, Jansson J-O, **Dickson SL** 2001 Growth hormone (GH)-independent stimulation of adiposity by GH secretagogues. Biochemical & Biophysical Research Communications 280: 132-138. PMID: 11162489

20. Svensson J, Lall S, **Dickson SL**, Bengtsson BÅ, Rømer J, Ahnfelt-Rønne I, Ohlsson C, Jansson J-O. 2001 Effects of growth hormone and its secretagogues on bone. Endocrine 14:63-6 PMID 11322502

21. Millington GWM, Tung LYC, Hewson AK, O'Rahilly, S, **Dickson SL** 2001 Differential effects of α- β and γ2-melanocyte-stimulating hormones on hypothalamic neuronal activation and feeding in the fasted rat. Neuroscience 108:437-445. PMID: 11738258

22. Sunter D, Hewson AK, Lynam S, **Dickson SL** 2001 Intracerebroventricular injections of neuropeptide FF, an opioid modulating neuropeptide, acutely reduces food intake and stimulates water intake in the rat. Neurosci Lett. 313:145-148. PMID: 11682148

23. **Wallenius V, Wallenius K, Ahrén Bo, Rudling M, **Dickson SL**, Ohlsson C, Jansson J-O. 2002 Interleukin-6 deficient mice develop mature-onset obesity. Nature Medicine 8: 75-79. PMID: 11786910

24. **Wallenius K, Wallenius V, Sunter D, **Dickson SL**, Jansson J-O. 2002 Intracerebroventricular interleukin-6 treatment decreases body fat in rats. BBRC 293: 560-565. PMID: 12054638

25. *Hewson AK, Tung LYC, Connell DW, Tookman L, **Dickson SL**. 2002 The rat arcuate nucleus integrates peripheral signals provided by leptin, insulin and a ghrelin mimetic. Diabetes 51: 3412-3419. PMID: 12453894

26. *Frago LM, Pañeda C, **Dickson SL**, Hewson AK, Argente J, Chowen A 2002 Growth hormone (GH) and GH-releasing peptide-6 increase brain insulin-like growth factor-I expression and activates intracellular signalling pathways involved in neuroprotection. Endocrinology. 143: 4113-22. PMID: 12239123.

27. **Sunter D, Hewson AK and **Dickson SL**. 2003 Intracerebroventricular injection of apelin-13 reduces food intake in the rat. Neuroscience Letters 353:1-4. PMID 14642423

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