

## Bibliografia Laboratorio de Neuroendocrinología

1. **The Global Plastics Treaty: An Endocrinologist's Assessment.**  
Fernandez MO, Trasande L.  
*J Endocr Soc.* 2023 Nov 14;8(1):bvad141. doi: 10.1210/jendso/bvad141.
2. **IMT504 protects beta cells against apoptosis and maintains beta cell identity, without modifying proliferation.**  
Converti A, Bianchi MS, Martinez MD, Montaner AD, Lux-Lantos V, Bonaventura MM.  
*Physiol Rep.* 2023 Aug;11(15):e15790. doi: 10.14814/phy2.15790.
3. **Hypothalamic GnRH expression and pulsatility depends on a balance of prolactin receptors in the plains vizcacha, *Lagostomus maximus*.**  
Cortasa SA, Schmidt AR, Proietto S, Corso MC, Inserra PIF, Giorgio NPD, Lux-Lantos V, Vitullo AD, Halperin J, Dorfman VB.  
*J Comp Neurol.* 2023 May;531(7):720-742. doi: 10.1002/cne.25457.
4. **Deletion of GABAB receptors from *Kiss1* cells affects glucose homeostasis without altering reproduction in male mice.**  
Di Giorgio NP, Bizzozzero-Hiriart M, Surkin PN, Repetto E, Bonaventura MM, Tabares FN, Bourguignon NS, Converti A, Gomez JMR, Bettler B, Lux-Lantos V.  
*Am J Physiol Endocrinol Metab.* 2023 Apr 1;324(4):E314-E329.  
doi:10.1152/ajpendo.00129.2022.
5. **GABAB Receptor Antagonism from Birth to Weaning Permanently Modifies Kiss1 Expression in the Hypothalamus and Gonads in Mice.**  
Bizzozzero-Hiriart M, Di Giorgio NP, Libertun C, Lux-Lantos VAR.  
*Neuroendocrinology.* 2022;112(10):998-1026. doi: 10.1159/000521649.
6. **Benzophenones alter autophagy and ER stress gene expression in pancreatic beta cells in vitro.**  
Szulak F, Etcheverry Boneo L, Becu-Villalobos D, Fernandez MO, Sorianello E.  
*In Vitro Cell Dev Biol Anim.* 2022 Dec;58(10):936-956. doi: 10.1007/s11626-022-00739-x.
7. **Melatonin is involved in the modulation of the hypothalamic and pituitary activity in the South American plains vizcacha, *Lagostomus maximus*.**  
Charif SE, Inserra PIF, Schmidt AR, Cortasa SA, Proietto S, Corso MC, Halperin J, Di Giorgio NP, Lux-Lantos V, Vitullo AD, Dorfman VB.  
*Comp Physiol B.* 2022 Jan;192(1):141-159. doi: 10.1007/s00360-021-01405-6.
8. **Fetal Programming Effects of a Mild Food Restriction During Pregnancy in Mice: How Does It Compare to Intragestational Ghrelin Administration?**  
Torres PJ, Luque EM, Di Giorgio NP, Ramírez ND, Ponzio MF, Cantarelli V, Carlini VP, Lux-Lantos V, Martini AC.  
*Reprod Sci.* 2021 Dec;28(12):3547-3561. doi: 10.1007/s43032-021-00574-7.

9. **Oligonucleotide IMT504 Improves Glucose Metabolism and Controls Immune Cell Mediators in Female Diabetic NOD Mice.**  
Bianchi S, Martínez Allo VC, Massimino M, Lavignolle Heguy MDR, Borzone FR, Gomez Bustillo S, Chasseing NA, Libertun C, Montaner AD, Rabinovich GA, Toscano MA, Lux-Lantos VA, Bianchi MS.  
*Nucleic Acid Ther.* 2021 Apr;31(2):155-171. doi: 10.1089/nat.2020.0901.
10. **Mammary gland-specific regulation of GNRH and GNRH-receptor gene expression is likely part of a local autoregulatory system in female vizcachas (Rodentia: Chinchillidae).**  
Corso MC, Cortasa SA, Schmidt AR, Proietto S, Inserra PIF, Fernández MO, Di Giorgio N, Lux-Lantos V, Vitullo AD, Dorfman VB, Halperin J.  
*Gen Comp Endocrinol.* 2020 Sep 15;296:113518. doi: 10.1016/j.ygcen.2020.113518.
11. **GABAergic input through GABA<sub>B</sub> receptors is necessary during a perinatal window to shape gene expression of factors critical to reproduction such as *Kiss1*.**  
Bizzozzero-Hiriart M, Di Giorgio NP, Libertun C, Lux-Lantos V.  
*Am J Physiol Endocrinol Metab.* 2020 Jun 1;318(6):E901-E919.  
doi:10.1152/ajpendo.00547.2019.
12. **The key action of estradiol and progesterone enables GnRH delivery during gestation in the South American plains vizcacha, *Lagostomus maximus*.**  
Inserra PIF, Charif SE, Fidel V, Giacchino M, Schmidt AR, Villarreal FM, Proietto S, Cortasa SA, Corso MC, Gariboldi MC, Leopardi NP, Fraunhoffer NA, Di Giorgio NP, Lux-Lantos VA, Halperin J, Vitullo AD, Dorfman VB.  
*J Steroid Biochem Mol Biol.* 2020 Jun;200:105627. doi: 10.1016/j.jsbmb.2020.105627.
13. **Participation of TRPV1 in the activity of the GnRH system in male rats.**  
Surkin PN, Dmytrenko G, Di Giorgio NP, Bizzozzero M, De Laurentiis A, Fernández-Solari J.  
*Eur J Neurosci.* 2020 Aug;52(3):2995-3001. doi: 10.1111/ejn.14770.
14. **Impact of maternal overweight on the sexual maturity of male offspring in rats.**  
Galarza RA, Rhon-Calderón EA, Bizzozero M, Meneghini MA, Cortez AE, Lux-Lantos VA, Faletti AG.  
*J Nutr Biochem.* 2019 Sep;71:27-34. doi: 10.1016/j.jnutbio.2019.05.014.
15. **Multiple failures in the lutenising hormone surge generating system in GABAB1KO female mice.**  
Di Giorgio NP, Bizzozzero Hiriart M, Surkin PN, López PV, Bourguignon NS, Dorfman VB, Bettler B, Libertun C, Lux-Lantos V.  
*J Neuroendocrinol.* 2019 Aug;31(8):e12765. doi: 10.1111/jne.12765.
16. **Unraveling the connection between GABA and kisspeptin in the control of reproduction.**  
Di Giorgio NP, Bizzozzero-Hiriart M, Libertun C, Lux-Lantos V.

Reproduction. 2019 Jun;157(6):R225-R233. doi: 10.1530/REP-18-0527.

17. Early Exposure to a High-Fat Diet Impacts on Hippocampal Plasticity: Implication of Microglia-Derived Exosome-like Extracellular Vesicles.  
Vinuesa A, Bentivegna M, Calfa G, Filipello F, Pomilio C, Bonaventura MM, Lux-Lantos V, Matzkin ME, Gregosa A, Presa J, Matteoli M, Beauquis J, Saravia F. Mol Neurobiol. 2019 Jul;56(7):5075-5094. doi: 10.1007/s12035-018-1435-8.
18. Estradiol-Dependent and -Independent Stimulation of Kiss1 Expression in the Amygdala, BNST, and Lateral Septum of Mice.  
Stephens SBZ, Di Giorgio NP, Liaw RB, Parra RA, Yang JA, Chahal N, Lux-Lantos VA, Kauffman AS. Endocrinology. 2018 Sep 1;159(9):3389-3402. doi: 10.1210/en.2018-00583.
19. Prolactin Is a Strong Candidate for the Regulation of Luteal Steroidogenesis in Vizcachas (*Lagostomus maximus*).  
Proietto S, Cortasa SA, Corso MC, Inserra PIF, Charif SE, Schmidt AR, Di Giorgio NP, Lux-Lantos V, Vitullo AD, Dorfman VB, Halperin J. Int J Endocrinol. 2018 Jun 14;2018:1910672. doi: 10.1155/2018/1910672.
20. Pituitary estrogen receptor alpha is involved in luteinizing hormone pulsatility at mid-gestation in the South American plains vizcacha, *Lagostomus maximus* (Rodentia, Caviomorpha).  
Proietto S, Yankelevich L, Villarreal FM, Inserra PIF, Charif SE, Schmidt AR, Cortasa SA, Corso MC, Di Giorgio NP, Lux-Lantos V, Vitullo AD, Halperin J, Dorfman VB. Gen Comp Endocrinol. 2019 Mar 1;273:40-51. doi: 10.1016/j.ygenc.2018.04.001.
21. Neonatal exposure to bisphenol A alters the hypothalamic-pituitary-thyroid axis in female rats.  
Fernandez MO, Bourguignon NS, Arocena P, Rosa M, Libertun C, Lux-Lantos V. Toxicol Lett. 2018 Mar 15;285:81-86. doi: 10.1016/j.toxlet.2017.12.029.
22. Local production of neuroestradiol affects gonadotropin-releasing hormone (GnRH) secretion at mid-gestation in *Lagostomus maximus* (Rodentia, Caviomorpha).  
Charif SE, Inserra PIF, Schmidt AR, Di Giorgio NP, Cortasa SA, Gonzalez CR, Lux-Lantos V, Halperin J, Vitullo AD, Dorfman VB. Physiol Rep. 2017 Oct;5(19):e13439. doi: 10.14814/phy2.13439.
23. Perinatal programming of the orexinergic (hypocretinergic) system in hypothalamus and anterior pituitary by testosterone.  
Cataldi NI, Lux-Lantos VA, Libertun C. Peptides. 2018 Jan;99:117-127. doi: 10.1016/j.peptides.2017.04.006.
24. Immunomodulatory oligonucleotide IMT504: Effects on mesenchymal stem cells as a first-in-class immunoprotective/immunoregenerative therapy.

- Zorzopulos J, Opal SM, Hernando-Insúa A, Rodriguez JM, Elías F, Fló J, López RA, Chasseing NA, Lux-Lantos VA, Coronel MF, Franco R, Montaner AD, Horn DL. *World J Stem Cells.* 2017 Mar 26;9(3):45-67. doi: 10.4252/wjsc.v9.i3.45.
25. ER $\alpha$  and GnRH co-localize in the hypothalamic neurons of the South American plains vizcacha, *Lagostomus maximus* (Rodentia, Caviomorpha).  
Inserra PIF, Charif SE, Di Giorgio NP, Saucedo L, Schmidt AR, Fraunhoffer N, Halperin J, Gariboldi MC, Leopardi NP, Lux-Lantos V, Gonzalez CR, Vitullo AD, Dorfman VB. *J Mol Histol.* 2017 Jun;48(3):259-273. doi: 10.1007/s10735-017-9715-6.
26. Evaluation of sodium arsenite exposure on reproductive competence in pregnant and postlactational dams and their offspring.  
Bourguignon NS, Bonaventura MM, Rodríguez D, Bizzozzero M, Ventura C, Nuñez M, Lux-Lantos VA, Libertun C. *Reprod Toxicol.* 2017 Apr;69:1-12. doi: 10.1016/j.reprotox.2017.01.002.
27. Arsenite in drinking water produces glucose intolerance in pregnant rats and their female offspring.  
Bonaventura MM, Bourguignon NS, Bizzozzero M, Rodriguez D, Ventura C, Cocca C, Libertun C, Lux-Lantos VA. *Food Chem Toxicol.* 2017 Feb;100:207-216. doi: 10.1016/j.fct.2016.12.025.
28. Juvenile exposure to a high fat diet promotes behavioral and limbic alterations in the absence of obesity.  
Vinuesa A, Pomilio C, Menafra M, Bonaventura MM, Garay L, Mercogliano MF, Schillaci R, Lux Lantos V, Brites F, Beauquis J, Saravia F. *Psychoneuroendocrinology.* 2016 Oct;72:22-33. doi: 10.1016/j.psyneuen.2016.06.004.
29. Proposed mechanisms for oligonucleotide IMT504 induced diabetes reversion in a mouse model of immunodependent diabetes.  
Bianchi MS, Bianchi S, Hernando-Insúa A, Martinez LM, Lago N, Libertun C, Chasseing NA, Montaner AD, Lux-Lantos VA. *Am J Physiol Endocrinol Metab.* 2016 Aug 1;311(2):E380-95. doi:10.1152/ajpendo.00104.2016.
30. Hyperprolactinemia induced by hCG leads to metabolic disturbances in female mice.  
Ratner LD, Stevens G, Bonaventura MM, Lux-Lantos VA, Poutanen M, Calandra RS, Huhtaniemi IT, Rulli SB. *J Endocrinol.* 2016 Jul;230(1):157-69. doi: 10.1530/JOE-15-0528.
31. Sequence analysis, tissue distribution and molecular physiology of the GnRH preprogonadotrophin in the South American plains vizcacha (*Lagostomus maximus*).  
Charif SE, Inserra PI, Di Giorgio NP, Schmidt AR, Lux-Lantos V, Vitullo AD, Dorfman VB. *Gen Comp Endocrinol.* 2016 Jun 1;232:174-84. doi: 10.1016/j.ygcen.2015.12.012.

32. Pesticide chlorpyrifos acts as an endocrine disruptor in adult rats causing changes in mammary gland and hormonal balance.  
Ventura C, Nieto MR, Bourguignon N, Lux-Lantos V, Rodriguez H, Cao G, Randi A, Cocca C, Núñez M.  
*J Steroid Biochem Mol Biol.* 2016 Feb;156:1-9. doi: 10.1016/j.jsbmb.2015.10.010.
33. Elevated hypothalamic aromatization at the onset of precocious puberty in transgenic female mice hypersecreting human chorionic gonadotropin: effect of androgens.  
Gonzalez B, Ratner LD, Scerbo MJ, Di Giorgio NP, Poutanen M, Huhtaniemi IT, Calandra RS, Lux-Lantos VA, Cambiasso MJ, Rulli SB.  
*Mol Cell Endocrinol.* 2014 Jun 5;390(1-2):102-11. doi: 10.1016/j.mce.2014.04.005.
34. Impaired GABAB receptor signaling dramatically up-regulates Kiss1 expression selectively in nonhypothalamic brain regions of adult but not prepubertal mice.  
Di Giorgio NP, Semaan SJ, Kim J, López PV, Bettler B, **Libertun C**, Lux-Lantos VA, Kauffman AS.  
*Endocrinology.* 2014 Mar;155(3):1033-44. doi: 10.1210/en.2013-1573.
35. Orexin A and B in vitro modify orexins receptors expression and gonadotropins secretion of anterior pituitary cells of proestrous rats.  
Cataldi NI, Lux Lantos VA, Libertun C.  
*Regul Pept.* 2014 Jan 10;188:25-30. doi: 10.1016/j.regpep.2013.12.002.
36. Variation in progesterone receptors and GnRH expression in the hypothalamus of the pregnant South American plains vizcacha, *Lagostomus maximus* (Mammalia, Rodentia).  
Dorfman VB, Saucedo L, Di Giorgio NP, Inserra PI, Fraunhoffer N, Leonardo NP, Halperín J, Lux-Lantos V, Vitullo AD.  
*Biol Reprod.* 2013 Nov 14;89(5):115. doi: 10.1095/biolreprod.113.107995.
37. Lack of functional GABAB receptors alters Kiss1 , Gnrh1 and Gad1 mRNA expression in the medial basal hypothalamus at postnatal day 4.  
Di Giorgio NP, Catalano PN, López PV, González B, Semaan SJ, López GC, Kauffman AS, Rulli SB, Somoza GM, Bettler B, Libertun C, Lux-Lantos VA.  
*Neuroendocrinology.* 2013;98(3):212-23. doi: 10.1159/000355631.
38. Maternal taurine supplementation in rats partially prevents the adverse effects of early-life protein deprivation on β-cell function and insulin sensitivity.  
Tang C, Marchand K, Lam L, Lux-Lantos V, Thyssen SM, Guo J, Giacca A, Arany E.  
*Reproduction.* 2013 May 21;145(6):609-20. doi: 10.1530/REP-12-0388.
39. Postnatal development of the endocrine pancreas in mice lacking functional GABAB receptors.  
Crivello M, Bonaventura MM, Chamson-Reig A, Arany E, Bettler B, Libertun C, Lux-Lantos V.  
*Am J Physiol Endocrinol Metab.* 2013 May 15;304(10):E1064-76.  
doi:10.1152/ajpendo.00569.2012.

40. **Sex differences in insulin resistance in GABAB1 knockout mice.**  
Bonaventura MM, Rodriguez D, Ferreira ML, Crivello M, Repetto EM, Bettler B, Libertun C, Lux-Lantos VA.  
Life Sci. 2013 Feb 27;92(3):175-82. doi: 10.1016/j.lfs.2012.11.007.
41. **Neonatal xenoestrogen exposure alters growth hormone-dependent liver proteins and genes in adult female rats.**  
Ramirez MC, Bourguignon NS, Bonaventura MM, Lux-Lantos V, Libertun C, Becu-Villalobos D.  
Toxicol Lett. 2012 Sep 18;213(3):325-31. doi: 10.1016/j.toxlet.2012.07.015.
42. **Effects of orexins A and B on expression of orexin receptors and progesterone release in luteal and granulosa ovarian cells.**  
Cataldi NI, Lux-Lantos VA, Libertun C.  
Regul Pept. 2012 Oct 10;178(1-3):56-63. doi: 10.1016/j.regpep.2012.06.008.
43. **Effects of GABAB receptor agonists and antagonists on glycemia regulation in mice.**  
Bonaventura MM, Crivello M, Ferreira ML, Repetto M, Cymeryng C, Libertun C, Lux-Lantos VA.  
Eur J Pharmacol. 2012 Feb 29;677(1-3):188-96. doi: 10.1016/j.ejphar.2011.12.013.
44. **Oligodeoxynucleotide IMT504: lack of effect on immune parameters during islet regeneration in single dose streptozotocin-induced diabetes.**  
Bianchi MS, Calvo V, Chasseing NA, Lago N, Libertun C, Montaner AD, Lux-Lantos VA.  
Diabetes Metab Res Rev. 2012 Feb;28(2):156-63. doi: 10.1002/dmrr.1296.
45. **Endogenously elevated androgens alter the developmental programming of the hypothalamic-pituitary axis in male mice.**  
Gonzalez B, Ratner LD, Di Giorgio NP, Poutanen M, Huhtaniemi IT, Calandra RS, Lux-Lantos VA, Rulli SB.  
Mol Cell Endocrinol. 2011 Jan 30;332(1-2):78-87. doi: 10.1016/j.mce.2010.09.016.
46. **Neonatal exposure to bisphenol a and reproductive and endocrine alterations resembling the polycystic ovarian syndrome in adult rats.**  
Fernández M, Bourguignon N, Lux-Lantos V, Libertun C.  
Environ Health Perspect. 2010 Sep;118(9):1217-22. doi: 10.1289/ehp.0901257.
47. **Oligodeoxynucleotide IMT504 induces a marked recovery in a streptozotocin-induced model of diabetes in rats: correlation with an early increase in the expression of nestin and neurogenin 3 progenitor cell markers.**  
Bianchi MS, Hernando-Insúa A, Chasseing NA, Rodríguez JM, Elías F, Lago N, Zorzopoulos J, Libertun C, Montaner AD, Lux-Lantos VA.  
Diabetologia. 2010 Jun;53(6):1184-9. doi: 10.1007/s00125-010-1694-z.

48. Lack of functional GABA(B) receptors alters GnRH physiology and sexual dimorphic expression of GnRH and GAD-67 in the brain.  
Catalano PN, Di Giorgio N, Bonaventura MM, Bettler B, Libertun C, Lux-Lantos VA. *Am J Physiol Endocrinol Metab.* 2010 Mar;298(3):E683-96. doi: 10.1152/ajpendo.00532.2009.
49. Role of orexins in the hypothalamic-pituitary-ovarian relationships.  
Silveyra P, Cataldi NI, Lux-Lantos VA, Libertun C. *Acta Physiol (Oxf).* 2010 Mar;198(3):355-60. doi: 10.1111/j.1748-1716.2009.02049.x.
50. Gonadal steroids modulated hypocretin/orexin type-1 receptor expression in a brain region, sex and daytime specific manner.  
Silveyra P, Cataldi NI, Lux-Lantos V, Libertun C. *Regul Pept.* 2009 Nov 27;158(1-3):121-6. doi: 10.1016/j.regpep.2009.08.002.
51. Sensitization to amphetamine occurs simultaneously at immune level and in met-enkephalin of the nucleus accumbens and spleen: an involved NMDA glutamatergic mechanism.  
Assis MA, Hansen C, Lux-Lantos V, Cancela LM. *Brain Behav Immun.* 2009 May;23(4):464-73. doi: 10.1016/j.bbi.2009.01.003.
52. Hypothalamic orexin, OX1, alphaMSH, NPY and MCRs expression in dopaminergic D2R knockout mice.  
García-Tornadú I, Díaz-Torga G, Risso GS, Silveyra P, Cataldi N, Ramirez MC, Low MJ, Libertun C, Becu-Villalobos D. *Neuropeptides.* 2009 Aug;43(4):267-74. doi: 10.1016/j.npep.2009.06.002.
53. Neonatal exposure to bisphenol a alters reproductive parameters and gonadotropin releasing hormone signaling in female rats.  
Fernández M, Bianchi M, Lux-Lantos V, Libertun C. *Environ Health Perspect.* 2009 May;117(5):757-62. doi: 10.1289/ehp.0800267.
54. Hexachlorobenzene triggers apoptosis in rat thyroid follicular cells.  
Chiappini F, Alvarez L, Lux-Lantos V, Randi AS, Kleiman de Pisarev DL. *Toxicol Sci.* 2009 Apr;108(2):301-10. doi: 10.1093/toxsci/kfp016.
55. Levonorgestrel antagonism on estrogen-induced pituitary tumors is mediated by progesterone receptors.  
Rey-Roldán EB, Grillo CA, Pietranera L, Libertun C, Nicola AF, Piroli GG. *Horm Metab Res.* 2008 Apr;40(4):245-50. doi: 10.1055/s-2008-1046798.
56. GABA(B) receptors in neuroendocrine regulation.  
Lux-Lantos VA, Bianchi MS, Catalano PN, Libertun C. *Cell Mol Neurobiol.* 2008 Sep;28(6):803-17. doi: 10.1007/s10571-008-9263-4.

57. **GABAB receptors and glucose homeostasis: evaluation in GABAB receptor knockout mice.**  
Bonaventura MM, Catalano PN, Chamson-Reig A, Arany E, Hill D, Bettler B, Saravia F, Libertun C, Lux-Lantos VA.  
*Am J Physiol Endocrinol Metab.* 2008 Jan;294(1):E157-67.  
doi:10.1152/ajpendo.00615.2006.
58. **Both orexin receptors are expressed in rat ovaries and fluctuate with the estrous cycle: effects of orexin receptor antagonists on gonadotropins and ovulation.**  
Silveyra P, Lux-Lantos V, Libertun C.  
*Am J Physiol Endocrinol Metab.* 2007 Oct;293(4):E977-85.  
doi: 10.1152/ajpendo.00179.2007.
59. **Impact of proestrous milieu on expression of orexin receptors and prepro-orexin in rat hypothalamus and hypophysis: actions of Cetrorelix and Nembutal.**  
Silveyra P, Catalano PN, Lux-Lantos V, Libertun C.  
*Am J Physiol Endocrinol Metab.* 2007 Mar;292(3):E820-8.  
doi: 10.1152/ajpendo.00467.2006.
60. **Experimental data supporting the expression of the highly conserved GnRH-II in the brain and pituitary gland of rats.**  
Mongiat LA, Fernández MO, Lux-Lantos VA, Guigur LG, Somoza GM, Libertun C.  
*Regul Pept.* 2006 Sep 11;136(1-3):50-7. doi: 10.1016/j.regpep.2006.04.012.
61. **GABA(B1) knockout mice reveal alterations in prolactin levels, gonadotropic axis, and reproductive function.**  
Catalano PN, Bonaventura MM, Silveyra P, Bettler B, Libertun C, Lux-Lantos VA.  
*Neuroendocrinology.* 2005;82(5-6):294-305. doi: 10.1159/000093128.
62. **Adenohypophyseal and hypothalamic GABA B receptor subunits are downregulated by estradiol in adult female rats.**  
Rey-Roldán EB, Bianchi MS, Bettler B, Becu-Villalobos D, Lux-Lantos V, Libertun C.  
*Life Sci.* 2006 Jun 20;79(4):342-50. doi: 10.1016/j.lfs.2006.01.014.
63. **Expression of gamma-aminobutyric acid B receptor subunits in hypothalamus of male and female developing rats.**  
Bianchi MS, Lux-Lantos VA, Bettler B, Libertun C.  
*Brain Res Dev Brain Res.* 2005 Dec 7;160(2):124-9.  
doi: 10.1016/j.devbrainres.2005.06.017.
64. **Differential gonadotropin releasing hormone (GnRH) expression, autoregulation and effects in two models of rat luteinized ovarian cells.**  
Sorianello EM, Fernandez MO, Catalano PN, Mongiat LA, Somoza GM, Libertun C, Lux-Lantos VA.  
*Life Sci.* 2005 Sep 9;77(17):2141-55. doi: 10.1016/j.lfs.2005.03.018.

65. Effect of androgens on sexual differentiation of pituitary gamma-aminobutyric acid receptor subunit GABA(B) expression.  
Bianchi MS, Catalano PN, Bonaventura MM, Silveyra P, Bettler B, Libertun C, Lux-Lantos VA.  
Neuroendocrinology. 2004;80(3):129-42. doi: 10.1159/000082527.
66. Oestradiol restores cell proliferation in dentate gyrus and subventricular zone of streptozotocin-diabetic mice.  
Saravia F, Revin Y, Lux-Lantos V, Beauquis J, Homo-Delarche F, De Nicola AF.J  
Neuroendocrinol. 2004 Aug;16(8):704-10. doi: 10.1111/j.1365-2826.2004.01223.x.
67. Evidence for different gonadotropin-releasing hormone response sites in rat ovarian and pituitary cells.  
Mongiat LA, Lux-Lantos VA, Libertun C.  
Biol Reprod. 2004 Aug;71(2):464-9. doi: 10.1095/biolreprod.104.027342.
68. Gonadotropin-releasing hormone signaling pathways in an experimental ovarian tumor.  
Chamson-Reig A, Sorianello EM, Catalano PN, Fernández MO, Pignataro OP, Libertun C, Lux-Lantos VA.  
Endocrinology. 2003 Jul;144(7):2957-66. doi: 10.1210/en.2003-0011.
69. Gonadotropins and inhibins along the development of a luteinized rat ovarian tumor.  
Hockl P, Sorianello E, Chamson-Reig A, Ballerini G, Campo S, Groome N, Lux-Lantos V, Libertun C.  
Mol Cell Endocrinol. 2003 May 30;203(1-2):137-46. doi: 10.1016/s0303-7207(03)00085-6.
70. Angiotensin and calcium signaling in the pituitary and hypothalamus.  
Suárez C, Tornadú IG, Cristina C, Vela J, Iglesias AG, Libertun C, Díaz-Torga G, Becu-Villalobos D.  
Mol Neurobiol. 2002 Jun;22(3):315-33. doi: 10.1023/a:1020772018703.
71. Development of an experimental ovarian tumor: immunocytochemical analysis.  
Sorianello E, Fritz S, Beyer C, Hales DB, Mayerhofer A, Libertun C, Lux-Lantos V.  
Eur J Endocrinol. 2002 Sep;147(3):387-95. doi: 10.1530/eje.0.1470387.
72. Actions of immunosuppressor drugs on the development of an experimental ovarian tumor.  
Sorianello E, Schillaci R, Chamson-Reig A, Lux-Lantos V, Libertun C.  
Exp Biol Med (Maywood). 2002 Sep;227(8):658-64.  
doi:10.1177/153537020222700816.
73. Guinea pig gonadotropin-releasing hormone: expression pattern, characterization and biological activity in rodents.  
Montaner AD, Mongiat L, Lux-Lantos VA, Warby C, Chewpoy B, Bianchi MS, Libertun C, Rivier JE, Sherwood NM, Somoza GM.

Neuroendocrinology. 2002 May;75(5):326-38. doi: 10.1159/000057342.

74. Quantitation of polyamines in hypothalamus and pituitary of female and male developing rats.  
Thyssen SM, Libertun C.  
Neurosci Lett. 2002 Apr 19;323(1):65-9. doi: 10.1016/s0304-3940(02)00097-6.
75. Effects of polyamines on the release of gonadotropin-releasing hormone and gonadotropins in developing female rats.  
Thyssen SM, Hockl PF, Chamson A, Lux-Lantos VA, Libertun C.  
Exp Biol Med (Maywood). 2002 Apr;227(4):276-81. doi: 10.1177/153537020222700408.
76. Structure and biological activity of gonadotropin-releasing hormone isoforms isolated from rat and hamster brains.  
Montaner AD, Mongiat L, Lux-Lantos VA, Park MK, Fischer WH, Craig AG, Rivier JE, Lescheid D, Lovejoy D, Libertun C, Sherwood NM, Somoza GM.  
Neuroendocrinology. 2001 Sep;74(3):202-12. doi: 10.1159/000054687.
77. GABA(B) receptors in anterior pituitary cells. Mechanism of action coupled to endocrine effects.  
Lux-Lantos V, Becú-Villalobos D, Bianchi M, Rey-Roldán E, Chamson-Reig A, Pignataro O, Libertun C.  
Neuroendocrinology. 2001 May;73(5):334-43. doi: 10.1159/000054650.
78. Progestin regulation of galanin and prolactin gene expression in oestrogen-induced pituitary tumours.  
Piroli GG, Cassataro J, Pietranera L, Grillo CA, Ferrini M, Lux-Lantos V, De Nicola AF.J  
Neuroendocrinol. 2001 Mar;13(3):302-9. doi: 10.1046/j.1365-2826.2001.00633.x.
79. Ontogenic expression of anterior pituitary GABA(B) receptor subunits.  
Bianchi M, Rey-Roldán E, Bettler B, Ristig D, Malitschek B, Libertun C, Lux-Lantos V.  
Neuropharmacology. 2001;40(2):185-92. doi: 10.1016/s0028-3908(00)00146-5.
80. Sexual dimorphism in diethylstilbestrol-induced prolactin pituitary tumors in F344 rats.  
Piroli GG, Torres A, Pietranera L, Grillo CA, Ferrini MG, Lux-Lantos V, Aoki A, De Nicola AF.  
Neuroendocrinology. 2000 Aug;72(2):80-90. doi: 10.1159/000054575.
81. Reproductive effects of hexachlorobenzene in female rats.  
Alvarez L, Randi A, Alvarez P, Piroli G, Chamson-Reig A, Lux-Lantos V, Kleiman de Pisarev D.  
J Appl Toxicol. 2000 Jan-Feb;20(1):81-7.  
doi: 10.1002/(sici)1099-1263(200001/02)20:1<81::aid-jat629>3.0.co;2-z.

82. Development of an experimental ovarian tumor over a year in the rat.  
Chamson-Reig A, Bianchi MS, Rey-Roldán E, Sorianello E, Libertun C, Lux-Lantos V.  
*Life Sci.* 1999;65(12):1275-85. doi: 10.1016/s0024-3205(99)00363-x.
83. Calcium influx and intracellular stores in angiotensin II stimulation of normal and hyperplastic pituitary cells.  
Iglesias AG, Diaz-Torga G, Lux-Lantos V, Libertun C, Becu-Villalobos D.  
*J Physiol.* 1999 Sep;277(3):E455-63. doi: 10.1152/ajpendo.1999.277.3.E455.
85. Alterations in intracellular messengers mobilized by gonadotropin-releasing hormone in an experimental ovarian tumor.  
Chamson-Reig A, Pignataro OP, Libertun C, Lux-Lantos VA.  
*Endocrinology.* 1999 Aug;140(8):3573-80. doi: 10.1210/endo.140.8.6909.
86. Ontogenetic and sexual differences in pituitary GnRH receptors and intracellular Ca<sup>2+</sup> mobilization induced by GnRH.  
Lacau-Mengido IM, González Iglesias A, Lux-Lantos V, Libertun C, Becú-Villalobos D.  
*Endocrine.* 1998 Apr;8(2):177-83. doi: 10.1385/endo:8:2:177.
87. Mechanisms in progestin antagonism of pituitary tumorigenesis.  
Piroli G, Torres A, Grillo C, Lux-Lantos V, Aoki A, De Nicola AF.  
*J Steroid Biochem Mol Biol.* 1998 Jan;64(1-2):59-67.  
doi: 10.1016/s0960-0760(97)00139-8.
88. Brain sexual differentiation and gonadotropins secretion in the rat.  
Becú-Villalobos D, González Iglesias A, Díaz-Torga G, Hockl P, Libertun C.  
*Cell Mol Neurobiol.* 1997 Dec;17(6):699-715. doi: 10.1023/a:1022542221535.
89. alpha-difluoromethylornithine modifies gonadotropin-releasing hormone release and follicle-stimulating hormone secretion in the immature female rat.  
Thyssen SM, Becú-Villalobos D, Lacau-Mengido IM, Libertun C.  
*Proc Soc Exp Biol Med.* 1997 Jun;215(2):192-7. doi: 10.3181/00379727-215-44128.
90. GnRH receptors and GnRH endocrine effects on luteoma cells.  
Chamson-Reig A, Lux-Lantos V, Tesone M, Libertun C.  
*Endocrine.* 1997 Apr;6(2):165-71. doi: 10.1007/BF02738960.
91. In vivo interaction of baclofen, TRH and serotonin on PRL and TSH secretion in the developing and adult male and female rats.  
Rey-Roldán EB, Lux-Lantos V, Chamson-Reig A, Libertun C.  
*Life Sci.* 1997;61(23):2283-90. doi: 10.1016/s0024-3205(97)00932-6.
92. Different serotonin receptor types participate in 5-hydroxytryptophan-induced gonadotropins and prolactin release in the female infantile rat.  
Lacau-Mengido IM, Libertun C, Becú-Villalobos D.  
*Neuroendocrinology.* 1996 May;63(5):415-21. doi: 10.1159/000127089.

93. **Antagonism by progesterone of diethylstilbestrol-induced pituitary tumorigenesis in Fischer 344 rats: effects on sex steroid receptors and tyrosine hydroxylase mRNA.**  
Piroli GG, Grillo CA, Ferrini MG, Lux-Lantos V, De Nicola AF.  
*Neuroendocrinology*. 1996 Jun;63(6):530-9. doi: 10.1159/000127082.
94. **Baclofen, a gamma-aminobutyric acid B agonist, modifies hormonal secretion in pituitary cells from infantile female rats.**  
Rey-Roldan EB, Lux-Lantos AR, Gonzalez-Iglesias AE, Becu-Villalobos D, Libertun C.  
*Life Sci*. 1996;58(13):1059-65. doi: 10.1016/0024-3205(96)00059-8.
95. **Alpha-difluoromethylornithine modifies FSH secretion and puberty onset in the female rat.**  
Thyssen SM, Libertun C.  
*Proc Soc Exp Biol Med*. 1996 Jan;211(1):76-80. doi: 10.3181/00379727-211-43954.
96. **Development of gonadotropin-releasing hormone (GnRH) neuron regulation in the female rat.**  
Becú-Villalobos D, Libertun C.  
*Cell Mol Neurobiol*. 1995 Feb;15(1):165-76. doi: 10.1007/BF02069564.
97. **Effect of a gonadotropin releasing hormone analog on an experimental ovarian tumor: direct and indirect actions.**  
Lux-Lantos VA, Thyssen SM, Chamson A, Libertun C.  
*Life Sci*. 1995;57(3):291-300. doi: 10.1016/0024-3205(95)00272-8.
98. **Anterior pituitary estradiol receptors associated with the reinstatement of ovulatory cycles after lactation interruption in the rat.**  
Lux-Lantos V, Hockl P, Tesone M, Libertun C.  
*Neuroendocrinology*. 1994 Mar;59(3):265-70. doi: 10.1159/000126667.
99. **Effects of LHRH and ANG II on prolactin stimulation are mediated by hypophysial AT1 receptor subtype.**  
Becú-Villalobos D, Lacau-Mengido IM, Thyssen SM, Díaz-Torga GS, Libertun C.  
*Am J Physiol*. 1994 Feb;266(2 Pt 1):E274-8. doi: 10.1152/ajpendo.1994.266.2.E274.
100. **Ontogeny of angiotensin-II-induced prolactin release in vivo and in vitro in female and male rats.**  
Díaz-Torga GS, Becú-Villalobos D, Libertun C.  
*Neuroendocrinology*. 1994 Jan;59(1):57-62. doi: 10.1159/000126638.
101. **Antidopaminergic-induced hypothalamic LHRH release and pituitary gonadotrophin secretion in 12 day-old female and male rats.**  
Lacau-Mengido IM, Becú-Villalobos D, Thyssen SM, Rey EB, Lux-Lantos VA, Libertun C.  
*J Neuroendocrinol*. 1993 Dec;5(6):705-9. doi: 10.1111/j.1365-2826.1993.tb00543.x.

102. Restoration by bromocriptine of glucocorticoid receptors and glucocorticoid negative feedback on prolactin secretion in estrogen-induced pituitary tumors.  
Piroli G, Grillo C, Ferrini M, Diaz-Torga G, Libertun C, De Nicola AF.  
Neuroendocrinology. 1993 Sep;58(3):273-9. doi: 10.1159/000126550.
103. Prolactin-releasing effect of buspirone in developing and adult male and female rats.  
Hockl PF, Diaz GS, Libertun C.  
Proc Soc Exp Biol Med. 1993 Apr;202(4):447-50. doi: 10.3181/00379727-202-43557.
104. Sexual and ontogenetic differences in K<sup>(+)</sup>-induced gonadotropin and prolactin release in vitro.  
Díaz-Torga G, Becú-Villalobos D, Lacau de Mengido IM, Libertun C.  
Brain Res Dev Brain Res. 1992 Nov 20;70(1):103-8. doi: 10.1016/0165-3806(92)90108-9.
105. Activation of GABA B receptors in the anterior pituitary inhibits prolactin and luteinizing hormone secretion.  
Lux-Lantos V, Rey E, Libertun C.  
Neuroendocrinology. 1992 Nov;56(5):687-93. doi: 10.1159/000126294.
106. Estrogens regulate angiotensin-converting enzyme and angiotensin receptors in female rat anterior pituitary.  
Seltzer A, Pinto JE, Viglione PN, Correa FM, Libertun C, Tsutsumi K, Steele MK, Saavedra JM.  
Neuroendocrinology. 1992 Apr;55(4):460-7. doi: 10.1159/000126157.
107. Octopamine and phenylethylamine inhibit prolactin secretion both in vivo and in vitro.  
Becú-Villalobos D, Thyssen SM, Rey EB, Lux-Lantos V, Libertun C.  
Proc Soc Exp Biol Med. 1992 Feb;199(2):230-5. doi: 10.3181/00379727-199-43352.
108. Ontogenetic studies of the neural control of adenohypophyseal hormones in the rat. II. Prolactin.  
Becú-Villalobos D, Lacau-Mengido IM, Díaz-Torga GS, Libertun C.  
Cell Mol Neurobiol. 1992 Feb;12(1):1-19. doi: 10.1007/BF00711635.
109. Further evidence for the inhibitory action of baclofen on a prolactin-releasing factor.  
Lux-Lantos V, Somoza G, Rey E, Libertun C.  
Proc Soc Exp Biol Med. 1991 Jul;197(3):337-41. doi: 10.3181/00379727-197-43265.
110. Ontogenetic studies of the neural control of adenohypophyseal hormones in the rat: gonadotropins.  
Becú-Villalobos D, Lacau-Mengido IM, Libertun C.

Cell Mol Neurobiol. 1990 Dec;10(4):473-84. doi: 10.1007/BF00712842.

111. Ovarian follicle-stimulating hormone binding changes associated with the reinstatement of ovulatory cycles after lactation interruption in the rat.  
Lux-Lantos V, Tesone M, Libertun C.  
Endocrinology. 1990 Feb;126(2):680-6. doi: 10.1210/endo-126-2-680.
112. Prolactin-releasing effect of tryptolines in the developing and adult male and female rats.  
Rey ER, Lux-Lantos VA, Libertun C.  
Life Sci. 1990;47(18):1635-40. doi: 10.1016/0024-3205(90)90368-2.
113. Developmental changes in FSH secretion induced by 5-hydroxytryptophan, naloxone and haloperidol in male and female rats.  
Becú-Villalobos D, Lacau-Mengido IM, Libertun C.  
Brain Res Dev Brain Res. 1989 Jun 1;47(2):181-6. doi: 10.1016/0165-3806(89)90174-0.
114. Chronic activation of dopamine receptors in the female infantile rat: effect on hypophyseal hormones and on the onset of puberty.  
de Mengido IM, Becú-Villalobos D, Díaz G, Libertun C.  
Endocrinology. 1989 Feb;124(2):746-53. doi: 10.1210/endo-124-2-746.
115. Diazepam: endocrine effects and hypothalamic binding sites in the developing male and female rat.  
Lacau de Mengido IM, Diaz-Torga GS, Libertun C.  
Life Sci. 1989;45(7):567-75. doi: 10.1016/0024-3205(89)90041-6.
116. Natural and artificially induced ovulatory models related to lactation in the rat: role of prolactin.  
Lux VA, Ramírez MI, Libertun C.  
Proc Soc Exp Biol Med. 1988 Jul;188(3):301-7. doi: 10.3181/00379727-188-42738.
117. Differential responsiveness of LH and prolactin to p-tyramine in male and female rats.  
Becú-Villalobos D, Libertun C.  
Proc Soc Exp Biol Med. 1988 May;188(1):103-7. doi: 10.3181/00379727-188-42714.
118. Neuroendocrine changes in female rats born from streptozotocin-diabetic mothers.  
Foglia VG, Heller CL, Becú-Villalobos D, Weisenberg LS, Lacau de Mengido IM, Piroli G, Libertun C, De Nicola AF.  
Horm Metab Res. 1987 Nov;19(11):545-8. doi: 10.1055/s-2007-1011879.
119. Sexual differences in the dopaminergic control of luteinizing hormone secretion in the developing rat.  
Lacau de Mengido I, Becú-Villalobos D, Libertun C.

Brain Res. 1987 Sep;432(1):91-5. doi: 10.1016/0165-3806(87)90011-3.

120. Further evidence for endogenous hypothalamic serotonergic neurons involved in the cimetidine-induced prolactin release in the rat.  
Kertesz E, Somoza GM, D'Eramo JL, Libertun C.  
Brain Res. 1987 Jun 9;413(1):10-4. doi: 10.1016/0006-8993(87)90148-x.
121. Prolactin inhibition by p-tyramine in the male rat: site of action.  
Becú-Villalobos D, Vacas MI, Libertun C.  
Endocrinology. 1987 Jun;120(6):2297-301. doi: 10.1210/endo-120-6-2297.
122. beta-(4 Chlorophenyl) GABA (baclofen) inhibits prolactin and thyrotropin release by acting on the rat brain.  
Lux VA, Somoza GM, Libertun C.  
Proc Soc Exp Biol Med. 1986 Dec;183(3):358-62. doi: 10.3181/00379727-183-42431.
123. Ontogenesis of [3H]serotonin binding sites in the hypothalamus of the female rat: relation to serotonin-induced LH release in moxestrol-pretreated rats.  
Becú-Villalobos D, Libertun C.  
Brain Res. 1986 Feb;390(1):111-6. doi: 10.1016/0165-3806(86)90157-4.
124. Baclofen, a GABA derivative, inhibits stress-induced prolactin release in the rat.  
D'Eramo JL, Somoza GM, Kertesz E, Libertun C.  
Eur J Pharmacol. 1986 Jan 14;120(1):81-5. doi: 10.1016/0014-2999(86)90643-6.
125. Hormonal effects on unoccupied estrogen receptors in nuclei of anterior pituitary glands.  
Weisenberg LS, Ortí E, Piroli G, Libertun C, De Nicola AF.  
Acta Physiol Pharmacol Latinoam. 1986;36(4):473-87.
126. Participation of GABA B binding sites on brain control of pituitary secretion: effect of baclofen.  
Lux VA, D'Eramo JL, Somoza GM, Libertun C.  
Adv Biochem Psychopharmacol. 1986;42:145-53.
127. p-Tyramine, a natural amine, inhibits prolactin release in vivo.  
Becú-Villalobos D, Lacau de Mengido IM, Libertun C.  
Endocrinology. 1985 May;116(5):2044-8. doi: 10.1210/endo-116-5-2044.
128. Effect of median eminence lesions and hormonal replacement on the prolactin receptors in the adrenal gland and Langerhans islets from ovariectomized adult rats.  
Lüthy IA, Tesone M, Oliveira-Filho RM, Somoza GM, Charreau EH, Libertun C, Calandra RS.  
J Recept Res. 1985;5(1):105-19. doi: 10.3109/10799898509041873.

129. High correlation between prolactinemia,  $^{125}\text{I}$  hLH binding and progesterone secretion by an experimental luteoma.  
Lux VA, Tesone M, Larrea GA, Libertun C.  
Life Sci. 1984 Dec 3;35(23):2345-52. doi: 10.1016/0024-3205(84)90526-5.
130. Sexual differences in the serotonergic control of prolactin and luteinizing hormone secretion in the rat.  
Becú de Villalobos D, Lux VA, Lacau de Mengido I, Libertun C.  
Endocrinology. 1984 Jul;115(1):84-9. doi: 10.1210/endo-115-1-84.
131. Prolactin and milk ejection during the first 20 minutes of suckling in the rat: blockade by Nembutal and by amino oxyacetic acid.  
Arakelian MC, Foglia VG, Libertun C.  
Horm Metab Res. 1984 Mar;16(3):154. doi: 10.1055/s-2007-1014726.
132. A developmental study of adenohypophyseal dopaminergic receptors and of haloperidol-induced prolactin release in rats.  
Becú de Villalobos D, Vacas MI, Cardinali DP, Libertun C.  
Brain Res. 1984 Feb;314(2):167-71. doi: 10.1016/0165-3806(84)90039-7.
133. Changes in nuclear translocation of estradiol-receptor complex in anterior pituitary and uterus of rats with streptozotocin diabetes.  
Weisenberg L, Fridman O, Libertun C, De Nicola AF.  
J Steroid Biochem. 1983 Dec;19(6):1737-41. doi: 10.1016/0022-4731(83)90351-5.
134. Serotonergic involvement in the cimetidine-induced prolactin release.  
Becú D, Libertun C.  
Endocrinology. 1983 Dec;113(6):1980-4. doi: 10.1210/endo-113-6-1980.
135. Inhibition by naloxone of the serotonin-induced prolactin release in free-moving rats.  
Somoza GM, Larrea GA, Becú D, Cardinali DP, Libertun C.  
J Neural Transm. 1983;56(1):97-102. doi: 10.1007/BF01243378.
136. gamma-Aminobutyric acid receptors in anterior pituitary and brain areas after median eminence lesions.  
Fiszer de Plazas S, Becú D, Mitridate de Novara A, Libertun C.  
Endocrinology. 1982 Dec;111(6):1974-8. doi: 10.1210/endo-111-6-1974.
137. Comparative maturation of the regulation of prolactin and thyrotropin by serotonin and thyrotropin-releasing hormone in male and female rats.  
Becú D, Libertun C.  
Endocrinology. 1982 Jun;110(6):1879-84. doi: 10.1210/endo-110-6-1879.
138. Further studies on the effect of cimetidine and other neurotropic drugs on rat serum prolactin.

Arakelian MC, Foglia VG, Libertun C.  
Horm Metab Res. 1982 Mar;14(3):147-50. doi: 10.1055/s-2007-1018950.

139. [Neuroendocrine control of prolactin secretion.](#)  
Libertun C, Becú D, Arakelian MC, Somoza GM, Lux VA.  
Prog Clin Biol Res. 1982;87:131-52.