

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

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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

Scientific and Research Boards

European Brain Council
- President (2023-)
- Member of the Board (2020-)
- Founder and co-chair of BRAINFOOD, an EBRA (European Brain Research Area) cluster
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 (2020-2023) 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, Glasgow)
- Member of the IFN council (2016-2022)

Federation of European Neuroscience Societies (FENS)

- Member of the Board (2020-)

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)

Grant and Administrative Boards (International, National, Local)

Co-chair (2021-) and member (2017-) of the MH12 (Mental Health) panel 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

H-index 63 at age 56. Time cited 16,635. Over 200 articles. 26 articles have been cited over 200 times and 45 articles over 100 times

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

- Vetenskapsrådet (2023-2026). Hunting down and TRAPing appetite neurones. Grant number 2022-00713. 4,800,000 over 4 years.
- NovoNordiskFonden (2023-2025). Discovering new targets to control body weight: focus on appetite neurones. Grant number NNF0078215. 4,000,000 DKR over 3 years.
- Hjärnfonden (2022-2023). Searching 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.
- *FOU/ALF Gothenburg. 2018-2021. ALFGBG-723681. 750,000 SEK/year for 4 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.
- *Gut-brain signalling for dietary control. 2017-2019. Grant number: 2016-02195. 700,000 SEK/year for 3 years.
- Towards identification of the neurons that make us obese. 2019-2021. 2018-02588. 800,000 SEK/year for 3 years. Co-applicant.
- Deciphering cue- and ghrelin-responsive neurons that cause over-eating. 2020-2022. 2019-01051. 800,000 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.
- * Neural mechanism involved in loss of dietary control. 2018 NNF17OC0027206. 400,000 DKR for 1 year.
- * Deciphering food cue- and ghrelin-responsive neurons that cause over-eating. 2020-2021. NNF19OC0056694. 1,000,000 DKR/yr for 2 years.

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).
- *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)

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 Symposium 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 Fondation 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 (Marstrand, 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).
- 2017 New Horizons Meeting, Turks and Caicos.
- 2018 European Congress for Obesity (Vienna, Austria).
- 2018 International ghrelin symposium (Toronto, Canada).
- 2018 *RegPep2018. Plenary speaker (Acapulco, Mexico).
- 2018 Europhysiology, London, Invited Speaker
- 2019 EBPS (Braga, Portugal), Invited speaker
- 2019 School for Advanced Neuroscience, Organiser and speaker (Venice, Italy).
- 2020 Turkish Neuroendocrine Society (Online conference), Speaker
- 2021 ECNP: Annual conference (Lisbon, Portugal), Speaker
- 2022 European Congress for Endocrinology, Milan, Italy. Invited speaker.
- 2022 Marabou Symposium on the Neurobiology of Eating Behaviour, Stockholm. Invited Speaker.
- 2023 European Psychiatry Association, Paris. Invited Speaker.

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 delegates).
- 2024 Chair (Basic research) for the European Endocrine Society meeting in Stockholm.

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 Linköing University
- 2017 INSERM, Center for Neuroscience and Psychiatry, Paris
- 2018 University of Copenhagen
- 2019 Oslo University, Dept medicine.
- 2022 Bordeaux Neuroscience Campus
- 2022 Madrid University, Department of Endocrinology

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 Erik Schele (2016-). Topic- ghrelin and feeding decisions
- 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 (2017-2018, Gothenburg)
- Dr Fiona Peris-Sampedro (2017-2022, Gothenburg)
- Dr Tina Bake (2013-2021, 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; Lola Julie Torz, Copenhagen, 2018; Anouk Pierre, Brussels 2020; Santiago Guerra Cantera, Madrid 2022.

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.

University of Science and Technology of Lille (2023-)

- Lecturing in Neuropsychopharmacology to Psychology students.

Publications - Suzanne L Dickson**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 γ 2-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](#)
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Book Editor

Masterclass in Neuroendocrinology. The neuroendocrinology of Appetite. Eds Suzanne L. Dickson and Julian G. Mercer. Wiley publishers. ISBN: 978-1-118-83932-4. October 2016.