

List of publications

Updated March 2023

2023

Sarah Buckley, **Kerstin Uvnäs-Moberg**, Zada Pajalic, Karolina Luegmair, Anette Ekström-Bergström, Anna Dencker, Claudia Massarotti, Alicja Kotlowska, Leonie Callaway, Sandra Morano, Ibone Olza, Claudia Meier Magistretti.
Maternal and newborn plasma oxytocin levels in response to maternal synthetic oxytocin administration during labour, birth and postpartum - a systematic review with implications for the function of the oxytocinergic system.
BMC Pregnancy and Childbirth, 23(1):137, 2 Mar 2023.

2022

Meth EMS, Brandão LEM, van Egmond LT, Xue P, Grip A, Wu J, Adan A, Andersson F, Pacheco AP, **Uvnäs-Moberg K**, Cedernaes J, Benedict C.
A weighted blanket increases pre-sleep salivary concentrations of melatonin in young, healthy adults.
Journal of Sleep Research, e13743, 3 Oct 2022.

Uvnäs Moberg K, Julius H, Handlin L, Petersson M.
Editorial: Sensory Stimulation and Oxytocin: Their Roles in Social Interaction and Health Promotion.
Frontiers in Psychology, 13:929741, 15 Jun 2022.

Goldkuhl L, Gyllensten H, Begley C, Wijk H, Nilsson C, Lindahl G, Ringqvist AK, **Uvnäs-Moberg K**, Berg M.
Room4Birth - The effect of giving birth in a hospital birthing room designed with person-centred considerations: A Swedish randomised controlled trial.
Sexual & Reproductive Healthcare, 32:100731, Jun 2022.

Kerstin Uvnäs Moberg

Hundstund

Natur & Kultur, 2022.

Ewa Wredle, Kerstin Svennersten-Sjaunja, Lene Munksgaard, Mette S Herskin, Rupert M Bruckmaier, **Kerstin Uvnäs-Moberg**.
Feeding and Manual Brushing Influence the Release of Oxytocin, ACTH and Cortisol Differently During Milking in Dairy Cows.
Frontiers in Neurosciece, 16:671702, Mar 2022.

Kerstin Uvnäs Moberg, Maria Petersson.

Physiological effects induced by stimulation of cutaneous sensory nerves, with a focus on oxytocin.

Current Opinion in Behavioral Sciences, Volume 43, pp 159-166, Feb. 2022.

Bruno Müller-Oerlinghausen, Michael Eggart, Henrik Norholt, Michael Gerlach, Gabriele Mariell Kiebgis, Michaela Maria Arnold, **Kerstin Uvnäs Moberg**.

Berührungsmedizin – ein komplementärer therapeutischer Ansatz unter besonderer Berücksichtigung der Depressionsbehandlung (Touch Medicine - a complementary therapeutic approach exemplified by the treatment of depression).

Deutsche Medizinische Wochenschrift, 147(4):e32-e40, Feb 2022.

2021

Patrik Grahn, Johan Ottosson, **Kerstin Uvnäs-Moberg**.

The Oxytocinergic System as a Mediator of Anti-stress and Instructive Effects Induced by Nature: The Calm and Connection Theory.

Frontiers in Psychology, 12:617814, 5 Jul 2021.

Yuki Takahashi, **Kerstin Uvnäs-Moberg**, Eva Nissen, Lena Lidfors, Anna-Berit Ransjö-Arvidson, Wibke Jonas.

Epidural Analgesia With or Without Oxytocin, but Not Oxytocin Alone, Administered During Birth Disturbs Infant Pre-feeding and Sucking Behaviors and Maternal Oxytocin Levels in Connection With a Breastfeed Two Days Later.

Frontiers in Neuroscience, 15:673184, 29 Jun 2021.

Eva Wiberg-Itzel, **Kerstin Uvnäs-Moberg**.

The Correlation between Synthetic Oxytocin Given during Labor and Women's Personality Traits According to the SSP (Swedish University Scales of Personality) Survey: A Pilot Study.

Open Journal of Obstetrics and Gynecology Vol.11 No.6, 701-712, 15 Jun 2021.

Die heilenden Aspekte von Oxytocin.

Die Österreichische Hebammenzeitung, 01/2021, Mar 2021.

2020

Kerstin Uvnäs-Moberg, Mechthild M. Gross, Andee Agius, Soo Downe and Jean Calleja-Agius.

Are There Epigenetic Oxytocin-Mediated Effects on the Mother and Infant during Physiological Childbirth?

International Journal of Molecular Sciences, 21(24), 9503, Dec 2020.

Kerstin Uvnäs Moberg, Linda Handlin, Maria Petersson.
Neuroendocrine mechanisms involved in the physiological effects caused by skin-to-skin contact – With a particular focus on the oxytocinergic system.
Infant Behavior and Development, Volume 61, 101482, Nov 2020.

Henri Julius, **Kerstin Uvnäs-Moberg**, Sveinn Ragnarsson.
Am Du zum Ich: Bindungsgeleitete Pädagogik: Das CARE-Programm.
Reykjavik: Kerlingarholl, 2020.

Benjamin Buemann, Donatella Marazziti and **Kerstin Uvnäs-Moberg**.
Can intravenous oxytocin infusion counteract hyperinflammation in COVID-19 infected patients?
World Journal of Biological Psychiatry, Published online 11 Sep 2020 (2021, volume 22, no 5, 387-398).

Ali S. Imami, Sinead M. O'Donovan, Justin F. Creeden, Xiaojun Wu, Hunter Eby, Cheryl B. McCullumsmith, **Kerstin Uvnäs-Moberg**, Robert E. McCullumsmith, and Elissar Andari.
Oxytocin's anti-inflammatory and proimmune functions in COVID-19: a transcriptomic signature-based approach.
Physiological Genomics, 52(9):401-407, Sep 2020.

Kerstin Uvnäs Moberg, Anette Ekström-Bergström, Sarah Buckley, Claudia Massarotti, Zada Pajalic, Karolina Luegmair, Alicia Kotlowska, Luise Lengler, Ibone Olza, Susanne Grylka-Baeschlin, Patricia Leahy-Warren, Eleni Hadjigeorgiou, Stella Villarme, and Anna Dencker.
Maternal plasma levels of oxytocin during breastfeeding - A systematic review.
PLOS ONE, 15(8):e0235806, 5 Aug 2020.

Anne Nilsson, Linda Handlin, Lena Lidfors, Maria Petersson, and **Kerstin Uvnäs-Moberg**.
Interacting With a Visiting Dog Increases Fingertip Temperature in Elderly Residents of Nursing Homes.
Frontiers in Psychology, 11:1906, 31 Jul 2020.

Deirdre Daly, Karin C. S. Minnie, Alwiena Blignaut, Ellen Blix, Anne Britt Vika Nilsen, Anna Dencker, Katrien Beeckman, Mechthild M. Gross, Jessica Pehlke-Milde, Susanne Grylka-Baeschlin, Martina Koenig-Bachmann, Jette Aaroe Clausen, Eleni Hadjigeorgiou, Sandra Morano, Laura Iannuzzi, Barbara Baranowska, Iwona Kiersnowska, and **Kerstin Uvnäs-Moberg**.
How much synthetic oxytocin is infused during labour? A review and analysis of regimens used in 12 countries.
PLOS ONE, 15(7):e0227941, 28 Jul 2020.

Ibone Olza, **Kerstin Uvnäs-Moberg**, Anette Ekström-Bergström, Patricia Leahy-Warren, Sigfrídur Inga Karlsdóttir, Marianne Nieuwenhuijze, Stella Villarmeá, Eleni Hadjigeorgiou, Maria Kazmierczak, Andria Spyridou, and Sarah Buckley. Birth as a neuro-psycho-social event: An integrative model of maternal experiences and their relation to neurohormonal events during childbirth. PLOS ONE, 15(7):e0230992, 28 Jul 2020.

Uvnäs Moberg K, Buemann B.

Oxytocin may have a therapeutical potential against cardiovascular disease. Possible pharmaceutical and behavioral approaches. Medical Hypotheses, 138:109597, May 2020.

Van Dijk W, Huizink AC, Müller J, **Uvnäs-Moberg K**, Ekström-Bergström A and Handlin L.

The Effect of Mechanical Massage and Mental Training on Heart Rate Variability and Cortisol in Swedish Employees - A Randomized Explorative Pilot Study. Frontiers in Public Health, 8:82, 19 Mar 2020.

2019

Uvnäs Moberg K, Handlin L, Kendall-Tackett K, Petersson M.

Oxytocin is a principal hormone that exerts part of its effects by active fragments. Medical Hypotheses, 133:109394, Dec 2019.

Uvnäs Moberg K.

Why Oxytocin Matters
Pinter & Martin, 2019.

Uvnäs-Moberg K, Ekström-Bergström A, Berg M, Buckley S, Pajalic Z, Hadjigeorgiou E, Kotłowska A, Lengler L, Kielbratowska B, Leon-Larios F, Magistretti CM, Downe S, Lindström B, Dencker A.

Maternal plasma levels of oxytocin during physiological childbirth - a systematic review with implications for uterine contractions and central actions of oxytocin. BMC Pregnancy and Childbirth, 19(1):285, 9 Aug 2019.

Marie Berg, PhD, RN, RM, MPH, MNursSci; Lisa Goldkuhl, RN, RM, MSci; Christina Nilsson; Helle Wijk, PhD, RN, MNursSci; Hanna Gyllensten, PhD; Göran Lindahl, PhD; **Kerstin Uvnäs Moberg**; Cecily Begley, PhD.

Room 4 Birth - The effect of an adaptable birthing room on labour and birth outcomes for nulliparous women at term with spontaneous labour start: study protocol for a randomised controlled superiority trial in Sweden. Trials in press (2019).

2018

Sarah Buckley S, **Uvnäs Moberg K.**

Nature and consequences of oxytocin and other neurohormones during pregnancy and childbirth.

In: Squaring the Circle: researching normal childbirth in a technological world.

Edited by Sheena Byrom and Soo Downe.

Pinter and Martin. 2018.

Uvnäs-Moberg K, Buckley S.

Oxytocin - a central hormone of labour and birth.

In: Safety in Childbirth, Safety and Childbirth. Edited by Sandra Moreno.

The Italian Medical Association, 2018.

Uvnäs-Moberg, K, Kendall-Tackett KA.

The mystery of D-MER: What hormonal research can tell us about dysphoric milk-ejection reflex.

Clinical Lactation. 2018; 9(1): 23-29.

2017

Uvnäs-Moberg K, Streit U, Nantke S.

Oxytocin-Stoffwechsel. Körperkontakt unter erschwerten Bedingungen.

Deutsche Hebammen Zeitschrift. 2017; 69(11).

Kendall-Tackett K, **Uvnäs-Moberg K.**

Does synthetic oxytocin lower mothers' risk of depression and anxiety? A review of a recent study by Kroll-Desrosiers et al.

Connecting the Dots (Blog post by Sharon Muza at www.lamaze.org), 16 Mar 2017.

Kendall-Tackett KA, **Uvnäs-Moberg K.**

Pitocin, epidurals, and mothers' mental health. How can doulas help when mothers have high-intervention births?

International Doula. 2017; 25(3): 25.

Petersson M, **Uvnäs-Moberg K**, Nilsson A, Gustafson LL, Hydbring-Sandberg E, Handlin L.

Oxytocin and cortisol levels in dog owners and their dogs are associated with behavioral patterns: An exploratory study.

Frontiers in Psychology, 8:1796, 13 Oct 2017.

Nielsen EI, Al-Saqi SH, Jonasson AF, **Uvnäs-Moberg K.**

Population Pharmacokinetic Analysis of Vaginally and Intravenously Administered Oxytocin in Postmenopausal Women.

Journal of Clinical Pharmacology, 57(12):1573-1581, 5 Jul 2017.

Bendix M, **Uvnäs-Moberg K**, Petersson M, Kaldo V, Åsberg M, Jokinen J.
Insulin and glucagon in plasma and cerebrospinal fluid in suicide attempters and healthy controls.
Psychoneuroendocrinology, J81:1-7, 2017.

Kallak TK, **Uvnäs-Moberg K**.
Oxytocin stimulates cell proliferation in vaginal cell line Vk2E6E7.
Post Reproductive Health, 23(1):6-12, Mar 2017.

Vargas-Martínez F, Schanler RJ, Abrams SA, Hawthorne KM, Landers S, Guzman-Bárceñas J, Muñoz O, Henriksen T, Petersson M, **Uvnäs-Moberg K**, Jiménez-Estrada I.
Oxytocin, a main breastfeeding hormone, prevents hypertension acquired in utero: A therapeutics preview.
Biochimica et Biophysica Acta,1861(1 Pt A):3071-3084, Jan 2017.

2016

Al-Saqi S, Fiano Jonasson A, **Uvnäs-Moberg K**.
Oxytocin improves cytological and histological profiles of vaginal atrophy in postmenopausal women.
Post Reproductive Health, 22(1):25-33, Mar 2016.

Beetz A, Kotrschal K, **Uvnäs-Moberg K**, Julius H.
A comparison of equine assisted intervention and conventional play based early intervention for mother child dyads with insecure attachment.
Journal of occupational therapy, schools and early intervention. 2016.

Uvnäs Moberg K.
Mod att föda.
Jordemodern. Svenska barnmorskeförbundets tidskrift.
Nr 5 Maj 2016.

2015

Takahashi Y, Jonas W, Ransjö-Arvidson AB, Lidfors L, **Uvnäs-Moberg K**, Nissen E.
Weight loss and low age are associated with intensity of rooting behaviours in newborn infants.
Acta Paediatrica,104(10):1018-23, Oct 2015.

Al-Saqi SH, **Uvnäs-Moberg K**, Jonasson AF.
Intravaginally applied oxytocin improves post-menopausal vaginal atrophy.
Post Reproductive Health, 21(3):88-97, Sep 2015.

Bendix M, **Uvnäs-Moberg K**, Petersson M, Gustavsson P, Svanborg P, Åsberg M, Jokinen J.
Plasma oxytocin and personality traits in psychiatric outpatients.
Psychoneuroendocrinology, 57:102-10, Jul 2015.

Anderson C, Yngvesson J, Boissy A, **Uvnäs-Moberg K**, Lidfors L.
Behavioural expression of positive anticipation for food or opportunity to play in lambs.
Behavioural Processes, 113:152-8, Apr 2015.

Uvnäs-Moberg K, Handlin L, Petersson M.
Self-soothing behaviors with particular reference to oxytocin release induced by non-noxious sensory stimulation.
Frontiers in Psychology, 5:1529, 12 Jan 2015.

Uvnäs-Moberg K.
How kindness warmth, empathy and support promote the process of labour.
In: *The roar behind the silence*, edited by Sheena Byron and Soo Downe.
Pinter and Martin, London, 2015.

Uvnäs-Moberg K.
The biological role of oxytocin in motherhood.
Hale Publishing, Plano USA, 2015.

2014

Chapagain D, **Uvnäs-Moberg K**, Lidfors L.
Investigating the motivation to play in lambs.
Applied Animal Behaviour Science, 166, 64-74, Nov 2014.

Vargas-Martínez F, **Uvnäs-Moberg K**, Petersson M, Olausson HA, Jiménez-Estrada I.
Neuropeptides as neuroprotective agents: Oxytocin a forefront developmental player in the mammalian brain.
Progress in Neurobiology, 123C:37-78, 13 Oct 2014.

Chatzittofis A, Nordström P, **Uvnäs-Moberg K**, Åsberg M, Jokinen J.
CSF and plasma oxytocin levels in suicide attempters, the role of childhood trauma and revictimization.
Neuroendocrinology Letters, 35(3):213-7, 2014.

Rehn T, Handlin L, **Uvnäs-Moberg K**, Keeling LJ.
Dogs' endocrine and behavioural responses at reunion are affected by how the human initiates contact.
Physiology & Behavior, 124:45-53, 30 Jan 2014.

Uvnäs-Moberg K.

Bindungssicherheit und unzureichende Funktion des Oxytocin-Systems.
In Bindung und psychosomatik, edited by Karl Heinz Brisch.
Klett-Cotta, Stuttgart, 2014.

2013

Humble MB, **Uvnäs-Moberg K**, Engström I, Bejerot S.
Plasma oxytocin changes and anti-obsessive response during serotonin reuptake inhibitor treatment: a placebo controlled study.
BMC Psychiatry, 13:344, 23 Dec 2013.

Uvnäs-Moberg K, Prime D.

Oxytocin effects in mothers and infants during breastfeeding.
Infant, 9(6): 201-206, 2013.

Uvnäs-Moberg K.

The hormone of closeness.
Pinter and Martin, London, 2013.

2012

Beetz A, **Uvnäs-Moberg K**, Julius H, Kotrschal K.
Psychosocial and psychophysiological effects of human-animal interactions: the possible role of oxytocin.
Frontiers in Psychology, 3:234, 9 Jul 2012.

Julius H, Beetz A, Kotrschal K, Turner D, **Uvnäs-Moberg K.**

Attachment to Pets, An integrative view of human-animal relationships with implications for therapeutic practice. (Also in German and Italian).
Hogrefe, Göttingen, 2012.

Handlin L, Jonas W, Ransjö-Arvidson AB, Petersson M, **Uvnäs-Moberg K**, Nissen E.

Influence of common birth interventions on maternal blood pressure patterns during breastfeeding 2 days after birth.
Breastfeeding Medicine, 7(2): 93-99, 2012.

Velandia M, **Uvnäs-Moberg K**, Nissen E.

Sex differences in newborn interaction with mother or father during skin-to-skin contact after Caesarean section.
Acta Paediatrica, 101(4): 360-367, Apr 2012.

Jokinen J, Chatzittofis A, Hellström C, Nordström P, **Uvnäs-Moberg K**, Asberg M.

Low CSF oxytocin reflects high intent in suicide attempters.
Psychoneuroendocrinology, 37(4): 482-490, Apr 2012.

Handlin L, Hydbring-Sandberg E, Nilsson A, Ejdebäck M, **Uvnäs-Moberg K**.
Associations between the psychological characteristics of the human-dog
relationship and oxytocin and cortisol levels.
Anthrozoös 25(2): 215-228, 2012.

2011

Jonasson AF, Edwall L, **Uvnäs-Moberg K**.
Topical oxytocin reverses vaginal atrophy in postmenopausal women: a double-
blind randomized pilot study.
Menopause Int. 2011; 17(4): 120-125.

Binder P, Gustafsson A, **Uvnäs-Moberg, K**, Nissen E.
HI-TENS combined with PCA morphine as post caesarean pain relief.
Midwifery. 2011; 27(4): 547-552

Handlin L, Hydbring-Sandberg E, Nilsson A, Ejdebäck M, Jansson A, **Uvnäs-Moberg, K**.
Short-term interaction between dogs and their owners: Effects on oxytocin,
cortisol, insulin and heart rate. An Explorative study.
Anthrozoös. 2011; 24: 301-315.

Beetz A, Kotrschal K, **Uvnäs-Moberg, K**, Turner D, Julius H.
The effect of a real dog, toy dog and friendly person on insecurely attached
children during a stressful task: An exploratory study.
Anthrozoös. 2011; 24: 349-368.

Uvnäs-Moberg, K, Petersson M.
Role of oxytocin and oxytocin related effects in manual therapies. In: The science
and clinical application of manual therapy.
Edited by Hollis H. King, Wilfrid Jänig and Michael M. Patterson Churchill and
Livingstone, Elsevier 2011.

Uvnäs-Moberg, K, Handlin L, Petersson M.
Promises and pitfalls of hormone research in human-animal interaction.
In: How animals affect us. Examining the influence of human-animal-interaction
on child development and human health.
Edited by Peggy McCardle, Sandra McCune, James A Griffin and Valerie
Maholmes American Psychological Association, Washington DC, 2011.

Uvnäs-Moberg, K.

Die function von oxytocin in der fruhen entwickling und die mögliche bedeutung eines oxytocinmangels fur bindnung och fruhe störungen der entwicklung.

In: Bindung und fruhe störungen der entwicklung. Edited by Karl Heinz Brisch
Klett Cotta 2011.

2010

Velandia M, Matthisen AS, **Uvnäs-Moberg K**, Nissen E.

Onset of vocal interaction between parents and newborns in skin-to-skin contact immediately after elective cesarean section.

Birth. 2010; 1: 12-17.

Henoch I, Björkdahl A, Darfeldt K, Berglind Nordh I, **Uvnäs-Moberg, K**, Möller A.

Soft skin massage for children with severe developmental disabilities: caregivers' experiences.

Scandinavian journal of disability research. 2010; 1:1-12.

Uvnäs-Moberg, K.

Oxytocin verbindet.

Deutsche Hebammen Zeitschrift. 2010; 5; 21-21.

Uvnäs-Moberg, K.

Oxytocinets effekter och koppling till beröring

Näringsmedicinsk tidskrift; 2010; 5: 20-21

2009

Handlin, L., Jonas, W., Petersson, M., Ejdeback, M., Ransjö-Arvidson, A. B., Nissen, E, **Uvnäs-Moberg, K.**

Effects of sucking and skin-to-skin contact on maternal ACTH and cortisol levels during the second day postpartum-influence of epidural analgesia and oxytocin in the perinatal period. Breastfeed Med. 2009; 4(4): 207-20.

Jonas, K., Johansson, L. M., Nissen, E., Ejdeback, M., Ransjö-Arvidson, A. B., **Uvnäs- Moberg, K.**

Effects of intrapartum oxytocin administration and epidural analgesia on the concentration of plasma oxytocin and prolactin, in response to suckling during the second day postpartum.

Breastfeed Med. 2009; 4(2): 71-82.

Borg, J., Melander, O., Johansson, L., **Uvnäs-Moberg, K.**, Rehfeld, J. F., Ohlsson, B.

Gastroparesis is associated with oxytocin deficiency, oesophageal dysmotility with hyperCCKemia, and autonomic neuropathy with hypergastrinemia. *BMC Gastroenterol.* 2009;9: 17.

Eklund, M. B., Johansson, L. M., **Uvnäs-Moberg, K.**, Arborelius, L.

Differential effects of repeated long and brief maternal separation on behaviour and neuroendocrine parameters in Wistar dams. *Behav Brain Res.* 2009; 203(1): 69-75.

Bystrova K, Ivanova V, Edhborg M, Matthiesen AS, Ransjö-Arvidson AB, Vorontsov I, Mukhamedrakhimov R, **Uvnäs-Moberg K**, Widström AM.

Early contact versus separation: effects on mother-infant interaction one year later. *Birth.* 2009; 36(2): 97-109.

Wiklund I, Norman M, **Uvnäs-Moberg K**, Ransjö-Arvidson AB, Andolf E.

Epidural analgesia: Breast-feeding success and related factors. *Midwifery.* 2009; 25(2):31-38.

Gunnarsson S, Pickova J, Högberg A, Neil M, Wichman A, Wigren I, **Uvnäs-Moberg, K**, Rydhmer L.

Influence of sow dietary fatty acid composition on the behaviour of the piglets. *Livestock Science.* 2009; 123:306-313.

Uvnäs-Moberg, K.

Närhetens hormon. Oxytocinets roll i relationer. *Natur och Kultur* 2009.

2008

Jonas W, Nissen E, Ransjö-Arvidson AB, Wiklund I, Henriksson P, **Uvnäs-Moberg K.**

Short- and long-term decrease of blood pressure in breastfeeding women. *Breastfeed Med;* 2008; 3(2): 103-9.

von Knorring AL, Söderberg A, Austin L, Arinell H, **Uvnäs-Moberg, K.**

Massage decreases aggression in preschool children: a long-term study. *Acta Paediatr.* 2008;97(9):1265-1269.

Jonas W, Nissen E, Ransjö-Arvidson AB, Matthiesen AS, **Uvnäs-Moberg, K**

Influence of oxytocin or epidural analgesia on personality profile in breastfeeding women; a comparative study.

Arch Womens Ment Health. 2008; 3(2): 103-109.

Petersson M, **Uvnäs-Moberg, K**

Postnatal oxytocin treatment of spontaneously hypertensive male rats decreases blood pressure and body weight in adulthood.

Neurosci Lett. 2008; 449(2): 166-169.

2007

Bystrova K, Matthiesen AS, Vorontsov I, Widström AM, Ransjö-Arvidson AB, **Uvnäs-Moberg K.**

Maternal axillar and breast temperature after giving birth: effects of delivery ward practices and relation to infant temperature.

Birth. 2007;34:291-300.

Petersson M, **Uvnäs-Moberg K.**

Effects of an acute stressor on blood pressure and heart rate in rats pretreated with intracerebroventricular oxytocin injections.

Psychoneuroendocrinology. 2007;32:959-965.

Bystrova K, Widström AM, Matthiesen AS, Ransjö-Arvidson AB, Welles-Nyström B, Vorontsov I, **Uvnäs-Moberg K.**

Early lactation performance in primiparous and multiparous women in relation to different maternity home practices. A randomised trial in St. Petersburg.

Int Breastfeed J. 2007; 8:2:9.

Bystrova K, Matthiesen AS, Widstrom AM, Ransjö-Arvidson AB, Welles-Nyström B, Vorontsov I, **Uvnäs-Moberg K.**

The effect of Russian maternity home routines on breastfeeding and neonatal weight loss with special reference to swaddling.

Early Hum Dev. 2007;83:29-39.

Algers B, **Uvnäs-Moberg K.**

Maternal behavior in pigs.

Horm Behav. 2007;52:78-85.

Jonas W, Wiklund I, Nissen E, Ransjö-Arvidson AB, **Uvnäs-Moberg K.**

Newborn skin temperature two days postpartum during breastfeeding related to different labour ward practices.

Early Hum Dev. 2007;83:55-62.

2006

Uvnäs-Moberg, K. and Petersson, M.

Molecular anti-stress systems.

In Stress sculpturing the brain to health or disease. Edited by Arnetz B and Ekman R.

Wiley Press; 2006.

Uvnäs-Moberg, K.

The role of oxytocin in the development of attachment and maternal adaptations during the postpartum period.

In proceedings from Die anfänge der eltern-kind-bindung. Edited by KH Brisch. Klett Cotta Verlag, 2006.

Uvnäs-Moberg, K.

Afspaending ro og beroering.

Akademisk forlag, Copenhagen 2006

Uvnäs-Moberg, K.

Oxytocine: L'hormone de l'amour Santé – bien-être – relations

Le souffle d'or, Barret-sur-Méouge 200

2005

Petersson M, Eklund M, **Uvnäs-Moberg K.**

Oxytocin decreases corticosterone and nociception and increases motor activity in OVX rats.

Maturitas. 2005; 16;51(4):426-33.

Petersson M, Diaz-Cabiale Z, Angel Narvaez J, Fuxe K, **Uvnäs-Moberg K.**

Oxytocin increases the density of high affinity alpha(2)-adrenoceptors within the hypothalamus, the amygdala and the nucleus of the solitary tract in ovariectomized rats.

Brain Res. 2005; 12;1049(2):234-9.

Holst S, Lund I, Petersson M, **Uvnäs-Moberg K.**

Massage-like stroking influences plasma levels of gastrointestinal hormones, including insulin, and increases weight gain in male rats.

Auton Neurosci. 2005;15,120(1-2):73-9.

Uv(ä)nas-Moberg K, Arn I, Magnusson D.

The psychobiology of emotion: the role of the oxytocinergic system.

Int J Behav Med. 2005;12(2):59-65.

Uvnäs-Moberg K, Petersson M.

Oxytocin, a mediator of anti-stress, well-being, social interaction, growth and healing.

Z Psychosom Med Psychother. 2005;51(1):57-80. Review. German.

Uvnäs-Moberg K, Petersson M.

Antistress, känsla, empati och socialt stöd. In från molekyl till individ.

Editors Ekman R and Arnetz B. Liber 2005

Uvnäs-Moberg K. and Nissen E.

Hormonell reglering av beteende under amningen. In Kropp och själ och barnafödande – psykosocial obstetrik på 2000-talet.

Editor Berit Sjögren. Studentlitteratur 2005.

2004

Petersson M, **Uvnäs-Moberg K.**

Prolyl-leucyl-glycinamide shares some effects with oxytocin but decreases oxytocin levels.

Physiol Behav. 2004;83(3):475-81.

Diaz-Cabiale Z, Olausson H, Sohlstrom A, Agnati LF, Narvaez JA, **Uvnäs-Moberg K, Fuxe K.**

Long-term modulation by postnatal oxytocin of the alpha 2-adrenoceptor agonist binding sites in central autonomic regions and the role of prenatal stress.

J Neuroendocrinol. 2004;16(3):183-90.

Sjögren, B., Edman, G., Widström, A.-M., Matthiesen, A.-S. and **Uvnäs-Moberg, K.**

Personality and maternal fetal attachment in first pregnancy.

J. reproductive infant psych. 2004; 22: 57-69.

Valros, A., Rundgren, M., Spinka, M., Saloniemi, H., Hultén, F., **Uvnäs-Moberg, K.**, Tománek, M., Krejci, P. and Algers, B.

Oxytocin, prolactin and somatostatin in lactating sows; associations with body resources mobilisation and maternal behaviour.

Livest. Prod. Sci. 2004; 85:1-13

Uvnäs-Moberg K, Petersson M.

Oxytocin a biochemical link for human relations. Mediator of antistress, well-being, social interaction, growth, healing.

Läkartidningen. 2004;101(35):2634-9. Swedish

Uvnäs-Moberg, K.

Massage and wellbeing, and integrative role for oxytocin? In Touch in labour and infancy.

Edited by Tiffany Field. J&J publishing, 2004.

2003

Thomassen P, Lundwall M, Wiger E, Wollin L, **Uvnäs-Moberg K.**

Doula--a new concept in obstetrics

Lakartidningen. 2003;100(51-52):4268-71. Swedish.

Huhtala V, Lehtonen L, **Uvnäs-Moberg K.**, Korvenranta H.

Low plasma cholecystokinin levels in colicky infants.

J Pediatr Gastroenterol Nutr. 2003;37(1):42-6.

Petersson M, **Uvnäs-Moberg K.**

Systemic oxytocin treatment modulates glucocorticoid and mineralocorticoid receptor mRNA in the rat hippocampus.

Neurosci Lett. 2003; 5,343(2):97-100.

Bystrova K, Widstrom AM, Matthiesen AS, Ransjo-Arvidson AB, Welles-Nystrom B, Wassberg C, Vorontsov I, **Uvnäs-Moberg K.**

Skin-to-skin contact may reduce negative consequences of "the stress of being born": a study on temperature in newborn infants, subjected to different ward routines in St. Petersburg.

Acta Paediatr. 2003;92(3):320-6.

Olausson H, **Uvnäs-Moberg K.**, Sohlstrom A.

Postnatal oxytocin alleviates adverse effects in adult rat offspring caused by maternal malnutrition.

Am J Physiol Endocrinol Metab. 2003;284(3):475-80.

Valros, A., Rundgren, M., Spinka, M., Saloniemi, H., Rydhmer, L., Hultén, F.,

Uvnäs-Moberg, K., Tománek, M., Krejci, P. and Algers, B.

Metabolic state of the sow; associations with nursing behaviour and piglet performance.

Livest. Prod. Sci. 2003; 79:155-167.

Uvnäs-Moberg K

The oxytocin factor. Tapping the hormone of calm, love and healing.

A Merloyd Lawrence Book. Da Capo Press 2003

Uvnäs Moberg, K.

Beröring och närhet minskar stress.

Pfizer

2002

Holst S, **Uvnäs-Moberg K**, Petersson M.

Postnatal oxytocin treatment and postnatal stroking of rats reduce blood pressure in adulthood.

Auton Neurosci. 2002;99(2):85-90.

Lund I, Ge Y, Yu LC, **Uvnäs-Moberg K**, Wang J, Yu C, Kurosawa M, Agren G, Rosen A, Lekman M, Lundeberg T.

Repeated massage-like stimulation induces long-term effects on nociception: contribution of oxytocinergic mechanisms.

Eur J Neurosci. 2002 Jul;16(2):330-8. Erratum in: Eur J Neurosci. 2005 Sep;22(6):1553-4. Ge, Y [added].

Sohlstrom A, Olausson H, Brismar K, **Uvnäs-Moberg K**.

Oxytocin treatment during early life influences reproductive performance in ad libitum fed and food-restricted female rats.

Biol Neonate. 2002;81(2):132-8.

Petersson, M. and **Uvnäs-Moberg, K**.

Oxytocin decreases plasma levels of thyroid-stimulating hormone and thyroid hormones in rats.

Regul peptides 2002;108:83-87.

Sohlström, A., Olausson, H., Brismar, K. and **Uvnäs-Moberg, K**.

Oxytocin treatment during early life influences reproductive performance, in ad libitum fed and food restricted female rats.

Biol. Neonate 2002; 81(2):1132-138

Uvnäs-Moberg, K. Kroppens antistresssystem.

In: Stress - molekylerna, individen, organisationen, samhället. Editors B. Arnetz and R. Ekman.

Liber Distribution, Stockholm, 2002.

Uvnäs-Moberg, K.

Oxytocin - A possible mediator of anti stress effects induced by acupuncture?

J. Australian Medical Acupuncture College 2002; 19:25.

2001

Lindström, T., Redbo, I. and **Uvnäs-Moberg, K**.

Plasma oxytocin and cortisol concentrations in dairy cows in relation to feeding duration and rumen fill.

Physiol. Behav. 2001, 72:73-81.

Lupoli, B., Johansson, B., **Uvnäs-Moberg, K.** and Svennersten-Sjaunja, K.
Effect of suckling on the release of oxytocin, prolactin, cortisol, gastrin, CCK,
somatostatin, and insulin in dairy cows and their calves.
J. Dairy Res. 2001, 68:175-187.

Matthiesen, A.-S., Ransjö-Arvidsson, A.-B., Nissen, E. and **Uvnäs-Moberg, K.**
Postpartum maternal oxytocin release by newborns: effects of infant hand
massage and sucking.
Birth 2001, 28:13-19.

Petersson, M., Wiberg, U., Lundeberg, T. and **Uvnäs-Moberg, K.** Oxytocin
decreases carrageenan induced inflammation in rats.
Peptides 2001, 22:1479-1484.

Ransjö-Arvidsson, A.-B., Matthiesen, A.-S., Lilja, G., Nissen, E., Widström, A.-
M. and **Uvnäs-Moberg, K.**
Maternal analgesia during labor disturbs newborn behavior: Effects on
breastfeeding, temperature and crying.
Birth 2001, 28:5-12.

Uvnäs-Moberg, K., Johansson, B., Lupoli, B. and Svennersten-Sjaunja, K.
Oxytocin facilitates behavioural, metabolic and physiological adaptations during
lactation.
Appl. Anim. Behav. Sci. 2001, 72:225-234.

Uvnäs-Moberg, K.
Lugn och beröring. Oxytocinets läkande verkan i kroppen.
Natur och Kultur, Borås, 2001.

2000

Anderberg, U. M. and **Uvnäs-Moberg, K.**
Plasma oxytocin levels in female fibromyalgia syndrome patients.
Z Rheumatol 2000, 59:373-379.

Diaz-Cabiale, Z., Narváez, J., Petersson, M., **Uvnäs-Moberg, K.** and Fuxe, K.
Oxytocin/alfa2-receptor interactions on feeding responses.
Neuroendocrinology 2000, 71:209-218.

Diaz-Cabiale, Z., Narváez, J. A., Garrido, R., Petersson, M., **Uvnäs-Moberg, K.**
and Fuxe, K.
Antagonistic oxytocin/alpha2-receptor interactions in the nucleus tractus solitarii:
Relevance for central cardiovascular control.
J. Neuroendocrinol. 2000, 12:1167- 1173.

Diaz-Cabiale, Z., Petersson, M., Narváez, J. A., **Uvnäs-Moberg, K.** and Fuxe, K.

Systemic oxytocin treatment modulates alpha2- adrenoceptors in telencephalic and diencephalic regions of the rat.
Brain Res. 2000, 421-425.

Sjögren, B., Widström, A. M., Edman, G. and **Uvnäs-Moberg, K.**
Changes in personality pattern during first pregnancy and lactation.
J. Psychosom. Obstet. Gynaecol. 2000, 21:31-38.

Sohlström, A., Carlsson, C. and **Uvnäs-Moberg, K.**
Effects of oxytocin treatment in early life on body weight and corticosterone in adult offspring from ad libitum fed and food restricted rats.
Biol. Neonate 2000, 78:33-40.

Svanborg, P., Mattila-Evenden, M., Gustavsson, P., **Uvnäs-Moberg, K.** and Åsberg, M.
Associations between plasma glucose and DSM-III-R cluster B personality traits in psychiatric outpatients.
Neuropsychobiology 2000, 41:79-87.

Svennersten-Sjaunja, K., Johansson, B., Redbo, I. and **Uvnäs-Moberg, K.**
The effect of feeding during milking on oxytocin release, milk production, milking parameters and cow behaviour.
Proc. Int. Symp. August 17-19. In: Robotic milking. Lelystad, The Netherlands, 2000, 196-197.

Uvnäs-Moberg, K., Eklund, M., Hillegaart, V. and Ahlenius, S.
Improved conditioned avoidance learning by oxytocin administration in high-emotional male Sprague- Dawley rats.
Regul. Pept. 2000, 88:27-32.

1999

Johansson, B., **Uvnäs-Moberg, K.**, Knight, C. and Svennersten-Sjaunja, K.
The effect of feeding before, during and after milking on milk production and the hormones oxytocin, prolactin, gastrin and somatostatin.
J. Dairy Res. 1999, 66:151-163.

Lund, I., Lundeberg, T., Kurosawa, M. and **Uvnäs-Moberg, K.**
Sensory stimulation (massage) reduces blood pressure in unanaesthetized rats.
J. Auton. Nerv. Syst. 1999, 78:30-37.

Petersson, M., Hulting, A. L. and **Uvnäs-Moberg, K.**
Oxytocin causes a sustained decrease in plasma levels of corticosterone in rats.
Neurosci. Lett. 1999, 264:41-44.

Petersson, M., Hulting, A.-L., Andersson, R. and **Uvnäs-Moberg, K.**
Long-term changes in gastrin, cholecystokinin and insulin in response to oxytocin treatment.
Neuroendocrinology 1999, 69:202-208.

Petersson, M., Lundeberg, T. and **Uvnäs-Moberg, K.**
Short-term increase and long-term decrease in blood pressure in response to oxytocin - potentiating effect of female steroid hormones.
J. Cardiovasc. Pharmacol. 1999, 33:102-108.

Petersson, M., Lundeberg, T. and **Uvnäs-Moberg, K.**
Oxytocin enhances the effects of clonidine on blood pressure and locomotor activity in rats.
J. Auton. Nerv. Syst. 1999, 78:49-56.

Smedh, U., Kaplan, J., Björkstrand, E. and **Uvnäs-Moberg, K.**
Dual effects of the somatostatin analogue octreotide on gastric emptying during and after intragastric fill.
Am. J. Physiol. 1999, 277:R1291-R1296.

Smedh, U., Kaplan, J. M. and **Uvnäs-Moberg, K.**
Corticotropin-releasing factor - induced suppression of gastric emptying is blocked by cyclo(7-aminoheptanoyl-phe-D-TRP- LYS-THR[BZL]), an in vivo somatostatin antagonist.
Neurosci. Lett. 1999, 260:41- 44.

Sohlström, A., Brismar, K., Carlsson-Skwirut, C., Bang, P. and **Uvnäs-Moberg, K.**
Effects of oxytocin on the IGF-axis and some gastrointestinal hormones, in ad libitum fed and food-restricted female rats.
Acta Physiol. Scand. 1999, 166:223-230.

Sohlström, A., Carlsson-Skwirut, C., Bang, P., Brismar, K. and **Uvnäs-Moberg, K.**
Effects of oxytocin treatment early in pregnancy, on fetal growth, in ad libitum fed and food restricted rats.
Pediatr. Res. 1999, 46:339-344.

Uvnäs-Moberg, K., Björkstrand, E., Hillegaart, V. and Ahlenius, S.
Oxytocin as a possible mediator of SSRI-induced antidepressant effects.
Psychopharmacology (Berl) 1999, 142:95-101.

Uvnäs-Moberg, K., Björkstrand, E., Salmi, P., Johansson, C., Åstrand, M. and Ahlenius, S.
Endocrine and behavioral traits in a low avoidance performing substrain of Sprague- Dawley rats.
Regul. Pept. 1999, 80:75-82.

Johansson, B., Svennersten-Sjaunja, K. and **Uvnäs-Moberg, K.**
Utfodring under mjölkning - kan påverka kons fysiologi, mjölkavkastning och beteende.
Sveriges Lantbruksuniversitet, JLT-fakulteten. Fakta, Jordbruk 1999, Nr 7.

1998

Ferreira, M. F., Sobrinho, L. G., Santos, M. A., Sousa, M. F. and **Uvnäs-Moberg, K.**
Rapid weight gain, at least in some women, is an expression of a neuroendocrine state characterized by reduced hypothalamic dopaminergic tone.
Psychoneuroendocrinology 1998, 23:1005-1013.

Hillegaart, V., Alster, P., **Uvnäs-Moberg, K.** and Ahlenius, S.
Sexual motivation promotes oxytocin secretion in male rats.
Peptides 1998, 19:39-45.

Johansson, B., Olofsson, J., Wiktorsson, H., **Uvnäs-Moberg, K.** and Svennersten-Sjaunja, K.
A comparison between manual prestimulation versus feeding stimulation during milking in dairy cows.
Swedish. J. Agric. Res. 1998, 28:177-187.

Jonsson, B., **Uvnäs-Moberg, K.**, Theorell, T. and Gotthard, R.
Gastrin, cholecystokinin and somatostatin in a laboratory experiment of patients with functional dyspepsia.
Psychosom. Med. 1998, 60:331-337.

Knox, S. and **Uvnäs-Moberg, K.**
Social isolation and cardiovascular disease: an atherosclerotic connection.
Psychoneuroendocrinology 1998, 23:877-890.

Kurosawa, M., **Uvnäs-Moberg, K.** and Lundeberg, T.
Intracerebroventricularly administered oxytocin has no direct influence on the somatosensory system in anesthetized rats - evaluation by cortical somatosensory evoked potentials.
J. Phys. Ther. Sci. 1998, 10:73-79.

Nissen, E., Gustavsson, P., Widström, A.-M. and **Uvnäs-Moberg, K.**
Oxytocin, prolactin, milk production and their relationship with personality traits in women after vaginal delivery or cesarean section.
J. Psychosom. Obstet. Gynaecol. 1998, 19:49-58.

Petersson, M., Ahlenius, S., Wiberg, U., Alster, P. and **Uvnäs-Moberg, K.**
Steroid dependent effects of oxytocin on spontaneous motor activity in female rats.
Brain Res. Bull. 1998, 45:301-305.

Petersson, M., Lundeberg, T., Sohlström, A., Wiberg, U. and **Uvnäs-Moberg, K.**
Oxytocin increases the survival of musculocutaneous flaps.
Naunyn-Schmiedeberg's Arch. Pharmacol. 1998, 357:701-704.

Petersson, M., **Uvnäs-Moberg, K.**, Erhardt, S. and Engberg, G.
Oxytocin increases locus coeruleus alpha 2-adrenoreceptor responsiveness in rats.
Neurosci. Lett. 1998, 255:115-118.

Samuelsson, B., Emanuelsson, M., Olsson, G., **Uvnäs-Moberg, K.** and
Svennersten-Sjaunja, K.
Hormonal profiles, rumen volatile fatty acids and milk trans-C18:1 fatty acids in
relation to the milk fat content in ad libitum or restrictedly fed dairy cows.
Acta Agric. Scand., Sect. A, Animal Sci. 1998, 48:76-85.

Smedh, U., Håkansson, M. L., Meister, B. and **Uvnäs-Moberg, K.**
Leptin injected into the fourth ventricle inhibits gastric emptying.
NeuroReport 1998, 9:297-301.

Törnhage, C. J., Serenius, F., **Uvnäs-Moberg, K.** and Lindberg, T.
Plasma somatostatin and cholecystokinin levels in preterm infants during
kangaroo care with and without nasogastric tube feeding.
J. Pediatr. Endocrinol. Metab. 1998, 11:645-651.

Törnhage, C. J., Serenius, F., **Uvnäs-Moberg, K.** and Lindberg, T.
Plasma somatostatin and cholecystokinin levels in response to feeding in preterm
infants. J. Pediatr.
Gastroenterol. Nutr. 1998, 27:199-205.

Uvnäs-Moberg, K.
Antistress pattern induced by oxytocin.
News Physiol. Sci. (NIPS) 1998, 13:22-26.

Uvnäs-Moberg, K.
Oxytocin may mediate the benefits of positive social interaction and emotions.
Psychoneuroendocrinology 1998, 23:819-835.

Uvnäs-Moberg, K., Alster, P., Petersson, M., Sohlström, A. and Björkstrand, E.
Postnatal oxytocin injections cause sustained weight gain and increased
nociceptive thresholds in male and female rats.
Pediatr. Res. 1998, 43:344-348.

Uvnäs-Moberg, K. and Carter, C. S.
Introduction to psychoneuroendocrinology volume: Is there a neurobiology of
love?
Psychoneuroendocrinology 1998, 23:749-750.

Uvnäs-Moberg, K.

Oxytocin-hormonet som frisätts vid beröring och gör oss lugnare.
Sjukgymnasten 1998, 2:24-27.

1997

Björkstrand, E., Hulting, A. L. and **Uvnäs-Moberg, K.**

Evidence for a dual function of oxytocin in the control of growth hormone secretion in rats.

Regul. Pept. 1997, 69:1- 5.

Hillegaart, V., Alster, P., **Uvnäs-Moberg, K.** and Ahlenius, S.

Heterosexual interactions promotes oxytocin secretion in sexually naive, but not experienced, male wistar rats.

Ann. N. Y. Acad. Sci. 1997, 807:530-533.

Kurosawa, M., **Uvnäs-Moberg, K.**, Miyasaka, K. and Lundeberg, T.

Interleukin-1 increases activity of the gastric vagal afferent nerve partly via stimulation of type A CCK receptor in anesthetized rats.

J. Auton. Nerv. Syst. 1997, 62:72-78.

Lokrantz, C. M., **Uvnäs-Moberg, K.** and Kaplan, J. M.

Effects of central oxytocin administration on intraoral intake of glucose in deprived and nondeprived rats.

Physiol. Behav. 1997, 62:347-352.

Nissen, E., Widström, A. M., Lilja, G., Matthiesen, A. S., **Uvnäs-Moberg, K.**, Jacobsson, G. and Boreus, L. O.

Effects of routinely given pethidine during labour on infants' developing breastfeeding behaviour. Effects of dose-delivery time interval and various concentrations of pethidine/norpethidine in cord plasma.

Acta Paediatr. 1997, 86:201-208.

Nowak, R., Murphy, T. M., Lindsay, D. R., Alster, P., Andersson, R. and **Uvnäs-Moberg, K.**

Development of a preferential relationship with the mother by the newborn lamb: Importance of the sucking activity.

Physiol. Behav. 1997, 62:681-688.

Nowak, R., Orgeur, P., Piketty, V., Alster, P., Andersson, R. and **Uvnäs-Moberg, K.**

Plasma cholecystokinin concentrations in 3-day-old lambs: effect of the duration of fasting preceding a sucking bout.

Reprod. Nutr. Dev. 1997, 37:551-558.

Nowak, R., Schaal, B., Goursaud, A. P., Lévy, F., Orgeur, P., Picard, M., Meunier-Salaün, M. C., Alster, P. and **Uvnäs-Moberg, K.**
Cholecystokinin receptors mediate the development of a preference for the mother by newly born lambs.
Behav. Neurosci. 1997, 111:1375-1382.

Petersson, M., Lundeberg, T. and **Uvnäs-Moberg, K.**
Oxytocin decreases blood pressure in male but not in female spontaneously hypertensive rats.
J. Auton. Nerv. Syst. 1997, 66:15-18.

Törnhage, C. J., Serenius, F., **Uvnäs-Moberg, K.** and Lindberg, T.
Plasma somatostatin and cholecystokinin levels in sick preterm infants during their first 6 weeks of life.
Acta Paediatr. 1997, 86:847-850.

Törnhage, C. J., Serenius, F., **Uvnäs-Moberg, K.** and Lindberg, T.
Plasma somatostatin and cholecystokinin levels in preterm infants during their first 2 years of life.
Pediatr. Res. 1997, 41:902-908.

Uvnäs-Moberg, K.
Physiological and endocrine effects of social contact.
Ann. N. Y. Acad. Sci. 1997, 807:146-163.

Uvnäs-Moberg, K.
Oxytocin-linked antistress effects - the relaxation and growth response.
Acta Physiol. Scand. 1997, Suppl. 640, 161:38-42.

Uvnäs-Moberg, K.
Mäns och kvinnors sätt att reagera på stress.
In: Remeron; Sammanfattning från symposium i sårbarhet. Uppsala, Sweden, 1997, 8

Wells, A., Read, N. W., **Uvnäs-Moberg, K.** and Alster, P.
Influences of fat and carbohydrate on postprandial sleepiness, mood, and hormones.
Physiol. Behav. 1997, 61:679-686.

Ågren, G., Olsson, C., **Uvnäs-Moberg, K.** and Lundeberg, T.
Olfactory cues from an oxytocin-injected male rat can reduce energy loss in its cagemates.
NeuroReport 1997, 8:2551-2555.

Ågren, G., **Uvnäs-Moberg, K.** and Lundeberg, T.
Olfactory cues from an oxytocin-injected male rat can induce anti-nociception in its cagemates.
NeuroReport 1997, 8:3073- 3076.

1996

Björkstrand, E., Ahlenius, S., Smedh, U. and **Uvnäs-Moberg, K.**
The oxytocin receptor antagonist 1-deamino-2-D-Tyr-(OEt)-4-Thr-8-Orn-oxytocin inhibits effects of the 5-HT_{1A} receptor agonist 8-OH-DPAT on plasma levels of insulin, cholecystokinin and somatostatin.
Regul. Pept. 1996, 63:47-52.

Björkstrand, E., Eriksson, M. and **Uvnäs-Moberg, K.**
Evidence of a peripheral and a central effect of oxytocin on pancreatic hormone release in rats.
Neuroendocrinology 1996, 63:377-383.

Björkstrand, E. and **Uvnäs-Moberg, K.**
Central oxytocin increases food intake and daily weight gain in rats.
Physiol. Behav. 1996, 59:947-952.

Eriksson, M., Ceccatelli, S., **Uvnäs-Moberg, K.**, Iadarola, M. and Hökfelt, T.
Expression of Fos-related antigens, oxytocin, dynorphin and galanin in the paraventricular and supraoptic nuclei of lactating rats.
Neuroendocrinology 1996, 63:356-367.

Eriksson, M., Lindh, B., **Uvnäs-Moberg, K.** and Hökfelt, T.
Distribution and origin of peptide-containing nerve fibers in the rat and human mammary gland.
Neuroscience 1996, 1:227-245.

Eriksson, M., Lundeberg, T. and **Uvnäs-Moberg, K.**
Studies on cutaneous blood flow in the mammary gland of lactating rats.
Acta Physiol. Scand. 1996, 158:1-6.

Hulting, A. L., Grenbäck, E., Pineda, J., Coya, R., Hökfelt, T., Meister, B. and **Uvnäs-Moberg, K.**
Effect of oxytocin on growth hormone release in vitro.
Regul. Pept. 1996, 67:69-73.

Nissen, E., **Uvnäs-Moberg, K.**, Svensson, K., Stock, S., Widström, A. M. and Winberg, J.
Different patterns of oxytocin, prolactin but not cortisol release during breastfeeding in women delivered by caesarean section or by the vaginal route.
Early Hum. Dev. 1996, 45:103-118.

- Petersson, M., Alster, P., Lundeberg, T. and **Uvnäs-Moberg, K.**
Oxytocin increases nociceptive thresholds in a long-term perspective in female and male rats.
Neurosci. Lett. 1996, 212:87-90.
- Petersson, M., Alster, P., Lundeberg, T. and **Uvnäs-Moberg, K.**
Oxytocin causes a long-term decrease of blood pressure in female and male rats.
Physiol. Behav. 1996, 60:1311- 1315.
- Samuelsson, B., **Uvnäs-Moberg, K.**, Gorewit, R. and Svennersten-Sjaunja, K.
Profiles of the hormones somatostatin, gastrin, CCK, prolactin, growth hormone, oxytocin and cortisol. II. In dairy cows that are milked during food deprivation.
Livestock Prod. Sci. 1996, 46(1):57-64.
- Samuelsson, B., **Uvnäs-Moberg, K.**, Gorewit, R. and Svennersten-Sjaunja, K.
Profiles of the hormones somatostatin, gastrin, CCK, prolactin, growth hormone and cortisol. I. In dairy cows that are milked and fed separately or milked and fed simultaneously.
Livestock Prod. Sci. 1996, 46(1):49-56.
- Törnhage, C. J., Serenius, F., **Uvnäs-Moberg, K.** and Lindberg, T.
Plasma somatostatin and cholecystokinin levels in preterm infants during first day of life.
Biol. Neonate 1996, 70:311-321.
- Uvnäs-Moberg, K.**
Our undiscovered "peace and calm" hormones.
Ass. Mass. Terap. Aust.Inc.: Newsletter 1996, 7:7-9.
- Uvnäs-Moberg, K.**
Neuroendocrinology of the mother-child interaction.
Trends Endocrinol. Metab. 1996, 7:126-131.
- Uvnäs-Moberg, K.**
Hormoner reglerar råttans ätbeteende.
Läkartidningen 1996, 93:4144- 4149.
- Uvnäs-Moberg, K.**, Ahlenius, S., Alster, P. and Hillegaard, V.
Effects of selective serotonin and dopamine agonists on plasma levels of glucose, insulin and glucagon in the rat.
Neuroendocrinology 1996, 63:269-274.
- Uvnäs-Moberg, K.**, Alster, P., Lund, I., Lundeberg, T., Kurosawa, M. and Ahlenius, S.
Stroking of the abdomen causes decreased locomotor activity in conscious male rats.
Physiol. Behav. 1996, 60:1409-1411.

Uvnäs-Moberg, K., Alster, P. and Petersson, M.

Dissociation of oxytocin effects on body weight in two variants of female Sprague-Dawley rats.

Integr. Physiol. Behav. Sci. 1996, 31:44-55.

Uvnäs-Moberg, K. and Eriksson, M.

Breastfeeding: physiological, endocrine and behavioural adaptations caused by oxytocin and local neurogenic activity in the nipple and the mammary gland.

Acta Paediatr. 1996, 85:525-530.

Uvnäs-Moberg, K., Hillegaard, V., Alster, P. and Ahlenius, S.

Effects of 5-HT agonists, selective for different receptor subtypes on oxytocin, CCK, gastrin and somatostatin plasma levels in the rat.

Neuropharmacology 1996, 35:1635-1640.

1995

Alfvén, G., Gustavsson, P. and **Uvnäs-Moberg, K.**

Age-related decrease in plasma levels of gastrin, cholecystokinin and somatostatin.

Acta Paediatr. 1995, 84:1344-1346.

Christensson, K., Cabrera, T., Christensson, E., **Uvnäs-Moberg, K.** and Winberg, J.

Separation distress call in the human neonate in the absence of maternal body contact.

Acta Paediatr. 1995, 84:468-473.

Kurosawa, M., Lundeberg, T., Ågren, G., Lund, I. and **Uvnäs-Moberg, K.**

Massage-like stroking of abdomen lowers blood pressure in anesthetized rats: influence of oxytocin.

J. Auton. Nerv. Syst. 1995, 56:26-30.

Nissen, E., Lilja, G., Matthiesen, A. S., Ransjö-Arvidson, A. B., **Uvnäs-Moberg, K.** and Widström, A. M.

Effects of maternal pethidine on infants' developing breastfeeding behaviour.

Acta Paediatr. 1995, 84:140-145.

Nissen, E., Lilja, G., Widström, A. M. and **Uvnäs-Moberg, K.**

Elevation of oxytocin levels early post partum in women.

Acta Obstet. Gynecol. Scand. 1995, 74:530-533.

Smedh, U., **Uvnäs-Moberg, K.**, Grill, H. J. and Kaplan, J. M.

Fourth ventricle injection of corticotropin-releasing factor and gastric emptying of glucose during gastric fill.

Am. J. Physiol. 1995, 269:G1000-G1003.

Svennersten, K., Gorewit, R. C., Sjaunja, L. O. and **Uvnäs-Moberg, K.**
Feeding during milking enhances milking-related oxytocin secretion and milk production in dairy cows whereas food deprivation decreases it.
Acta Physiol. Scand. 1995, 153:309-310.

Törnhage, C. J., Serenius, F., **Uvnäs-Moberg, K.** and Lindberg, T.
Plasma somatostatin and cholecystokinin levels in preterm infants and their mothers at birth.
Pediatr. Res. 1995, 37:771-776.

Uvnäs-Moberg, K.

Hur påverkas kropp och själ av kvinnans könshormoner?
Läkardagarna i Örebro, maj 8-9, Sverige, 1995.

Uvnäs-Moberg, K., Alster, P., Hillegaard, V. and Ahlenius, S.
Suggestive evidence for a DA D3 receptor-mediated increase in the release of oxytocin in the male rat.
NeuroReport 1995, 6:1338-1340.

Ågren, G., Lundeberg, T., **Uvnäs-Moberg, K.** and Sato, A.
The oxytocin antagonist 1- deamino-2-D-Tyr-(Oet)-4-Thr-8-Orn-oxytocin reverses the increase in the withdrawal response latency to thermal, but not mechanical nociceptive stimuli following oxytocin administration or massage-like stroking in rats.
Neurosci. Lett. 1995, 187:49-52.

1994

Robèrt R, **Uvnäs Moberg K.**
Hon och han – Födda olika.
Brombergs, 1994.

Alfvén, G., De la Torre, B. and **Uvnäs-Moberg, K.**
Depressed concentrations of oxytocin and cortisol in children with recurrent abdominal pain of non-organic origin.
Acta Paediatr. 1994, 83:1076-1080.

Eriksson, M., Björkstrand, E., Smedh, U., Alster, P., Matthiesen, A. S. and **Uvnäs-Moberg, K.**
Role of vagal nerve activity during suckling. Effects on plasma levels of oxytocin, prolactin, VIP, somatostatin, insulin, glucagon, glucose and of milk secretion in lactating rats.
Acta Physiol. Scand. 1994, 151:453-459.

Kurosawa, M., Nagai, N., Sato, A. and **Uvnäs-Moberg, K.**
Somatic afferent regulation of plasma immunoreactive glucagon in anesthetized rats.

Jpn. J. Physiol. 1994, 44:221- 230.

Lindman, R. E., Ahlund, N., Hannuksela, S., Holmström-Mellberg, K., Eriksson, C. J. P. and **Uvnäs-Moberg, K.**

Hormonal covariates of socioemotional communication as a function of assertiveness, gender, and alcohol.

7th Cong. Int. Soc. Biomed. Res. Alcoholism, Queensland, Australia, June 26-July 1, 1994.

Lundeberg, T., **Uvnäs-Moberg, K.**, Ågren, G. and Bruzelius, G.

Anti-nociceptive effects of oxytocin in rats and mice.

Neurosci. Lett. 1994, 170:153-157.

Marchini, G., Simoni, M. R., Bartolini, F. and **Uvnäs-Moberg, K.**

Plasma gastrin and somatostatin levels in newborn infants receiving supplementary formula feeding.

Acta Paediatr. 1994, 83:374-377.

Smedh, U. and **Uvnäs-Moberg, K.**

Intracerebroventricularly administered corticotropin- releasing factor releases somatostatin through a cholinergic, vagal pathway in freely fed rats.

Acta Physiol. Scand. 1994, 151:241-248.

Uvnäs-Moberg, K.

Oxytocin and behaviour.

Ann. Med. 1994, 26:315-317.

Uvnäs-Moberg, K.

Role of efferent and afferent vagal nerve activity during reproduction: integrating function of oxytocin on metabolism and behaviour.

Psychoneuroendocrinology 1994, 19:687-695.

Uvnäs-Moberg, K.

De okända lugn-och-ro-hormonerna.

Forskning och Framsteg 1994, 7:11-14.

Uvnäs-Moberg, K., Ahlenius, S., Hillegaard, V. and Alster, P.

High doses of oxytocin cause sedation and low doses cause an anxiolytic-like effect in male rats.

Pharmacol. Biochem. Behav. 1994, 49:101-106.

1993

Alfvén, G. and **Uvnäs-Moberg, K.**

Elevated cholecystokinin concentrations in plasma in children with recurrent abdominal pain.

Acta Paediatr. 1993, 82:967-970.

Björkstrand, E., Hulting, A. L., Meister, B. and **Uvnäs-Moberg, K.**

Effect of galanin on plasma levels of oxytocin and cholecystokinin.

Neuro Report 1993, 4:10-12.

Castrén, H., Algers, B., De Passillé, A. M., Rushen, J. and **Uvnäs-Moberg, K.**
Preparturient variation in progesterone, prolactin, oxytocin and somatostatin in relation to nest building in sows.

Appl. Anim. Behav. Sci. 1993, 38:91-102.

Castrén, H., Algers, B., De Passillé, A. M., Rushen, J. and **Uvnäs-Moberg, K.**

Early milk ejection, prolonged parturition and periparturient oxytocin release in the pig.

Anim. Prod. 1993, 57:465-471.

Hotta, H., Sato, A., Sato, Y. and **Uvnäs-Moberg, K.**

Somatic afferent regulation of plasma prolactin in anesthetized rats.

Jpn. J. Physiol. 1993, 43:501-509.

Lundeberg, T., Meister, B., Björkstrand, E. and **Uvnäs-Moberg, K.**

Oxytocin modulates the effects of carrageenan-induced hyperalgesia in rats.

Brain Res. 1993, 608:181-185.

Marchini, G., Persson, B. and **Uvnäs-Moberg, K.**

Metabolic correlates of behaviour in the newborn infant.

Physiol. Behav. 1993, 54:1021-1023.

Meister, B., Hulting, A. L., **Uvnäs-Moberg, K.** and Hökfelt, T.

Galanin stimulates the release of cholecystokinin from nerve fibres in the pituitary neurointermediate lobe.

NeuroReport 1993, 4:631-634.

Pierzynowski, S. G., Mårtensson, H., Weström, B. R., Ahrén, B., **Uvnäs-Moberg, K.** and Karlsson, B. W.

Cholecystokinin (CCK 33) can stimulate pancreatic secretion by a local intestinal mechanism in the pig.

Biomed. Res. 1993, 14:217-221.

Rojkittikhun, T., Einarsson, S., **Uvnäs-Moberg, K.** and Edqvist, L. E.

Body weight loss during lactation in relation to energy and protein metabolism in standard-fed primiparous sows.

J. Vet. Med. 1993, A40:249-257.

Rojkittikhun, T., Einarsson, S., **Uvnäs-Moberg, K.**, Lundeheim, N. and Madej, A.

Patterns of release of oxytocin, prolactin, insulin and LH in lactating sows, studied using continuous blood collection technique.

J. Vet. Med. 1993, A40:412-421.

Rojkittikhun, T., Einarsson, S., Zilinskas, H., Edqvist, L. E., **Uvnäs-Moberg, K.** and Lundeheim, N.

Effect of insulin administration at weaning on hormonal patterns and reproductive performance in primiparous sows.

J. Vet. Med. 1993, A40:161-168.

Rojkittikhun, T., **Uvnäs-Moberg, K.** and Einarsson, S.

Plasma oxytocin, prolactin, insulin and LH after 24 h of fasting and after refeeding in lactating sows.

Acta Physiol. Scand. 1993, 148:413-419.

Stock, S., Bremme, K. and **Uvnäs-Moberg, K.**

Is oxytocin involved in the deterioration of glucose tolerance in gestational diabetes?

Gynecol. Obstet. Invest. 1993, 36:81-86.

Uvnäs-Moberg, K.

The biological clock. Role of oxytocin in female physiology and psychology.

Proc. 7th Int. Cong. on the Menopause, Stockholm, Sweden, June 20-24, 1993.

Uvnäs-Moberg, K., Arn, I., Jonsson, C. O., Ek, S. and Nilsson, Å.

The relationships between personality traits and plasma gastrin, cholecystokinin, somatostatin, insulin, and oxytocin levels in healthy women.

J. Psychosom. Res. 1993, 37:581-588.

Uvnäs-Moberg, K., Bruzelius, G., Alster, P. and Lundeberg, T.

The antinociceptive effect of non-noxious sensory stimulation is partly mediated through oxytocinergic mechanisms.

Acta Physiol. Scand. 1993, 149:199-204.

Uvnäs-Moberg, K., Lundeberg, T., Bruzelius, G. and Alster, P.

Low doses of ethanol may induce anti-nociceptive effects via an oxytocinergic mechanism.

Acta Physiol. Scand. 1993, 149:117-118.

Uvnäs-Moberg, K., Marchini, G. and Winberg, J.

Plasma cholecystokinin concentrations after breast feeding in healthy 4 day old infants.

Appl. Anim. Behav. Sci. 1993, 68:46-48.

1992

Alino, S. F., Garcia, D. and **Uvnäs-Moberg, K.**

Alpha2-receptor-mediated inhibition of intraluminal release of gastric somatostatin in anaesthetized rats.

Acta Physiol. Scand. 1992, 144:233-238.

Björkstrand, E., Eriksson, M. and **Uvnäs-Moberg, K.**

Plasma levels of oxytocin after food deprivation and hypoglycaemia, and effects of 1-deamino-2-D-Tyr-(OEt)-4-Thr-8-Orn-oxytocin on blood glucose in rats.

Acta Physiol. Scand. 1992, 144:355-359.

Einarsson, S., Rojkittikhun, T. and **Uvnäs-Moberg, K.**

Metabolic and reproductive hormones during lactation and the post-weaning periods in sows.

J. Physiol. Pharmacol. 1992, Suppl.1, 43:207-213.

Gorewit, R. C., Svennersten, K., Butler, W. R. and **Uvnäs-Moberg, K.**

Endocrine responses in cows milked by hand and machine.

J. Dairy Sci. 1992, 75:443-448.

Marchini, G., Redham, I. and **Uvnäs-Moberg, K.**

Plasma gastrin-34 increases during and immediately after breast-feeding in 3-day old infants.

J. Pediatr. Gastroenterol. Nutr. 1992, 14:140-145.

Marchini, G. and **Uvnäs-Moberg, K.**

Levels and molecular forms of gastrin and somatostatin in plasma and in gastric contents of infants after section delivery.

J. Pediatr. Gastroenterol. Nutr. 1992, 14:406-412.

Rojkittikhun, T., Einarsson, S., Edqvist, L. E., **Uvnäs-Moberg, K.** and Lundeheim, N.

Relationship between lactation-associated body weight loss, levels of metabolic and reproductive hormones and weaning-to-oestrous interval in primiparous sows.

J. Vet. Med. 1992, A39:426-432.

Rojkittikhun, T., Einarsson, S., Edqvist, L. E., **Uvnäs-Moberg, K.** and Lundeheim, N.

Relationship between lactation-associated body weight loss, levels of metabolic and reproductive hormones and weaning-to-oestrous interval in primiparous sows.

Proc. 12th ICAR, The Hague, The Netherlands, 1992.

Rojkittikhun, T., **Uvnäs-Moberg, K.** and Einarsson, S.

Plasma oxytocin, prolactin, insulin and LH after 24 h of fasting and after refeeding in lactating sows.

Proc. 12th IPVS, Hague, The Netherlands, 1992.

Svennersten, K., Nelson, L. and **Uvnäs-Moberg, K.**
Atropinization decreases oxytocin secretion in dairy cows.
Acta Physiol. Scand. 1992, 145:193-194.

Uvnäs-Moberg, K.
The endocrine system of the gut during growth and reproduction. Role of efferent and afferent vagal mechanisms.
Proc. Nutr. Soc. Aust. 17th Scientific Meeting, Perth, Australia, Dec 6-9, 1992.

Uvnäs-Moberg, K., Alster, P., Hillegaart, V. and Ahlenius, S.
Oxytocin reduces exploratory motor behaviour and shifts the activity towards the centre of the arena in male rats.
Acta Physiol. Scand. 1992, 145:429-430.

Uvnäs-Moberg, K., Alster, P. and Svensson, T.
Amperozide and clozapine but not haloperidol or raclopride increase the secretion of oxytocin in rats.
Psychopharmacology 1992, 109:473-476.

Uvnäs-Moberg, K., Bruzelius, G., Alster, P., Bileviciute, I. and Lundeberg, T.
Oxytocin increases and a specific oxytocin antagonist decreases pain threshold in male rats.
Acta Physiol. Scand. 1992, 144:487-488.

Uvnäs-Moberg, K., Lundeberg, T., Bruzelius, G. and Alster, P.
Vagally mediated release of gastrin and cholecystokinin following sensory stimulation.
Acta Physiol. Scand. 1992, 146:349-356.

1991

Ahrén, B., Pettersson, M., **Uvnäs-Moberg, K.**, Gutniak, M. and Efendic, S.
Effects of cholecystokinin (CCK)-8, CCK-33, and gastric inhibitory polypeptide (GIP) on basal and meal-stimulated pancreatic hormone secretion in man.
Diab. Res. Clin. Pract. 1991, 13:153-162.

Algers, B., Madej, A., Rojanasthien, S. and **Uvnäs-Moberg, K.**
Quantitative relationships between suckling-induced teat stimulation and the release of prolactin, gastrin, somatostatin, insulin, glucagon and vasoactive intestinal polypeptide in sows.
Vet. Res. Comm. 1991, 15:395-407.

Rojkittikhun, T., **Uvnäs-Moberg, K.**, Einarsson, S. and Lundeheim, N.
of weaning on plasma levels of prolactin, oxytocin, insulin, glucagon, glucose, gastrin and somatostatin in sows.
Acta Physiol. Scand. 1991, 141:295-303.

Silber, M., Larsson, B. and **Uvnäs-Moberg, K.**

Oxytocin, somatostatin, insulin and gastrin concentrations vis-à-vis late pregnancy, breastfeeding and oral contraceptives.

Acta Obstet. Gynecol. Scand. 1991, 70:283-289.

Stock, S., Bremme, K. and **Uvnäs-Moberg, K.**

Plasma levels of oxytocin during the menstrual cycle, pregnancy and following treatment with HMG.

Hum. Reprod. 1991, 6:1056-1062.

Uvnäs-Moberg, K.

Release of vagally controlled gastrointestinal hormones by activation of peripheral sensory nerves.

In: New Trends in Autonomic Nervous System Research. (ed. M. Yoshikawa).

Elsevier Science Publishers B.V., Amsterdam, 1991, 401-404

Uvnäs-Moberg, K. and Alino, S. F.

Vagal and HCl-induced release of somatostatin and gastrin into the gastric lumen of rats.

In: The Stomach as an Endocrine Organ. (eds. R. Håkanson and F. Sundler).

Elsevier Science Publishers B.V., Amsterdam, 1991, 15:151-163

Uvnäs-Moberg, K., Arn, I., Theorell, T. and Jonsson, C. O.

Gastrin, somatostatin and oxytocin levels in patients with functional disorders of the gastrointestinal tract and their response to feeding and interaction.

J. Psychosom. Res. 1991, 35:525-533.

Uvnäs-Moberg, K., Arn, I., Theorell, T. and Jonsson, C. O.

Personality traits in a group of individuals with functional disorders of the gastrointestinal tract and their correlation with gastrin, somatostatin and oxytocin levels.

J. Psychosom. Res. 1991, 35:515-523.

Widström, A. M., Werner, S., Matthiesen, A. S., Svensson, K. and **Uvnäs-Moberg, K.**

Somatostatin levels in plasma in nonsmoking and smoking breast-feeding women.

Acta Paediatr. Scand. 1991, 80:13-21.

1990

Algers, B., Rojanasthien, S. and **Uvnäs-Moberg, K.**

The relationship between teat stimulation, oxytocin release and grunting rate in the sow during nursing.

Appl. Anim. Behav. Sci. 1990, 26:267-276.

Andersson, P. O., Sjögren, C., Uvnäs, B. and **Uvnäs-Moberg, K.**
Urinary bladder and urethral responses to pelvic and hypogastric nerve stimulation and their relation to vasoactive intestinal polypeptide in the anaesthetized dog.

Acta Physiol. Scand. 1990, 138:409-416.

Befrits, R., **Uvnäs-Moberg, K.** and Johansson, C.

Interactions between antral peptides and prostaglandin biosynthesis in gastric acid regulation in man.

Digestion 1990, 45:9-18.

Eriksson, M. and **Uvnäs-Moberg, K.**

Plasma levels of vasoactive intestinal polypeptide and oxytocin in response to suckling, electrical stimulation of the mammary nerve and oxytocin infusion in rats.

Neuroendocrinology 1990, 51:237-240.

Frick, G., Bremme, K., Sjögren, C., Lindén, A. and **Uvnäs-Moberg, K.**

Plasma levels of cholecystokinin and gastrin during the menstrual cycle and pregnancy.

Acta Obstet. Gynecol. Scand. 1990, 69:317-320.

Lindén, A., Eriksson, M., Hansen, S. and **Uvnäs-Moberg, K.**

Suckling-induced release of cholecystokinin into plasma in the lactating rat: effects of abdominal vagotomy and lesions of central pathways concerned with milk ejection.

J. Endocrinol. 1990, 127:257-263.

Lindén, A., **Uvnäs-Moberg, K.**, Forsberg, G., Bednar, I. and Södersten, P.

Involvement of cholecystokinin in food intake: I. Concentration of cholecystokinin-like immunoreactivity in the cerebrospinal fluid of male rats.

J. Neuroendocrinol. 1990, 2:783-789.

Lindén, A., **Uvnäs-Moberg, K.**, Forsberg, G., Bednar, I. and Södersten, P.

Involvement of cholecystokinin in food intake: III. Oestradiol potentiates the inhibitory effect of cholecystokinin octapeptide on food intake in ovariectomized rats.

J. Neuroendocrinol. 1990, 2:797-801.

Lindén, A., **Uvnäs-Moberg, K.**, Forsberg, G., Bednar, P., Eneroth, P. and Södersten, P.

Involvement of cholecystokinin in food intake: II. Lactational hyperphagia in the rat.

J. Neuroendocrinol. 1990, 2:791-796.

Marchini, G., Lagercrantz, H. and **Uvnäs-Moberg, K.**

Plasma gastrin and somatostatin in newborn infants and their relationship to catecholamines.

J. Dev. Physiol. 1990, 14:147-156.

Marchini, G., Persson, B. and **Uvnäs-Moberg, K.**

Plasma gastrin and somatostatin levels in infants during the first four postnatal days.

J. Dev. Physiol. 1990, 14:157-162.

Silber, M., Almkvist, O., Larsson, B. and **Uvnäs-Moberg, K.**

Temporary peripartal impairment in memory and attention and its possible relation to oxytocin concentration.

Life Sci. 1990, 47:57-65.

Stock, S., Fastbom, J., Björkstrand, E., Ungerstedt, U. and **Uvnäs Moberg, K.**

Effects of oxytocin on in vivo release of insulin and glucagon studied by microdialysis in the rat pancreas and autoradiographic evidence for [3H]oxytocin binding sites within the islets of Langerhans.

Regul. Pept. 1990, 30:1-13.

Svennersten, K., Nelson, L. and **Uvnäs-Moberg, K.**

Feeding induced oxytocin release in dairy cows.

Acta Physiol. Scand. 1990, 140:295-296.

Uvnäs-Moberg, K.

Endocrinological control of food intake.

Symposium "Factors influencing food intake in man", Marabou, Stockholm, Sweden, June 16-18, 1990.

Uvnäs-Moberg, K., Widström, A. M., Nissen, E. and Björvell, H.

Personality traits in women 4 days postpartum and their correlation with plasma levels of oxytocin and prolactin.

J. Psychosom. Obstet. Gynaecol. 1990, 11:261-273.

Uvnäs-Moberg, K., Widström, A. M., Werner, S., Matthiesen, A. S. and Winberg, J.

Oxytocin and prolactin levels in breast-feeding women. Correlation with milk yield and duration of breast-feeding.

Acta Obstet. Gynecol. Scand. 1990, 69:301-306.

Widström, A. M., Wahlberg, V., Matthiesen, A. S., Eneroth, P., **Uvnäs-Moberg, K.**, Werner, S. and Winberg, J.

Short-term effects of early suckling and touch of the nipple on maternal behaviour.

Early Hum. Dev. 1990, 21:153-163.

1989

Alino, S. F. and **Uvnäs-Moberg, K.**

Differential effect of bombesin on intraluminal and intravascular release of gastric gastrin and somatostatin in anaesthetized rats.

Acta Physiol. Scand. 1989, 135:565-571.

Arn, I., Theorell, T., **Uvnäs-Moberg, K.** and Jonsson, C.-O.

Psychodrama group therapy for patients with functional gastrointestinal disorders - a controlled long-term follow-up study.

Psychother. Psychosom. 1989, 51:113-119.

Bende, M., Hallgårde, U., Sjögren, C. and **Uvnäs-Moberg, K.**

Nasal congestion during pregnancy.

Clin. Otolaryngol. 1989, 14:385-387.

Christensson, K., Nilsson, B. A., Stock, S., Matthiesen, A. S. and **Uvnäs-Moberg, K.**

Effect of nipple stimulation on uterine activity and on plasma levels of oxytocin in full term, healthy, pregnant women.

Acta Obstet. Gynecol. Scand. 1989, 68:205-210.

Lindén, A., Carlquist, M., Hansen, S. and **Uvnäs-Moberg, K.**

Plasma concentrations of cholecystokinin, CCK-8, and CCK-33,39 in rats, determined by a method based on enzyme digestion of gastrin before HPLC and RIA detection of CCK.

Gut 1989, 30(2):213-222.

Lindén, A., **Uvnäs-Moberg, K.**, Eneroth, P. and Södersten, P.

Stimulation of maternal behavior in rats with cholecystokinin octapeptide.

J. Neuroendocrinol. 1989, 1:389-392.

Lindén, A., **Uvnäs-Moberg, K.**, Forsberg, G., Bednar, I. and Södersten, P.

Plasma concentrations of cholecysto-kinin octapeptide and food intake in male rats treated with cholecystokinin octapeptide. J. Endocrinol. 1989, 121:59-65.

Silber, M., Larsson, B., Stock, S. and **Uvnäs-Moberg, K.**

Effect of oral contraceptive pills on sexual interest in fertile women and on plasma oxytocin levels.

Int. J. Prenatal and Perinatal Studies 1989, 101-108.

Stock, S., Granström, L., Backman, L., Matthiesen, A. S. and **Uvnäs-Moberg, K.**
Elevated plasma levels of oxytocin in obese subjects before and after gastric banding.

Int. J. Obes. 1989, 13:213-222.

Stock, S., Silber, M. and Uvnäs-Moberg, K.

Elevated plasma levels of oxytocin in women taking low-dose oral contraceptives. Identification of the plasma oxytocin with high performance liquid chromatography.

Acta Obstet. Gynecol. Scand. 1989, 68:75-78.

Stock, S. and Uvnäs-Moberg, K.

Interaction between gastrin-17 and oxytocin on plasma levels of insulin, glucagon and glucose in conscious dogs.

Acta Physiol. Scand. 1989, 135:559-564.

Svennersten, K., Nelson, K., Arvinder, K. and Uvnäs-Moberg, K.

Milking and feeding- induced release of the gastrointestinal hormones gastrin and somatostatin in dairy cows.

J. Dairy Sci. 1989, 72:2276-2282.

Uvnäs-Moberg, K.

The gastrointestinal tract in growth and reproduction.

Sci. Am. 1989, 261:78-83.

Uvnäs-Moberg, K.

Hormone levels and personality in individuals with functional disorder of the gastrointestinal tract.

Int. Workshop on Stress and Dig. Motility, Mont Gabriel, Canada, March 29-31, 1989.

Uvnäs-Moberg, K.

Neuroendocrine regulation of hunger and satiety.

In: Obesity in Europe. (eds. P. Björntorp and S. Rössner). John Libbey & Company Ltd, London, 1989, 1:1- 13

Uvnäs-Moberg, K.

Physiological and psychological effects of oxytocin and prolactin in connection with motherhood with special reference to food intake and the endocrine system of the gut.

Bengt Andersson Symposium, July, 15, 1989. Acta Physiol. Scand. Suppl. 1989, Suppl. 583, 136:41-48.

Uvnäs-Moberg, K., Sjögren, C., Westlin, L., Andersson, P. O. and Stock, S.

Plasma levels of gastrin, somato- statin, VIP, insulin and oxytocin during the menstrual cycle in women (with and without oral contraceptives).

Acta Obstet. Gynecol. Scand. 1989, 68:165-169.

Uvnäs-Moberg, K. and Winberg, J.

Role for sensory stimulation in energy economy of the mother and infant with particular regard to the gastrointestinal endocrine system.

In: Textbook of Gastroenterology and Nutrition in Infancy. (ed. E. Lebenthal). Raven Press Ltd., New York, 1989, 53-62

Widström, A.-M., Matthiesen, A.-S., Winberg, J. and **Uvnäs-Moberg, K.**
Maternal somatostatin levels and their correlation with infant birth weight.
Early Hum. Dev. 1989, 20:165-174.

1988

Granström, L., Backman, L. and **Uvnäs-Moberg, K.**
Serum gastrin, insulin and somatostatin levels in normal and obese subjects before and after gastric banding.
Acta Chir. Scand. 1988, 154:117-121.

Henriksson, Å. E. K., Tagesson, C., Uribe, A., **Uvnäs-Moberg, K.**, Nord, C.-E., Gullberg, R. and Johansson, C.
Effects of prostaglandin E2 on disease activity, gastric secretion and intestinal permeability, and morphology in patients with rheumatoid arthritis.
Ann. Rheum. Dis. 1988, 47:620-627.

Marchini, G., Lagercrantz, H., Milerad, J., Winberg, J. and **Uvnäs-Moberg, K.**
Plasma levels of somatostatin and gastrin in sick infants and small for gestational age infants.
J. Pediatr. Gastroenterol. Nutr. 1988, 7:641-644.

Marchini, G., Lagercrantz, H., Winberg, J. and **Uvnäs-Moberg, K.**
Fetal and maternal plasma levels of gastrin, somatostatin and oxytocin after vaginal delivery and elective caesarean section.
Early Hum. Dev. 1988, 18:73-79.

Marchini, G., Winberg, J. and **Uvnäs-Moberg, K.**
Plasma concentrations of gastrin and somatostatin after breast feeding in 4 day old infants.
Arch. Dis. Childhood 1988, 63:1218-1221.

Stock, S. and **Uvnäs-Moberg, K.**
Increased plasma levels of oxytocin in response to afferent electrical stimulation of the sciatic and vagal nerves and in response to touch and pinch in anaesthetized rats.
Acta Physiol. Scand. 1988, 132:29-34.

Uvnäs-Moberg, K.
Gastrointestinal hormones in mother and infant.
Acta Paediatr. Scand. 1988, 88-93.

Uvnäs-Moberg, K.

Kvinnligt och manligt - en skapelsesaga i nytt biologiskt perspektiv.
Läkartidningen 1988, 10:814-818.

Uvnäs-Moberg, K.

Female physiological and psychological characteristics related to motherhood.
Symposium "Women, Work & Health", Stockholm, Oct 12-15, 1988.

Uvnäs-Moberg, K., Posloncec, B., Jacobsson, B. and Uvnäs, B.

Occurrence of an insulin- like peptide in extracts of human nervous tissue.
Acta Physiol. Scand. 1988, 133:127- 130.

Widström, A. M., Winberg, J., Werner, S., Svensson, K., Posloncec, B. and
Uvnäs-Moberg, K.

Breast feeding-induced effects on plasma gastrin and somatostatin levels and their
correlation with milk yield in lactating females.
Early Hum. Dev. 1988, 16:293-301.

Widström, A.-M., Christensson, K., Ransjö-Arvidson, A.-B., Matthiesen, A.-S.,
Winberg, J. and **Uvnäs-Moberg, K.**

Gastric aspirates of newborn infants: pH, volume and levels of gastrin- and
somatostatin-like immunoreactivity.
Acta Paediatr. Scand. 1988, 77:502-508.

Widström, A.-M., Marchini, G., Matthiesen, A.-S., Werner, S., Winberg, J. and
Uvnäs- Moberg, K.

Nonnutritive sucking in tube-fed preterm infants: Effects on gastric motility and
gastric contents of somatostatin.
J. Pediatr. Gastroenterol. Nutr. 1988, 7:517-523.

Winberg, J., **Uvnäs-Moberg, K.** and Widström, A.-M.

Vårdrutiner som skiljer mor från barn orsakar störningar i amningsprocessen.
Läkartidningen 1988, 85:3945-3946.

1987

Eriksson, M., Einarsson, S., Kunavongkrit, A. and **Uvnäs-Moberg, K.**

Increase of insulin and decrease of glucagon levels in response to total and
fractionated weaning in sows.
Acta Physiol. Scand. 1987, 131:387-390.

Eriksson, M., Lindén, A., Stock, S. and **Uvnäs-Moberg, K.**

Increased levels of vasoactive intestinal peptide (VIP) and oxytocin during
suckling in lactating dogs.
Peptides 1987, 8:411-413.

Eriksson, M., Lindén, A. and **Uvnäs-Moberg, K.**

Suckling increases insulin and glucagon levels in peripheral venous blood of lactating dogs.

Acta Physiol. Scand. 1987, 131:391-396.

Fernström, M., **Uvnäs-Moberg, K.** and Emås, S.

Antrum participates in the postprandial augmentation of the acid response to exogenous gastrin in conscious cats.

Acta Physiol. Scand. 1987, 130:265-271.

Fernström, M., **Uvnäs-Moberg, K.** and Emås, S.

Gastric acid, plasma gastrin, and somatostatin responses to feeding and exogenous gastrin alone and in combination in conscious cats.

Dig. Dis. Sci. 1987, 32:177-183.

Goiny, M., Brodin, E., Elwin, C.-E. and **Uvnäs-Moberg, K.**

A long lasting gastrin response to apomorphine revealed by inhibitors of gastric acid secretion.

Naunyn-Schmiedeberg's Arch. Pharmacol. 1987, 336:20-24.

Goiny, M. and **Uvnäs-Moberg, K.**

Effects of dopamine receptor antagonists on gastrin and vomiting responses to apomorphine.

Naunyn-Schmiedeberg's Arch. Pharmacol. 1987, 336:16-19.

Lindén, A., Eriksson, M., Carlquist, M. and **Uvnäs-Moberg, K.**

Plasma levels of gastrin, somatostatin and cholecystokinin immunoreactivity during pregnancy and lactation in dogs.

Gastroenterology 1987, 92:578-584.

Lindén, A., Hansen, S., Bednar, I., Forsberg, G., Södersten, P. and **Uvnäs-Moberg, K.**

Sexual activity increases plasma concentrations of cholecystokinin octapeptide and offsets hunger in male rats.

J. Endocrinol. 1987, 115:91-95.

Lindén, A. and **Uvnäs-Moberg, K.**

Plasma levels of cholecystokinin (CCK-8 and CCK-33-39) in response to feeding and during pregnancy in dogs.

Scand. J. Gastroenterol. 1987, 187:859-864.

Marchini, G., Lagercrantz, H., Feuerberg, Y., Winberg, J. and **Uvnäs-Moberg, K.**

The effect of non-nutritive suckling on plasma insulin, gastrin and somatostatin levels in infants.

Acta Paediatr. Scand. 1987, 76:573-578.

Silber, M., Almkvist, O., Larsson, B., Stock, S. and **Uvnäs-Moberg, K.**
The effect of oral contraceptive pills on levels of oxytocin in plasma and on cognitive functions.
Contraception 1987, 36:641-650.

Stock, S. and **Uvnäs-Moberg, K.**
L-vasopressin inhibits oxytocin-induced increases of plasma levels of insulin in conscious dogs.
Acta Physiol. Scand. 1987, 130:55-61.

Svennersten, K., Nelson, L., **Uvnäs-Moberg, K.** and Claesson, C. O.
Central and local mechanisms involved in the control of milk secretion and ejection.
NJF-seminar, Helsingfors, Finland, 1987.

Uvnäs-Moberg, K.
Gastrointestinala hormoner och funktionella gastrointestinala åkommors patofysiologi.
In: Gastrointestinal Psykosomatik. (eds. T. Eklund and B. Salde). AB Tika, 1987, 55-74

Uvnäs-Moberg, K.
Huden kan alstra lyckohormon.
Vigör 1987, 6:14-15.

Uvnäs-Moberg, K.
Gastrointestinal hormones and pathophysiology of functional gastrointestinal disorders.
Scand. J. Gastroenterol. 1987, Suppl. 128, 22:138-146.

Uvnäs-Moberg, K., Widström, A. M., Marchini, G. and Winberg, J.
Release of GI hormones in mother and infant by sensory stimulation.
Acta Paediatr. Scand. 1987, 76:851-860.

Widström, A.-M., Ransjö-Arvidson, A.-B., Christensson, K., Matthiesen, A.-S., Winberg, J. and **Uvnäs-Moberg, K.**
Gastric suction in healthy newborn infants. Effects on circulation and developing feeding behaviour.
Acta Paediatr. Scand. 1987, 76:566- 572.

1986

Alino, S. F., Garcia, D. and **Uvnäs-Moberg, K.**
Effect of intragastric pH, prostaglandins and prostaglandin synthesis inhibitors on the release of gastrin and somatostatin into the gastric lumen of anaesthetized rats.
Acta Physiol. Scand. 1986, 126:1-8.

Bech, K. and Uvnäs-Moberg, K.

β-Adrenergic agonists inhibit gastric acid and pepsin secretion through somatostatin release in dogs.

Scand. J. Gastroenterol. 1986, 21:531-536.

Eriksson, M. and Uvnäs-Moberg, K.

Difrisatta hormoner under laktation.

Svensk Veterinärtidning 1986, 38:721-722.

Goiny, M., Cekan, S. and Uvnäs-Moberg, K.

Effects of dopaminergic drugs on plasma levels of steroid hormones in conscious dogs.

Life Sci. 1986, 38:2293-2300.

Goiny, M., Herrera-Marschitz, M., Uvnäs-Moberg, K., Cekan, S. and Ungerstedt, U.

The benzazepine SCH 23390 increases plasma levels of cortisol in conscious dog.

Naunyn- Schmiedeberg's Arch. Pharmacol. 1986, 332:111-1112.

Goiny, M. and Uvnäs-Moberg, K.

Effects of dopaminomimetics on the secretion of VIP-like immunoreactivity in conscious dogs.

Peptides 1986, Suppl. 1, 7:221-224.

Goiny, M., Uvnäs-Moberg, K. and Cekan, S.

Bromocriptine and apomorphine stimulation of cortisol secretion in conscious dogs; evidence for a stimulatory site located outside blood brain barrier.

Psychopharmacology (Berl) 1986, 89:108-112.

Henriksson, K., Uvnäs-Moberg, K., Nord, C.-E., Johansson, C. and Gullberg, R.
Gastrin, gastric acid secretion, and gastric microflora in patients with rheumatoid arthritis.

Ann. Rheum. Dis. 1986, 45:475-483.

Magnusson, I., Uvnäs-Moberg, K. and Öst, Å.

Gastric carcinoid tumors: Endoscopic removal or gastric resection?

Acta Chir. Scand. 1986, 152:707-708.

Uvnäs-Moberg, K.

Magtarmkanalens endokrina system.

Svensk Veterinärmedicinsk Tidskrift, 1986,

Uvnäs-Moberg, K.

Kvinnlig och manlig identitet beskriven ur ett medicinsk-biologiskt perspektiv.

Seminarium "Kvinnors identitetsutveckling" Delegationen för

Jämställdhetsforskning, March 21-23, 1986.

Uvnäs-Moberg, K.

Beröringsutlöst frisättning av gastrointestinala och hypofysära hormoner.
Svensk Veterinärtidning 1986, 38:717-720.

Uvnäs-Moberg, K., Posloncec, B. and Åhlberg, L.

Influence on plasma levels of somatostatin, gastrin, glucagon, insulin and VIP-like immunoreactivity in peripheral venous blood of anaesthetized cats induced by low intensity afferent stimulation of the sciatic nerve.
Acta Physiol. Scand. 1986, 126:225-230.

1985

Magnusson, I., Cho, J. W., Ihre, T., Olsson, J. E., Posloncec, B., **Uvnäs-Moberg, K.** and Öst, Å.

Gastrin and somatostatin in plasma and gastric biopsy specimens in pernicious anemia.
Scand. J. Gastroenterol. 1985, 20:623-628.

Magnusson, I., Ihre, T., Johansson, C., Seligson, U., Törngren, S. and **Uvnäs-Moberg, K.**

Randomised double blind trial of somatostatin in the treatment of massive upper gastrointestinal haemorrhage.
Gut 1985, 26:221-226.

Posloncec, B., **Uvnäs-Moberg, K.**, Hagerman, M., Castensson, S. and Uvnäs, B.
Release of an insulin-like peptide from perfused extirpated cat legs in response to electrical stimulation of the sciatic and brachial nerves and to administration of ACh, bombesin, oxytocin and glibenclamide.
Acta Physiol. Scand. 1985, 125:195-203.

Stock, S. and **Uvnäs-Moberg, K.**

Oxytocin infusions increase plasma levels of insulin and VIP but not of gastrin in conscious dogs.
Acta Physiol. Scand. 1985, 125:205-210.

Uvnäs-Moberg, K.

Mättnad och mättnadshormoner.
Nutrition 1985, 2:7-8.

Uvnäs-Moberg, K.

Mod att föda.
Läkartidningen 1985, 82:4524-4528.

Uvnäs-Moberg, K.

Betydelsen av gastrin, cholecystokinin och somatostatin för regleringen av gastrointestinala funktioner.
Läkartidningen 1985, 82 (1-2):32-36.

Uvnäs-Moberg, K., Stock, S., Eriksson, M., Lindén, A., Einarsson, S. and Kunavongkrit, A.
Plasma levels of oxytocin increase in response to suckling and feeding in dogs and sows.
Acta Physiol. Scand. 1985, 124:391-398.

1984

Järhult, J., Angerås, U., Farnebo, L.-O., Graffner, H., Hamberger, B. and **Uvnäs-Moberg, K.**
The possible role of circulating catecholamines in the control of gastric function in health and duodenal ulcer disease.
Scand. J. Gastroenterol. 1984, Suppl. 89, 19:137-141.

Uvnäs-Moberg, K.
Det är inte bara könet som skiljer.
Medicinsk kvinnoforskning. Rapport från II Nordiska Seminariet 1984, 13-28.

Uvnäs-Moberg, K., Eriksson, M., Blomquist, L. E., Kunavongkrit, A. and Einarsson, S.
Influence of suckling and feeding on insulin, gastrin, somatostatin and VIP levels in peripheral venous blood of lactating sows.
Acta Physiol. Scand. 1984, 121:31-38.

Uvnäs-Moberg, K., Goiny, M., Blomquist, L. E. and Elwin, C. E.
Release of VIP-like immunoreactivity in response to dopamine agonists, insulin hypoglycemia and feeding in conscious dogs.
Peptides 1984, 5:399-402.

Uvnäs-Moberg, K., Hedvall, K., Grenbäck, E. and Hulting, A. L.
Release of growth hormone in response to feeding in dogs.
Acta Physiol. Scand. 1984, 121:89-91.

Uvnäs-Moberg, K., Järhult, J. and Alino, S.
Neurogenic control of release of gastrin and somatostatin.
Scand. J. Gastroenterol. 1984, Suppl. 89, 19:131-136.

Uvnäs-Moberg, K. and Wetterberg, L.
Nocturnal variation in plasma levels of gastrin and somatostatin-like immunoreactivity on man.
Acta Physiol. Scand. 1984, 120:517- 521.

Widström, A. M., Winberg, J., Werner, S., Hamberger, B., Eneroth, P. and **Uvnäs-Moberg, K.**

Suckling in lactating women stimulates the secretion of insulin and prolactin without concomitant effects on gastrin, growth hormone, calcitonin, vasopressin or catecholamines.

Early Hum. Dev. 1984, 10:115-122.

1983

Alino, S. F., Garcia, D. and **Uvnäs-Moberg, K**

Evidence of a cholinergic, pH dependent, vagally mediated release of antral somatostatin.

Acta Physiol. Scand. Suppl. 1983, 515:21-27.

Alino, S. F., Garcia, D. and **Uvnäs-Moberg, K**.

On the interaction between intragastric pH and electrical vagal stimulation in causing gastric acid secretion and intraluminal release of gastrin and somatostatin in anesthetized rats.

Acta Physiol. Scand. 1983, 117:491-495.

Efendic, S., Grill, V. and **Uvnäs-Wallensten, K**.

Somatostatinets roll för regleringen av hormonfrisättningen med tyngdpunkt på den endokrina pankreas och gastrointestinalkanalen.

In: Medicinsk Årsbog 1983. (ed. R. Vejlsgaard). Munksgaard, Kobenhavn, Danmark, 1983, 83-89.

Efendic, S. and **Uvnäs-Wallensten, K**.

Somatostatin: physiological significance with emphasis on the pancreas and gastrointestinal tract.

Period. Biol. 1983, Suppl. 1, 85:95-106.

Uvnäs-Moberg, K.

Release of gastrointestinal peptides in response to vagal activation induced by electrical stimulation, feeding and suckling.

J. Auton. Nerv. Syst. 1983, 9:141-155.

Uvnäs-Moberg, K.

Mag-tarmkanalen. Ett integrativt centrum för metabola och anabola processer.

In: Hässle Information. (ed. G. Åman). A Lindgren & Söner AB, Mölndal, Sweden, 1983, 7:1-7

Uvnäs-Moberg, K. and Eriksson, M.

Release of gastrin and insulin in response to suckling in lactating dogs.

Acta Physiol. Scand. 1983, 119:181-185.

1982

Angerås, U., Farnebo, L. O., Graffner, H., Hamberger, B., **Uvnäs-Moberg, K.** and Järhult, J.

Effects of food on plasma catecholamine and gastrin levels in patients with duodenal ulcer and normal volunteers.

Digestion 1982, 25:205-210.

Sara, V. R., **Uvnäs-Moberg, K.**, Uvnäs, B., Hall, K., Wetterberg, L., Posloncec, B. and Goiny, M.

The distribution of somatomedins in the nervous system of the cat and their release following neural stimulation.

Acta Physiol. Scand. 1982, 115:467-470.

Uvnäs-Moberg, K.

Decrease of plasma somatostatin-like immunoreactivity and increase of gastrin and insulin levels in peripheral venous blood of conscious dogs following infusions of pentagastrin. The possible role of vagal "gastrinergic" fibres as inhibitors of gastrointestinal somatostatin release.

Acta Physiol. Scand. 1982, 115:109-114.

Uvnäs-Moberg, K., Andersson, B. and Posloncec, B.

Plasma levels of somatostatin following a test meal in dogs. Initial atropine resistant vagally mediated decrease of somatostatin levels and increase of gastrin and insulin levels.

Acta Physiol. Scand. 1982, 114:253-259.

Uvnäs-Moberg, K., Goiny, M., Posloncec, B. and Blomquist, L.

Increased levels of VIP (vasoactive intestinal polypeptide)-like immunoreactivity in peripheral venous blood of dogs following injections of apomorphine and bromocriptine. Do dopaminergic agents induce gastric relaxation and hypotension by release of endogenous VIP?

Acta Physiol. Scand. 1982, 115:373-375.

Uvnäs-Moberg, K., Posloncec, B., Hagerman, M., Castensson, S., Rubio, C. and Uvnäs, B.

Occurrence of an insulin-like peptide in extracts of peripheral nerves of cat and in extracts of human vagal nerves.

Acta Physiol. Scand. 1982, 115:471-477.

Uvnäs-Wallensten, K. and Järhult, J.

Reflex activation of the sympatho-adrenal system inhibits the gastrin release caused by electrical vagal stimulation in cats.

Acta Physiol. Scand. 1982, 114:297-302.

1981

Gersl, V., Goiny, M. and **Uvnäs-Wallensten, K.**

The occurrence of Gastrin-17 in the heart.

Acta Physiol. Scand. 1981, 111:307-310.

Johansson, C., Kollberg, B., Efendic, S. and **Uvnäs-Wallensten, K.**

Effects of graded doses of somatostatin on gallbladder emptying and pancreatic enzyme output after oral glucose in man.

Digestion 1981, 22:24-31.

Johansson, C., Wisén, O., Efendic, S. and **Uvnäs-Wallensten, K.**

Effects of somatostatin on gastrointestinal propagation and absorption of oral glucose in man.

Digestion 1981, 22:126-137.

Järhult, J., Hamberger, B., Lanthén, G., Ors, M. and **Uvnäs-Wallensten, K.**

The role of catecholamines in the control of gastrin and acid secretion during insulin hypoglycaemia in man.

Digestion 1981, 21:92-97.

Uvnäs-Moberg, K., Andersson, B. and Posloncec, B.

Initial fall in peripheral plasma somatostatin-like immunoreactivity levels following feeding in humans indicating a vagal inhibitory control of somatostatin levels.

Acta Physiol. Scand. 1981, 113:411- 413.

Uvnäs-Wallensten, K.

Effect of intraluminal pH on the release of gastrin and somatostatin from the antropyloric region. The possible role of somatostatin as an inhibitory hormone of gastric acid secretion.

28th Int. Cong. Physiol. Sci. ,Budapest, 1980. Adv. Physiol. Sci. vol. 12 1981, 12:347-353.

Uvnäs-Wallensten, K.

Polypeptider i magtarmkanalen. Svenska Läkaresällskapets Handlingar.

Acta Societatis Medicorum Suecanae Hygiea 1981, 90:häfte 1.

Uvnäs-Wallensten, K.

Peptides in metabolic autonomic nerves.

In: Diabetologia. (eds. D. Porte and B. Jeanrenaud). Springer Verlag, Berlin, 1981, 20:337-342

Uvnäs-Wallensten, K.

Distribution and release of peptides from the peripheral neurons.

In: Cellular Basis of Chemical Messengers in the Digestive System. (eds. M. I. Grossman, M. A. B. Brazier and I. Lechago).

UCLA Forum in Medical Sciences No 23, Academic Press, 1981, 299-307

Uvnäs-Wallensten, K., Efendic, S., Johansson, C., Sjödin, L. and Cranwell, P. D.
Effect of intraantral and intrabulbar pH on somatostatin-like immunoreactivity in peripheral venous blood of conscious dogs. The possible function of somatostatin as an inhibitory hormone of gastric acid secretion and its possible identity with bulbogastrone and antral chalone.
Acta Physiol. Scand. 1981, 111:397-408.

Uvnäs-Wallensten, K. and Goiny, M.
Dopaminergic control of gastrointestinal hormones.
In: Basic Pharmacology. Vol. 1. Apomorphine and Other Dopaminomimetics (eds. G. L. Gessa and G. U. Corsini). Raven Press, New York, 1981, 311-317.

Uvnäs-Wallensten, K. and Goiny, M.
Effect of apomorphine on peripheral venous gastrin and insulin levels in conscious dogs.
Acta Physiol. Scand. 1981, 112:155-160.

Uvnäs-Wallensten, K., Goiny, M., Oriowo, M. A. and Cekan, S.
Effect of apomorphine and haloperidol on plasma cortisol levels in conscious dogs.
Acta Physiol. Scand. 1981, 112:253-256.

1980

Efendic, S., Enzmann, F., Nylén, A., **Uvnäs-Wallensten, K.** and Luft, R.
Sulphonylurea (Glibenclamide) enhances somatostatin and inhibits glucagon release induced by arginine.
Acta Physiol. Scand. 1980, 108:231-233.

Efendic, S., Lins, P. E., Luft, R., **Uvnäs-Wallensten, K.** and Szecowka, J.
Somatostatin - paracrine or endocrine substance?
Front. Hormone Res. 1980, 7:41-51.

Lundberg, J. M., Hökfelt, T., Änggård, A., **Uvnäs-Wallensten, K.**, Brimijoin, S., Brodin, E. and Fahrenkrug, J.
Peripheral peptide neurons: distribution, axonal transport, and some aspects on possible function.
In: Neural Peptides and Neuronal Communication. (eds. E. Costa and M. Trabucchi). Raven Press, New York, 1980, 25-36

Uvnäs-Wallensten, K.
Peptides in the gastrointestinal tract - present knowledge and possible future uses as drugs.
NOVO Årsskrift 1980, 13-19.

Uvnäs-Wallensten, K.

Luminal secretion of gut peptides.
Clin. Gastroenterology 1980, 9:545-553.

Uvnäs-Wallensten, K., Efendic, S. and Johansson, C.

Intraluminal secretion of gastrointestinal hormones.
Front. Hormone Res. 1980, 7:65-71.

Uvnäs-Wallensten, K., Efendic, S., Johansson, C., Sjödin, L. and Cranwell, P. D.

Effect of intraluminal pH on the release of somatostatin and gastrin into antral, bulbar and ilea pouches of conscious dogs.
Acta Physiol. Scand. 1980, 110:391-400.

Uvnäs-Wallensten, K., Efendic, S., Roovete, A. and Johansson, C.

Decreased release of somatostatin into the portal vein following electrical vagal stimulation in the cat.
Acta Physiol. Scand. 1980, 109:393-398.

Uvnäs-Wallensten, K. and Palmblad, J.

Effect of food deprivation (fasting) on plasma gastrin levels in man.
Scand. J. Gastroenterol. 1980, 15:187-191.

Wisén, O., **Uvnäs-Wallensten, K.,** Efendic, S. and Johansson, C.

Release of gastrin and somatostatin into the gastric lumen of healthy subjects and patients with duodenal ulcer and achlorhydria.
Acta Physiol. Scand. 1980, 108:297-300.

1979

Efendic, S., Enzmann, F., Nylén, A., **Uvnäs-Wallensten, K.** and Luft, R.

Effect of glucose/sulfonylurea interaction on release of insulin, glucagon, and somatostatin from isolated perfused rat pancreas.
Proc. Natl. Acad. Sci. U.S.A. 1979, 76:5901-5904.

Efendic, S., Johansson, C., Thulin, L. and **Uvnäs-Wallensten, K.**

Somatostatin in the gastrointestinal tract.
Proc. 10th Cong. Int. Diab. Fed., Vienna, Austria, Sept 9-14, 1979.

Järhult, J. and **Uvnäs-Wallensten, K.**

Reflex adrenergic gastrin release evoked by unloading of carotid baroreceptors in cats.
Scand. J. Gastroenterol. 1979, 14:107-109.

Lundberg, J. M., Hökfelt, T., Kewenter, J., Pettersson, G., Ahlman, H., Edin, R., Dahlström, A., Nilsson, G., Terenius, L., **Uvnäs-Wallensten, K.** and Said, S. Substance P-, VIP- and enkephalin-like immunoreactivity in the human vagus nerve.

Gastroenterology 1979, 77:468-471.

Lundberg, J. M., Hökfelt, T., Schultzberg, M., **Uvnäs-Wallensten, K.**, Köhler, C. and Said, S.

Occurrence of vasoactive intestinal polypeptide (VIP)-like immunoreactivity in certain cholinergic neurons of the cat. Evidence from combined immunohistochemistry and acetylcholinesterase staining.

Neuroscience 1979, 4:1539-1559.

Ors, M., Hamberger, B., Järhult, J., Lanthén, G. and **Uvnäs-Wallensten, K.** Spelar cirkulerande adrenalin någon roll för gastrin- och syrasekretionen vid insulinhyperglykæmi hos människa?

Svensk Kirurgi 1979, 37:135-136.

Uvnäs-Wallensten, K.

Release of gastrin and insulin by electrical vagal stimulation and sulphonuric drugs from endocrine cells and nerves in the cat.

In: Hormone Receptors in Digestion and Nutrition. (eds. G. Rosselin, P. Fromageot and S. Bonfils). North- Holland Biomedical Press, Elsevier, 1979, 493-500

Uvnäs-Wallensten, K.

Vagal gastrinergic transmission.

In: Gastrins and the Vagus. (eds. J. F. Rehfeld and E. Amdrup). Academic Press, 1979, 115-122

Uvnäs-Wallensten, K.

Gastrin - från magsaftstimulerande hormon till "neurotransmittor" i vagus och somatiska nerver?

In: Kärnan, Information från LEO-koncernen. (ed. N. Virsberg). Tryckerigruppen, Malmö, Helsingborg, 1979, 4:9-16

Uvnäs-Wallensten, K., Efendic, S., Järhult, J. and Lundberg, J. M.

Release of peptides from endocrine cells and nerves.

XVI Scand. Cong. Physiol. Pharm., Oulu, Finland, 1979.

Uvnäs-Wallensten, K., Efendic, S., Uvnäs, B. and Lundberg, J. M.

Release of gastrin from the skeletal muscles and from the antral mucosa in cats induced by sulfonuric drugs.

Acta Physiol. Scand. 1979, 106:267-270.

Uvnäs-Wallensten, K., Larsson, I., Johansson, C. and Efendic, S.
Phosphate buffer stimulates somatostatin release into the antral lumen of
anaesthetized cats.
Scand. J. Gastroenterol. 1979, 14:797-800.

1978

Efendic, S., Lins, P.-E. and **Uvnäs-Wallensten, K.**
Extrahypophyseal effects of somatostatin.
Ann. Clin. Res. 1978, 10:151-156.

Efendic, S., Nylén, A., Roovete, A. and **Uvnäs-Wallensten, K.**
Effects of glucose and arginine on the release of immunoreactive somatostatin
from the isolated perfused rat pancreas.
FEBS Lett. 1978, 92:33-35.

Johansson, C., Efendic, S., Wisén, O., **Uvnäs-Wallensten, K.** and Luft, R.
Effects of short- time somatostatin infusion on the gastric and intestinal
propulsion in humans.
Scand. J. Gastroenterol. 1978, 13:481-483.

Johansson, C., Wisén, O., Kollberg, B., **Uvnäs-Wallensten, K.** and Efendic, S.
Effects of intragastrically administered somatostatin on basal and pentagastrin
stimulated gastric acid secretion in man.
Acta Physiol. Scand. 1978, 104:232-234.

Rehfeld, J. F. and **Uvnäs-Wallensten, K.**
Gastrin in cat and dog. Evidence for biosynthetic relationship between the large
molecular forms of gastrin and heptadecapeptide gastrin.
J. Physiol. 1978, 283:379-396.

Uvnäs, B. and **Uvnäs-Wallensten, K.**
"Insulinergic" nerves to the skeletal muscles of the cat?
Acta Physiol. Scand. 1978, 103:346-348.

Uvnäs-Wallensten, K.
Release of substance P-like immunoreactivity into the antral lumen of cats. Acta
Physiol.
Scand. 1978, 104:464-468.

Uvnäs-Wallensten, K.
Vagal release of antral hormones. Proceedings from International Symposium on
Gut Hormones, June 1977.
Gut Hormones 1978, 389-393.

Uvnäs-Wallensten, K.

Effect of intraantral pH on basal gastrin release into the circulation and antral lumen in anesthetized cats.

Acta Physiol. Scand. 1978, 104:386-393.

Uvnäs-Wallensten, K., Efendic, S. and Luft, R.

The occurrence of somatostatin-like immunoreactivity in the vagal nerves.

Acta Physiol. Scand. 1978, 102:248-250.

Uvnäs-Wallensten, K., Efendic, S. and Luft, R.

Release of somatostatin into the antral lumen of cats.

Metabolism 1978, Suppl. 1, 27:1233-1234.

Uvnäs-Wallensten, K., Efendic, S. and Luft, R.

Release of gastrointestinal hormones into the duodenal lumen of cats.

Horm. Metab. Res. 1978, 10:173.

Uvnäs-Wallensten, K., Lundberg, J. M. and Efendic, S.

Dopaminergic control of antral gastrin and somatostatin release.

Acta Physiol. Scand. 1978, 103:343-345.

Uvnäs-Wallensten, K. and Nilsson, G. A quantitative study of the insulin release induced by vagal stimulation in anesthetized cats. Acta Physiol. Scand. 1978, 102:137-142.

Uvnäs-Wallensten, K. and Uvnäs, B.

Release of gastrin on stimulation of the sciatic and brachial nerves of the cat.

Acta Physiol. Scand. 1978, 103:349-351.

1977

Luft, R., Efendic, S., Hökfelt, T. and Uvnäs-Wallensten, K.

Somatostatin.

Zentralinstitut für Diabetes, Karlsburg, 1977.

Nilsson, G. and Uvnäs-Wallensten, K.

Effect of teasing and sham feeding on plasma glucagon concentration in dogs.

Acta Physiol. Scand. 1977, 100:298-302.

Nilsson, G., Uvnäs-Wallensten, K. and Uvnäs, B.

Gastrin release following vagal activation in conscious dogs and anaesthetized cats.

Mater. Med. Pol. 1977, 9:104-108.

Uvnäs-Wallensten, K.

Occurrence of gastrin in gastric juice, in antral secretion, and in antral perfusates of cats.

Gastroenterology 1977, 73:487-491.

Uvnäs-Wallensten, K. and Andersson, H.

Effect of atropine and methiamide on vagally induced gastric acid secretion and gastrin release in anesthetized cats.

Acta Physiol. Scand. 1977, 99:496-502.

Uvnäs-Wallensten, K., Efendic, S. and Luft, R.

Vagal release of somatostatin into the antral lumen of cats.

Acta Physiol. Scand. 1977, 99:126-128.

Uvnäs-Wallensten, K., Efendic, S. and Luft, R.

Inhibition of vagally induced gastrin release by somatostatin in cats.

Horm. Metab. Res. 1977, 9:120-123.

Uvnäs-Wallensten, K. and Nilsson, G.

Insulin release in response to vagal stimulation in anaesthetized cats.

Horm. Metab. Res. 1977, 9:175-181.

Uvnäs-Wallensten, K., Rehfeld, J. F., Larsson, L. I. and Uvnäs, B.

Heptadecapeptide gastrin in the vagal nerve.

Proc. Natl. Acad. Sci. U.S.A 1977, 74:5707-5710.

1976

Uvnäs-Wallensten, K.

Gastrin release and HCl secretion induced by electrical vagal stimulation in the cat. Thesis, Karolinska Institutet, Stockholm.

Acta Physiol. Scand. 1976, Suppl. 438.

Uvnäs-Wallensten, K. and Rehfeld, J. F.

Molecular forms of gastrin in antral mucosa, plasma and gastric juice during vagal stimulation of anesthetized cats.

Acta Physiol. Scand. 1976, 98:217-226.

Uvnäs-Wallensten, K. and Uvnäs, B.

Gastric clearance of gastrin during acid secretory responses to vagal activation and its effect on peripheral gastrin levels. A study on anesthetized cats.

Acta Physiol. Scand. 1976, 97:349-356.

Uvnäs-Wallensten, K., Uvnäs, B. and Nilsson, G.

Quantitative aspects on the vagal control of gastrin release in cats.

Acta Physiol. Scand. 1976, 96:19-28.

1975

Uvnäs, B., **Uvnäs-Wallensten, K.** and Nilsson, G.
Release of gastrin on vagal stimulation in the cat.
Acta Physiol. Scand. 1975, 94:167-176.

1974

Nilsson, G. and **Uvnäs-Wallensten, K.**
Effect of teasing, sham feeding and feeding on plasma insulin concentrations in dogs.
In: Radioimmunoassay: Methodology and Applications in Physiology and in Clinical Studies.
Commemorative Issue for Solomon A. Berson. (eds. R. Levine and E. F. Pfeiffer).
George Thieme Publishers, Stuttgart, 1974, 5:91-97