

ЭСТРОГЕН-ИНДУЦИРОВАННЫЙ ГИСТОГЕНЕЗ В МАТКЕ ПРИ ЭНДОКРИННОМ ДИСБАЛАНСЕ

Гунин Андрей Германович

диссертация на соискание ученой степени доктора медицинских наук

E-mail: drgunin@mail.ru

ЛИТЕРАТУРА

1. Аминева Х.К., Журавлева Т.Б. Железистая гиперплазия эндометрия при экспериментальном гиперэстрогенизме. Арх патологии, 1974, № 1, 53-60
2. Волкова О.В. Функциональная морфология женской репродуктивной системы, М.: Медицина, 1983, 224 с
3. Ганина К.П., Полищук Л.З., Бучинская Л.Г. Функциональная морфология и цитогенетика железистой гиперплазии и рака эндометрия. Киев: Наукова Думка, 1990, 160 с.
4. Гладкова А.И. Репродуктивная функция крыс-самок в условиях скученности. Физиол ж, 1992, 78, 86-92
5. Грушанская Н.В., Локтионова А.С. Количественное гистохимическое исследование изоферментов щелочной фосфатазы в матке овариэктомированных золотистых хомячков при эстрогенизации. Бюлл эксперим биол и мед, 1980, 89, 46-48
6. Гордон Д.С., Гунин А.Г. Локализация гистамина в структурах матки крыс. Архив анат, гистол и эмбриол, 1988, 95, 66-68
7. Гунин А.Г. Распределение гистамина в структурах матки овариэктомированных крыс при введении эстрадиола, антагонистов гистамина и ингибитора биосинтеза простагландинов. Архив анат, гистол и эмбриол, 1989, 97, 82-86
8. Гунин А.Г., Гордон Д.С. Принадлежность гранулярных биогенные амины содержащих клеток к системе мононуклеарных фагоцитов. Архив анат, гистол и эмбриол, 1990, 98, 68-70
9. Гунин А.Г., Гордон Д.С., Семенов В.Д. Влияние эстрадиола на распределение гистамина в структурах матки крыс в норме и при экспериментальном введении гормона. Пробл эндокринол, 1991, 37, 49-51
10. Епифанова О.И. Гормоны и размножение клеток. М.: Медицина, 1965, 243 с.
11. Запорожан В.М., Хайт О.В., Ли Л.Н. Влияние тималина на некоторые иммунологические показатели и морфофункциональную структуру матки у морских свинок с гиперплазией эндометрия. Бюлл Эксперим Биол и Мед, 1989, 107, 251-253
12. Ионов И.Д. Тучные клетки и базофилы в репродуктивной функции женщины. Акушерство и гинекология, 1988, 11, 9-12
13. Исмаилов Ю.Б. Стресс и нейро-эндокринные механизмы регуляции лактации у крыс / Тез. докл. 4 Всес. конф. "Эндокрин. система организма и вредные факторы окружающей среды, Ростов на Дону, 15-19 сент 1991. Л.: 1991, 104
14. Кириллов О.И. Процессы клеточного обновления и роста в условиях стресса. М.: Наука, 1977, 120 с.
15. Кияткин Е.А., Полянцев Ю.В., Кушлинский Н.Е., Аширагова М.Г. АКТГ, кортикостерон и \square -эндорфин в плазме крови крыс в условиях длительного иммобилизационного стресса. Бюлл эксперим биол и мед, 1985, 100, 157-160
16. Кондриков Н.И., Беляева Л.А., Завалишина Л.Э. Ультраструктура и электронно-гистохимические особенности клеток стромы эндометрия. Акушерство и гинекология, 1993, 1, 33-40
17. Корнева Е.А., Шхинек Э.К. Гормоны и иммунная система. Л.: Наука, 1988, 252 с.
18. Лагучев С.С. Гормональная регуляция пролиферации эпителия матки, влагалища и молочных желез. М.: Медицина, 1970, 160 с.
19. Лагучев С.С. Гормоны и митотический цикл клетки. М.: Медицина, 1975, 176 с.
20. Лакин Г.Ф. Биометрия. М.: Высш. шк., 1990, 352 с.
21. Лейси А. Под ред. Световая микроскопия в биологии. Методы: Пер с англ. М.: Мир, 1992, 464 с.
22. Лилли Р. Патогистологическая техника и практическая гистохимия: Пер. с англ. М.: Мир, 1969, 646 с.
23. Локтионов А.С., Прянишников В.А. Авторадиографическое исследование гормональной регуляции пролиферации клеток матки золотистых хомячков в постнатальном онтогенезе. Бюлл эксперим биол и мед, 1981, 92, 359 - 361
24. Луппа Х. Основы гистохимии: Пер. с нем. М.: Мир, 1980, 344 с.
25. Немков Ю.К., Черточ А.Г., Черточ В.М. Изменения капиллярного русла эндометрия матки крыс в течение эстрального цикла. Морфология, 1992, 102, 56-59
26. Остин К, Шорт Р. Гормональная регуляция размножения у млекопитающих: Пер. с англ. М.: Мир, 1987, 305 с.
27. Панин Л.Е. Биохимические механизмы стресса. Новосибирск: Наука, Сибирское отделение, 1983, 233 с.
28. Панкова Т.Г., Игонина Т.М., Салганик Р.И. Роль гистамина как посредника в действии эстрадиола на матку крыс: торможение гормональной индукции ферментов с помощью антагонистов гистамина. Пробл эндокринол, 1985, 31, 73-78
29. Петрова Е.Н. Гистологическая диагностика заболеваний матки. М.: Медицина, 1964, 222 с
30. Попова Л.А. Влияние гормонов яичников на тучные клетки в денервированной матке крысы. Физиол ж, 1989, 35, 75-80

31. Попова Л.А. Эффект половых гормонов на содержание циклических нуклеотидов в денервированной матке крыс. Физиол ж, 1989, 35, 30-35
32. Посконова М.А., Ноздрачева Л.В., Саркисян Д.А., Сахарова А.В. Влияние эстрогенов на адренергический нервный аппарат матки крысы. Бюлл эксперим биол и мед, 1973, 76, С. 119-121
33. Рыжова Р.К. Объем клеток железистого эпителия и стромы эндометрия как показатель функционального состояния яичников. Акушерство и гинекология, 1970, 12. - 21-23
34. Секретарева Е.В., Проймина Ф.И., Флерова Н.И. Гормональная чувствительность матки крыс после ее химической десимпатизации. Пробл Эндокринол, 1993, 39, 37-39
35. Сергеев П.В., Шимановский Н.Л. Рецепторы физиологически активных веществ. М.: Медицина, 1987, 400 с.
36. Теппермен Д., Теппермен Х. Физиология обмена веществ и эндокринной системы: Вводный курс: Пер.с англ. М.:Мир,1989, 653 с.
37. Тимошин С.С., Бережнова Н.И. Ускорение вертикальной миграции клеток эпителия роговицы белых крыс при хроническом иммобилизационном стрессе у крыс. Бюлл эксперим биол и мед, 1985, 100, 167-169
38. Тимошин С.С., Швец С.И., Радивоз М.И., Александрович А.Г., Мельник Е.И. Влияние даларгина на пролиферативные процессы эпителия желудка при повторных воздействиях различных стрессоров. Бюлл эксперим биол и мед, 1991, 112, 130-132
39. Топчиева О.И., Прянишников В.А., Жемкова З.П. Биопсии эндометрия, М.: Медицина, 1978, 221 с.
40. Четвертаков В.В., Кастрюбин Э.М., Соколов А.К., Левина О.Е. Роль эмоционального напряжения в возникновении осложнений в акушерской практике. Акушерство и гинекология, 1988, 4, 17-20
41. Черток А.Г., Немков Ю.К., Момот Л.Н., Черток В.М. Функциональная морфология капиллярного русла матки после введения синестрола. Бюлл эксперим биол и мед, 1990, 109, 605-607
42. Шаляпина В.Г., Ракитская В.В., Абрамченко В.В. Адренергическая иннервация матки. Л.: Наука, Ленингр. отделение. 1988, 143 с.
43. Abdi-Dezfuli F, Poyser NL. Hormonal control of proteins synthesized and secreted by guinea-pig endometrium. *J Reprod Fertil*, 1993, 97, 179-188
44. Abe H, Oikawa T. Observations by scanning electron microscopy of oviductal epithelial cells from cows at follicular and luteal phases. *Anat Rec*, 1993, 235, 399-410
45. Abercrombie ED, Keefe KA, DiFrischia DS, Zigmond MJ. Differential effect of stress on in vivo dopamine release in striatum, nucleus accumbens, and medial frontal cortex. *J Neurochem*, 1989, 52, 1655-1658
46. Adham N, Schen KE. Autonomic innervation of the rat vagina, cervix and uterus and its cyclic variations. *Amer J Obstet Gynecol*, 1969, 104, 508-516
47. Acevedo CG, Contreras E. Effects of morphine on adrenaline responses of uteri from progesterone or estradiol treated mice. *Comp Biochem Physiol C*, 1987, 87, 425-428
48. Alkhala M, Propper AY, Adessi GL. Proliferation of guinea-pig uterine epithelial cells in serum-free culture conditions: effect of 17 beta-estradiol, epidermal growth factor and insulin. *J Steroid Biochem Mol Biol*, 1991, 38, 345-350
49. Alkhala M, Propper AY, Chaminadas G, Adessi GL. Ultrastructural changes in guniea pig endometrial cells during the estrous cycle. *J Morphol*, 1992, 214, 83-96
50. Amso NN, Crow J, Shaw RW. Comparative immunohistochemical study of oestrogen and progesterone receptors in the fallopian tube and uterus at different stages of the menstrual cycle and the menopause. *Hum Reprod*, 1994, 9, 1027-1037
51. Anolik JH, Klinge CM, Hilf R, Bambara RA. Cooperative binding of estrogen receptor to DNA depends on spacing of binding sites, flanking sequence, and ligand. *Biochemistry*, 1995, 34, 2511-2520
52. Anuradha P, Thampan RV. Hormonal regulation of gap junction proteins and estrogen receptor activation factors in the rat uterus. *Membr Biochem*, 1993, 10, 119-127
53. Anuradha P, Thampan RV. Synthesis of gap junction proteins and collagenases in the preimplantation rat uterus. *Membr Biochem*, 1993, 10, 163-169
54. Armario A, Marti O, Gavalda A, Giralt M, Jolin T. Effects of chronic immobilization stress on GH and TSH secretion in the rat: response to hypothalamic regulatory factors. *Psychoneuroendocrinology*, 1993, 18, 405-413
55. Aronica SM, Katzenellenbogen BS. Stimulation of estrogen receptor-mediated transcription and alteration in the phosphorylation state of the rat uterine estrogen receptor by estrogen, cyclic adenosine monophosphate, and insulin-like growth factor-I. *Mol Endocrinol*, 1993, 7, 743-752
56. Artacho-Perula E, Roland-Villalobos R, Roldan-Villalobos A, Salas-Molina J, Vaamonde- Cornillie FJ, Lauweryns JM, Brosens IA. Normal human endometrium: An ultrastructural survey. *Gynecol Obstet Invest*, 1985, 20, 113-129
57. Aso T, Nedami A, Inaki H, Tominaga T. The influence of prolactin on the biological activities of cultured human endometrial stromal cells / Prolactin Gene Fam and Receptors: *Mol Biol Clin Probl Proc 5th Int Congr Prolactin*, 1988 July 13-16, Kyoto, Amsterdam etc, 1988, 425 - 432
58. Astrahantseff KN, Morris JE. Estradiol-17 beta stimulates proliferation of uterine epithelial cells cultured with stromal cells but not cultured separately. *In Vitro Cell Dev Biol Anim*, 1994, 30, 769-776
59. Atkinson S, Adams NR. Adrenal glands alter the concentration of oestradiol-17 beta and its receptor in the uterus of ovariectomized ewes. *J Endocrinol*, 1988, 118, 375-380

60. Bani G, Maurizi M, Bigazzi M, Sacchi TB. Effects of relaxin on the endometrial stroma. Studies in Mice. *Biol Reprod*, 1995, 53, 253-262
61. Baquer NZ, Sochor M, Kunjara S, McLean P. Effect of oestradiol on the carbohydrate metabolism of immature rat uterus: the role of fructose-2,6-bis-phosphate and of phosphoribosyl pyrophosphate. *Biochem Mol Biol Int*, 1993, 31, 509-519
62. Barbieri RL, Ryan KJ. Bromocriptin: endocrine pharmacology and therapeutic applications. *Fertil Steril*, 1983, 39, 727 - 741
63. Bar-Ami S, Amiri Z, Fares F, Gavish M. Modulation of peripheral benzodiazepine receptors in female rat genital organs by various gonadal steroids. *Life Sci*, 1994, 54, 1965-1975
64. Bartha L, Nagy GM, Kiem DT, Fekete MIK, Makara GB. Inhibition of suck-ling-induced prolactin release by dexamethasone. *Endocrinology*, 1991, 129, 635-640
65. Batra S, Owman C, Rydhstrom H, Sjoberg NO. Modulation by continuous oestrogen treatment and by progesterone of oestrogen receptors in the rabbit uterus. *J Endocrinol*, 1987, 115, 199-203
66. Batra S, Iosif CS. Tissue specific effects of progesterone on progesterone and estrogen receptors in the female urogenital tract. *J Steroid Biochem*, 1989, 32, 35-39
67. Batra S. Influence of chronic oestrogen treatment on the density of muscarinic cholinergic receptors and calcium channels in the rabbit uterus. *J Endocrinol*, 1990, 125, 185-189
68. Batra SC, Iosif CS. Effect of estrogen treatment on the peroxidase activity and estrogen receptors in the female rabbit urogenital tissues. *J Urol*, 1992, 148, 935-938
69. Beard AP, Hunter MG, Lamming GE. Quantitative control of oxytocin-induced PGF2 alpha release by progesterone and oestradiol in ewes. *J Reprod Fertil*, 1994, 100, 143-150
70. Ben-Nur H, Mor G, Insler V, Blickstein I, Amir-Zaltsman Y, Kohen F. Assessment of estrogen receptor distribution in human endometrium by direct immunofluorescence. *Acta Obstet Gynecol Scand*, 1995, 74, 97-102
71. Bender DA, Ghartey Sam K, Singh A. Effects of vitamin B6 deficiency and repletion on the uptake of steroid hormones into uterus slices and isolated liver cells of rats. *Br J Nutr*, 1989, 61, 619-628
72. Bengassi A, Gavalda A, Armario A, Arancibia S. Role de la somatostatine hypothalamique dans la diminution de la GH plasmatique lors d'un stress aigu. *Ann Endocrinol*, 1992, 53, 15
73. Bengtsson B, Marshall JM. Estrogen inhibition of noradrenaline release in rabbit oviduct. *Acta Physiol Scand*, 1983, 117, 321-329
74. Bergen HT, Pentecost BT, Dickerman HW, Pfaff DW. In situ hybridization for creatine kinase-B messenger RNA in rat uterus and brain. *Mol Cell Endocrinol*, 1993, 92, 111-119
75. Bergman MD, Schachter BS, Karelus K, Combatsiaris EP, Garcia T, Nelson JF. Up-regulation of the uterine estrogen receptor and its messenger ribonucleic acid during the mouse estrous cycle: the role of estradiol. *Endocrinology*, 1992, 130, 1923-1930
76. Berman IR, Ulcickas M, Yood SM, Grant RL. Cancer trends unique to Georgia. *J Med Assoc Ga*, 1993, 82, 29-33
77. Bertrand-Mercat P, Pasqualini JR. Antagonistic effect of the antiestrogen 4-hydroxytamoxifen on estradiol-stimulated acetylation of nuclear high mobility group (HMG) proteins in the uterus of newborn guinea-pigs. *Life Sci*, 1991, 48, 2081-2087
78. Bezcny I, Bartova J, Skarda J. Growth hormone treatment increases oestrogen receptor concentration in the guinea-pig uterus. *J Endocrinol*, 1992, 134, 5-9
79. Bhattacharyya N, Ramsammy R, Eatman E, Hollis VW, Anderson WA. Protooncogene, growth factor, growth factor receptor, and estrogen and progesterone receptor gene expression in the immature rat uterus after treatment with estrogen and tamoxifen. *J Submicrosc Cytol Pathol*, 1994, 26, 147-162
80. Biggsby RM. Progesterone and dexamethasone inhibition of estrogen-induced synthesis of DNA and complement in rat uterine epithelium: effects of antiprogestrone compounds. *J Steroid Biochem Mol Biol*, 1993, 45, 295-301
81. Biggsby RM, Li A. Differentially regulated immediate early genes in the rat uterus. *Endocrinology*, 1994, 134, 1820-1826
82. Biggsby RM, Young PC. Estrogenic effects of the antiprogestin onapristone (ZK98.299) in the rodent uterus. *Am J Obstet Gynecol*, 1994, 171, 188-194
83. Boettger-Tong HL, Stancel GM. Retinoic acid inhibits estrogen-induced uterine stromal and myometrial cell proliferation. *Endocrinology*, 1995, 7, 2975-2983
84. Bonney RC. Endocrine and paracrine regulation of endometrial function / Pap 12 Jt Meet Brit Endocr Soc, March 29 - Apr 1, 1993, Liverpool. *J Endocrinol*, 1993, 137, Suppl, 6
85. Boranic M, Pericic D, Radacic M, Poljak-Blozzi M, Sverko V, Miljenovic G. Immunological and neuroendocrine responses of rats to prolonged or repeated stress. *Biomedicine*, 1982, 36, 23-38
86. Borgundvaag B, Kudlow JE, Mueller SG, George SR. Dopamine receptor activation inhibits estrogen-stimulated transforming growth factor-alpha gene expression and growth in anterior pituitary, but not in uterus. *Endocrinology*, 1992, 130, 3453-3458
87. Bouda J, Mleziva J. Epidemiology of malignant tumors of the uterus. *Cesk Gynekol*, 1993, 58, 290-294
88. Bouhoff A, Johannsson E, Bohnet HG. Morphometric analysis of the endometrium of infertile patients in relation to peripheral hormone levels. *Fertil Steril*, 1990, 54, 84-89

89. Bowden JF, Bender DA, Coulson WF, Symes EK. Increased uterine uptake and nuclear retention of [³H]oestradiol through the oestrous cycle and enhanced end-organ sensitivity to oestrogen stimulation in vitamin B6 deficient rats. *J Steroid Biochem*, 1986, 25, 359-365
90. Brandes LJ, Hogg GR. Study of the in-vivo antioestrogenic action of N,N-diethyl-2-[4-(phenylmethyl)phenoxy]ethanamine HCl (DPPE), a novel intracellular histamine antagonist and antioestrogen binding site ligand. *J Reprod Fertil*, 1990, 89, 59-67
91. Brandon JM, Evans JE. Changes in uterine mast cells during the estrous cycle in the Syrian hamster. *Am J Anat*, 1983, 167, 241-247
92. Branham WS, Zehr DR, Sheehan DM. Differential sensitivity of rat uterine growth and epithelium hypertrophy to estrogens and antiestrogens. *Proc Soc Exp Biol Med*, 1993, 203, 297-303
93. Brantley KM, Whelly SM. Effect of estrogen on the elongation rate and number of RNA chains being synthesized in uterine nucleoli. *J Steroid Biochem*, 1990, 35, 367-375
94. Bression D, Brandi AM, Pagesy P, LeDafniel M, Martinet M, Brailly S, Michard M, Piellon F. In vitro and in vivo antagonistic regulation by estradiol and progesterone of the rat pituitary domperidone binding sites: correlation with ovarian steroid regulation of the dopaminergic inhibition of prolactin secretion in vitro. *Endocrinology*, 1985, 116, N 5, 1905-1911
95. Bridges JE, Prentice A, Roche W, Englefield P, Thomas EJ. Expression of integrin adhesion molecules in endometrium and endometriosis. *Brit J Obstet Gynaecol*, 1994, 101, 696-700
96. Briski KP, Sylvester PW. Effect of specific acute stressors on luteinizing hormone release in ovariectomized and estrogen-treated female rats. *Neuroendocrinology*, 1988, 47, 194-202
97. Brody S, Wiqvist N. Ovarian hormones and uterine growth: effects of estradiol, progesterone and relaxin on cell growth and cell division in the rat uterus. *Endocrinology*, 1961, 68, 971-977
98. Brown EO, Sundstrom SA, Komm BS, Yi Z, Teuscher C, Lytle CR. Progesterone regulation of estradiol-induced rat uterine secretory protein, complement C3. *Biol Reprod*, 1990, 42, 713-719
99. Brumsted JR, Riddick DH. Prolactin and the human menstrual cycle. *Semin Reprod Endocrinol*, 1992, 10, N 3, 220-227
100. Bruns ME, Overpeck JG, Smith GC, Hirsch GN, Mills SE, Bruns DE. Vitamin D-dependent calcium binding protein in rat uterus: differential effects of estrogen, tamoxifen, progesterone, and pregnancy on accumulation and cellular localization. *Endocrinology*, 1988, 122, 2371-2378
101. Bryant-Greenwood GD, Rutanan EM, Partanen S, Coelho TK, Yamamoto SY. Sequential appearance of relaxin, prolactin and IGFBP-1 during growth and differentiation of the human endometrium. *Mol Cell Endocrinol*, 1993, 95, 23-29
102. Bucher JR, Morgan DL, Adkins B Jr, Travlos GS, Davis BJ, Morris R, Elwell MR. Early changes in sex hormones are not evident in mice exposed to the uterine carcinogens chloroethane or bromoethane. *Toxicol Appl Pharmacol*, 1995, 130, 169-173
103. Buhi WC, Shille VM, Thatcher MJ, Alvarez IM, Qiu YX. Identification and immunolocalization of proteins synthesized by dog endometrium and membranes. *J Reprod Fertil*, 1993, 47, Suppl, 141-157
104. Bulletti C, Prefetto RA, Bazzocchi G, Romero R, Mimmi P, Polli V, Lanfranchi GA, Labate AM, Flamigni C. Electromechanical activities of human uteri during extra-corporeal perfusion with ovarian steroids. *Hum Reprod*, 1993, 8, 1558-1563
105. Bunce GE, Vessal M. Effect of zinc and/or pyridoxine deficiency upon oestrogen retention and oestrogen receptor distribution in the rat uterus. *J Steroid Biochem*, 1987, 26, 303-308
106. Buren Van GA, Yang DS, Clark KE. Estrogen-induced uterine vasodilatation is antagonized by L-nitroarginine methyl ester, an inhibitor of nitric oxide synthesis. *Am J Obstet Gynecol*, 1992, 167, 828-833
107. Burghardt RC, Matheson RL, Gaddy D. Gap junction modulation in rat uterus. I. Effects of estrogens on myometrial and serosal cells. *Biol Reprod*, 1984-2, 30, 239-248
108. Burghardt RC, Mitchell PA, Kurten R. Gap junction modulation in rat uterus. II. Effects of antiestrogens on myometrial and serosal cells. *Biol Reprod*, 1984-1, 30, 249-255
109. Cann MC SM. Central mechanisms involved in stress-induced hypogonadism. *Gynecol Endocrinol*, 1987, 1, Suppl, 28
110. Carson DD, Tang JP, Hu G. Estrogen influences dolichyl phosphate distribution among glycolipid pools in mouse uteri. *Biochemistry*, 1987, 26, 1598-1606
111. Carson DD, Tang JP. Estrogen induces N-linked glycoprotein expression by immature mouse uterine epithelial cells. *Biochemistry*, 1989, 28, 8116-8123
112. Carson DD, Farrar JD, Laidlaw J, Wright DA. Selective activation of the N-glycosylation apparatus in uteri by estrogen. *J Biol Chem*, 1990, 265, 2947-2955
113. Casimir V, Cohen WR, Parvez S, Hobel C, Parvez H. Phenylethanolamine-N-methyl transferase and catechol-O-methyl transferase activity in rat uterus. Cyclic and steroid-induced changes. *Acta Obstet Gynecol Scand*, 1993, 72, 606-610
114. Casslen BG, Siler-Khodr TM, Harper MJ K. Progesterone regulation of prolactin release from human endometrial stromal cells in culture: Potential bioassay for progestational activity. *Acta Endocrinol*, 1990, 122, 137-144

115. Castoria G, Migliaccio A, Green S, Di-Domenico M, Chambon P, Auricchio F. Properties of a purified estradiol-dependent calf uterus tyrosine kinase. *Biochemistry*, 1993, 32, 1740-1750
116. Ceccatelli S, Fahern Krug J, Eneroth P, Hokfelt T. Vasoactive intestinal polypeptide/ peptide histidine isoleucine-immunoreactive neuron system in the basal hypothalamus of a rat strain with deficient prolactin release in response to stress. *J Neuroendocrinol*, 1992, 4, N 1, 51-58
117. Chailleur C, Poirot M, Mesange F, Bayard F, Faye JC. Characterization of the membranous antiestrogen binding protein: I. Partial purification of the protein in its active state. *J Recept Res*, 1994, 14, 23-35
118. Chakraborty I, Mandal C, Chowdhury M. Modulation of sialic acid-binding proteins of rat uterus in response to changing hormonal milieu. *Mol Cell Biochem*, 1993, 126, 77-86
119. Chakraborty I, Chatterjee P, Chowdhury M. Hormonal regulation of sialic acid-binding (SAS) protein synthesis of rat uterus. *Mol Cell Biochem*, 1993, 124, 115-120
120. Chakraborty C, Vrontakis M, Molnar P, Schroedter IC, Katsumata N, Murphy LJ, Shiu RP, Friesen HG. Expression of pituitary peptide 23 in the rat uterus: regulation by estradiol. *Mol Cell Endocrinol*, 1995, 108, 149-154
121. Charnock-Jones DS, Sharkey AM, Rajput-Williams J, Burch D, Schofield JP, Fountain SA, Boocock CA, Smith SK. Identification and localization of alternately spliced mRNAs for vascular endothelial growth factor in human uterus and estrogen regulation in endometrial carcinoma cell lines. *Biol Reprod*, 1993, 48, 1120-1128
122. Chaves MC, Ribeiro RA, Rao VS. Possible involvement of nitric oxide in estrogen-induced uterine edema in the immature rat. *Braz J Med Biol Res*, 1993, 26, 853-857
123. Chegini N, Zhao Y, Williams RS, Flanders KC. Human uterine tissue throughout the menstrual cycle expresses transforming growth factor-beta 1 (TGF beta 1), TGF beta 2, TGF beta 3, and TGF beta type II receptor messenger ribonucleic acid and protein and contains [125I]TGF beta 1-binding sites. *Endocrinology*, 1994, 135, 439-449
124. Cheng SV, Pollard JW. c-rasH and ornithine decarboxylase are induced by oestradiol-17 beta in the mouse uterine luminal epithelium independently of the proliferative status of the cell. *FEBS Lett*, 1986, 196, 309-314
125. Chiappetta C, Kirkland JL, Loose-Mitchell DS, Murthy L, Stancel GM. Estrogen regulates expression of the jun family of protooncogenes in the uterus. *J Steroid Biochem Mol Biol*, 1992, 41, 113-123
126. Cicatiello L, Ambrosino C, Coletta B, Scalona M, Sica V, Bresciani F, Weisz A. Transcriptional activation of jun and actin genes by estrogen during mitogenic stimulation of rat uterine cells. *J Steroid Biochem Mol Biol*, 1992, 41, 523-528
127. Cidadao AJ, Thorsteinsdottir S, David Ferreira JF. Immunocytochemical study of tissue distribution and hormonal control of chondroitin-, dermatan- and keratan sulfates from rodent uterus. *Eur J Cell Biol*, 1990, 52, 105-116
128. Cicatiello L, Sica V, Bresciani F, Weisz A. Identification of a specific pattern of "immediate-early" gene activation induced by estrogen during mitogenic stimulation of rat uterine cells. *Receptor*, 1993, 3, 17-30
129. Clark DA, Banwatt D, Chaouat G. Stress-triggered abortion in mice prevented by alloimmunization. *Am J Reprod Immunol*, 1993, 29, 141-147
130. Clements J, Mukhtar A, Ehrlich A, Yap B. Glandular kallikrein gene expression in the human uterus. *Braz J Med Biol Res*, 1994, 27, 1855-1863
131. Clerc Hofmann F, Vallette G, Secco Millet C, Christeff N, Benassayag C, Nunez EA. Inhibition of the uterine binding of estrogens by unsaturated fatty acids in immature female rats. *CR Seances Acad Sci*, 1983, 296, 53-58
132. Clifford A, Morgan D, Yuspa SH, Soler AP, Gilmour S. Role of ornitine decarboxylase in epidermal tumorigenesis. *Cancer Res*, 1995, 55, 1680-1686
133. Clough RW, Aravich PF, Phelps CJ. Prolactin response to anesthetic stress and beta-endorphin is altered in female rats treated neonatally with monosodium glutamate. *Neuropeptides*, 1992, 22, 129-135
134. Cocchiara R, Albegiani G, Di-Trapani G, Azzolina A, Lampiasi N, Rizzo F, Diotallevi L, Gianaroli L, Geraci D. Oestradiol enhances in vitro the histamine release induced by embryonic histamine-releasing factor (EHRF) from uterine mast cells. *Hum Reprod*, 1992, 7, 1036-1041
135. Cohen H, Pageaux JF, Melinand C, Fayard JM, Laugier C. Normal rat uterine stromal cells in continuous culture: characterization and progestin regulation of growth. *Eur J Cell Biol*, 1993, 61, 116-125
136. Conti CJ, Gimenez-Conti IB, Zerbe GO, Gershenson LE. Differential effects of estradiol-17 β and progesterone on the proliferation of glandular and luminal cells of rabbit uterine epithelium. *Biol Reprod*, 1981, 24, 643-648
137. Cornillie FJ, Lauwerys JM. Phagocytic and iron-storing capacities of stromal cells in the rat endometrium: A histochemical and ultrastructural study. *Cell and Tissue Res*, 1985, 239, 467-476
138. Crombie DL, Mukherjee R, McDonnell DP, Hayes JS, Wang MW. Creatine kinase activity as an indicator of unopposed estrogen action in the mouse uterus associated with anti-progesterone treatment. *J Steroid Biochem Mol Biol*, 1994, 49, 123-129
139. Csaba G, Incze-Gonda A. Anabolic steroid (nandrolone) treatment during adolescence decreases the number of glucocorticoid and estrogen receptors in adult female rats. *Horm Metab Res*, 1993, 25, 353-355
140. Cullinan-Bove K, Koos RD. Vascular endothelial growth factor / vascular permeability factor expression in the rat uterus: rapid stimulation by estrogen correlates with estrogen-induced increases in uterine capillary permeability and growth. *Endocrinology*, 1993, 133, 829-837
141. Daly DS, Maslair IA, Riddick DH. Prolactin production during in vitro decidualization of proliferative endometrium. *Am J Obstet Gynecol*, 1983, 145, 672 - 676
142. Danforth DN Jr, Tamarkin L, Do R, Lippman ME. Melatonin-induced increase in cytoplasmic estrogen receptor activity in hamster uteri. *Endocrinology*, 1983, 113, 81-85

143. Daniel JC Jr, Juneja SC, Taylor SP, Lonergan PB, Sullivan PK, Chilton BS. Variability in the response of the rabbit uterus to progesterone as influenced by prolactin. *J Reprod Fertil*, 1988, 84, 13-21
144. Das SK, Flanders KC, Andrews GK, Dey SK. Expression of transforming growth factor-beta isoforms (beta 2 and beta 3) in the mouse uterus: analysis of the periimplantation period and effects of ovarian steroids. *Endocrinology*, 1992, 130, 3459-3466
145. Das SK, Tsukamura H, Paria BC, Andrews GK, Dey SK. Differential expression of epidermal growth factor receptor (EGF-R) gene and regulation of EGF-R bioactivity by progesterone and estrogen in the adult mouse uterus. *Endocrinology*, 1994, 134, 971-981
146. Das SK, Wang XN, Paria BC, DammD, Abraham JA, Klagsbrun M, Andrews GK, Dey SK. Heparin-binding EGF-like growth factor gene is induced in the mouse uterus temporally by the blastocyst solely at the site of its apposition: a possible ligand for interaction with blastocyst EGF-receptor in implantation. *Development*, 1994, 120, 1071-1083
147. Dauford DN, Sgagias MK. Interleukin-1 alpha blocks estradiol stimulated growth and down-regulates the estrogen receptor in MCF-7 breast cancer cells in vitro. *Cancer Res*, 1991, 51, 1488 - 1493
148. De M, Sanford TR, Wood GW. Interleukin-1, interleukin-6, and tumor necrosis factor alpha are produced in the mouse uterus during the estrous cycle and are induced by estrogen and progesterone. *Dev Biol*, 1992, 151, 297-305
149. Degani H, Shaer A, Victor TA, Kaye AM. Estrogen-induced changes in high-energy phosphate metabolism in rat uterus: 31P NMR studies. *Biochemistry*, 1984, 23, 2572-2577
150. Delorme AC, Danan JL, Acker MG, Ripoche MA, Mathieu H. In rat uterus 17 beta-estradiol stimulates a calcium-binding protein similar to the duodenal vitamin D-dependent calcium-binding protein. *Endocrinology*, 1983, 113, 1340-1347
151. Demarest KT, Moore KE, Riegle GD. (1) Acute restraint stress decreases dopamine synthesis or turnover in the median eminence: a model for the study of the inhibitory neuronal influences on tuberoinfundibular dopaminergic neurons. *Neuroendocrinology*, 1985, 41, 437-444
152. Demarest KT, Moore KE, Riegle GD. (2) Acute restraint stress decreases tuberoinfundibular dopaminergic neuronal activity: evidence for a differential response in male versus female rats. *Neuroendocrinology*, 1985, 41, 504-510
153. Demyttenaere K, Nijs P, Evers-Kiebooms G, Koninckx PR. Personally characteristics, psychoendocrinological stress and outcome of IFV depend upon the etiology of infertility. *Gynecol Endocrinol*, 1994, 8, 233-240
154. Devi LG, Ahmad MB, Shivaji S. Secretory proteins of the hamster cervix, uterus and oviduct: the effects of estradiol, progesterone and testosterone on the proteins secreted into the medium. *J Steroid Biochem Mol Biol*, 1994, 51, 107-114
155. Di-Augustine RP, Petrusz P, Bell GI, Brown CF, Korach KS, McLachlan JA, Teng CT. Influence of estrogens on mouse uterine epidermal growth factor precursor protein and messenger ribonucleic acid. *Endocrinology*, 1988, 122, 2355-2363
156. Di Carlo F, Gallo E, Conti G, Racca S. Changes in the binding of oestradiol to uterine oestrogen receptors induced by some progesterone and 19-nor-testosterone derivatives. *J Endocrinol*, 1983, 98, 385-389
157. Di Carlo R, Bertacco S, D'Abramo P, Che C, Scordamag A, Muccioli G. Hormonal and pharmacological modulation of prolactin receptors in the rat hypothalamus. *Pharmacol Res*, 1990, 22, Suppl, 164
158. Douglas JG. Estrogen effects on angiotensin receptors are modulated by pituitary in female rats. *Am J Physiol*, 1987, 252, E57-E62
159. Drudy L, Sheppard BL, Bonnar J. The ultrastructure of mast cells in the uterus throughout the normal menstrual cycle and the postmenopause. *J Anat*, 1991, 175, 51-63
160. Dusza L. Effect of prolactin on ovarian steroidogenesis / Proc Satellite Symp Endocrinol Reprod Process Female, Olsztyn, June 23-26, 1987. *Acta Physiol Pol*, 1989, 40, 74-85
161. Dynarowicz I, Watkowski T. Influence of estradiol-17 beta and progesterone on catechol-O-methyltransferase and monoamine oxidase activities in uterine artery and myometrium of ovariectomized pigs. *Arch Vet Pol*, 1993, 33, 29-37
162. Dynarowicz I, Paprocki M. The activity of catechol-O-methyltransferase and monoamine oxidase in the uterine artery of pigs during the oestrous cycle. *Arch Vet Pol*, 1993, 33, 39-45
163. Ealy AD, Drost M, Hansen PJ. Developmental changes in embryonic resistance to adverse effects of maternal heat stress in cows. *J Dairy Sci*, 1993, 76, 2899-2905
164. EndoS, Kodama S, Newbold R, McLachlan J, Barrett JC. Cytogenetic analysis of murine cell lines from diethylstilbestrol-induced uterine endometrial adenocarcinomas. *Cancer Genet Cytogenet*, 1994, 74, 99-103
165. Episteme S. Stress and breast cancer. *Cancer J*, 1992, 5, 129
166. Erulkar SD, Rendt J, Nori RD, Ger B. The influence of 17 beta-oestradiol on K⁺ currents in smooth muscle cells isolated from immature rat uterus. *Proc R Soc Lond B Biol Sci*, 1994, 256, 59-65
167. Escalante R, Houdebine LM, Pamblanco M. Transferrin gene expression in the mammary gland of the rat. The enhancing effect of 17 beta-oestradiol on the level of RNA is tissue-specific. *J Mol Endocrinol*, 1993, 11, 151-159
168. Estan L, Martinez-Mir I, Rubio E, Morales-Olivas FJ. Relaxant effect of dopamine in the isolated rat uterus. *Naunyn-Schmiedebergs Arch Pharmacol*, 1988, 338, 484-488
169. Estan L, Berenguer A, Martinez-Mir I, Rubio E, Morales-Olivas FJ. Response to dopamine agonists of the rat isolated uterus. *Gen Pharmacol* 1993, 24, 397-401

170. Evans GS, Gibson DFC, Roberts SA, Hind TM, Potten CS. Proliferative changes in the genital tissue of female mice during the oestrus cycle. *Cell and Tissue Kinet*, 1990, 23, 619-635
171. Fanidi A, Ahnadi C, Fayard JM, Pageaux JF, Laugier C. Opposite regulation of cAMP concentration in the quail oviduct and the mouse uterus by tamoxifen. Correlation with estrogen-antagonist and estrogen-agonist activity. *J Steroid Biochem Mol Biol*, 1992, 41, 571-577
172. Farley DB, Ford SP, Rosazza JP. Increase in uterine peroxidase activity in the rat uterus during oestrogen hyperaemia. *J Reprod Fertil*, 1992, 95, 551-558
173. Ferenczy A. Ultrastructure of the normal menstrual cycle: A review. *Microsc Res and Techn*, 1993, 25, 91-105
174. Fernandez AI, Martinez V, Cantabrana B, Hidalgo A. Differential effect of calcium and Bay K 8644 on the inhibitory action of estrogens in the rat uterus. *Gen Pharmacol*, 1992, 23, 549-554
175. Fernandez A, Cantabrana B, Hidalgo A. Estrogen and antiestrogen non-genomic effect in rat uterus contraction in calcium-free solution. *Gen Pharmacol*, 1993, 24, 391-395
176. Ferrero M, Cairo G. Estrogen-regulated expression of a growth arrest specific gene (gas-1) in rat uterus. *Cell Biol Int*, 1993, 17, 857-862
177. Finlay TH, Katz J, Kirsch L, Levitz M, Nathoo SA, Seiler S. Estrogen-stimulated uptake of plasminogen by the mouse uterus. *Endocrinology*, 1983, 112, 856-861
178. Finn CA, Pope M, Milligan SR. Control of uterine stromal mitosis in relation to uterine sensitivity and decidualization in mice. *J Reprod Fertil*, 1995, 103, 153-158
179. Forasta C, Indino M, Scandellari C. Role of gonadal steroids in the serotonergic control of prolactin secretion in men. *Clin Endocrinol*, 1987, 26, 601-607
180. Forman LJ, Estilow S. Estrogen influences the effect of immobilization stress on immunoreactive \square -endorphin levels in the female rat pituitary. *Proc Soc Exp Biol and Med*, 1988, 187, 190-196
181. Franchi AM, Gimeno MF, Gimeno AL. Estradiol -17-beta enhances the formation of [3H] PGF2 alpha from [3H] PGE2 in the uterus isolated from ovariectomized rats. *Prostaglandins*, 1985, 29, 773-783
182. Franchi AM, Faletti A, Gimeno MF, Gimeno AL. Influence of sex hormones on prostaglandin dehydrogenase activity in the rat uterus. *Prostaglandins*, 1985, 29, 953-960
183. Franceschi S, Levi F, La Vecchia C, Lucchini F, Negri E. Comparison of cancer mortality trends in major European areas, 1960-89. *Eur J Cancer Prev*, 1994, 3, 145-206
184. Freeman EW, Rickels K, Sondheimer SJ. Premenstrual symptoms and dysmenorrhea in relation to emotional distress factors in adolescents. *J Psychosom Obstet Gynaecol*, 1993, 14, 41-50
185. Frieden EH, Adams WC. Stimulation of rat uterine collagen synthesis by relaxin. *Proc Soc Exp Biol Med*, 1985, 180, 39-43
186. Fritsch M, Welch RD, Murdoch FE, Anderson I, Gorski J. DNA allosterically modulates the steroid binding domain of the estrogen receptor. *J Biol Chem*, 1992, 267, 1823-1828
187. Fritsch M, Leary CM, Furlow JD, Ahrens H, Schuh TJ, Mueller GC, Gorski J. A ligand-induced conformational change in the estrogen receptor is localized in the steroid binding domain// *Biochemistry*, 1992, 31, 5303-5311
188. Fuchs AR, Periyasamy S, Soloff MS. Systemic and local regulation of oxytocin receptors in the rat uterus, and their functional significance. *Can J Biochem Cell Biol*, 1983, 61, 615-624
189. Fujimoto J, Hori M, Ichigo S, Nishigaki M, Tamaya T. Tissue differences in the expression of mRNAs of Ha-ras, c-myc, fos and jun in human uterine endometrium, myometrium and leiomyoma under the influence of estrogen/progesterone. *Tumour Biol*, 1994, 15, 311-317
190. Fujimoto J, Nishigaki M, Hori M, Ichigo S, Itoch T, Tamaya T. Biological implications of estrogen and androgen effects on androgen receptor and its mRNA levels in human uterine endometrium. *Gynecol Endocrinol*, 1995, 9, 149-155
191. Fukai F, Murayama A. Association and dissociation of estrogen receptor with estrogen receptor-binding factors is regulated by Mg²⁺. *J Biochem (Tokyo)*, 1984, 95, 1227-1230
192. Gala RR. The physiology and mechanisms of the stress-induced changes in the prolactin secretion in the rat. *Life Sci*, 1990, 46, N 20, 1407-1420
193. Galand P, Tchernitchin N, Tchernitchin AN. Time-course of the effects of nafoxidine and oestradiol on separate groups of responses in the uterus of the immature rat. *J Steroid Biochem*, 1984, 21, 43-47
194. Galand P, Tchernitchin N, Tchernitchin AN. Dissociation of uterine eosinophilia and water imbibition from other estrogen-induced responses by nafoxidine retreatment. *Mol Cell Endocrinol*, 1985, 42, 227-233
195. Galand P, de-Maertelaer V. Models of oestrogen action: a cell kineticist's view. *Epithelial Cell Biol*, 1992, 1, 177-188
196. Galzigna L, Lalli A, Plebani M. Stress e terapia termale. *Med Geriatr*, 1992, 24, 339 - 342
197. Gammon MD, John EM. Recent etiologic hypotheses concerning breast cancer. *Epidemiol Rev*, 1993, 15, 163-168
198. Gandar R, Collin D. Amenorrhées hypothalamiques fonctionnelles. II. Clinique. *J Gynecol Obstet Biol Reprod Paris*, 1993, 22, 133-140
199. Garai J, Vertes M, Kovacs S. In vitro effects of cytosolic inhibitor and opiates on the binding of 3H oestradiol to nuclear type II binding sites of rat uterus and hypothalamus. *J Steroid Biochem*, 1989, 32, 433-438
200. Gardner RM, Verner G, Kirkland JL, Stancel GM. Regulation of uterine epidermal growth factor (EGF) receptors by estrogen in the mature rat and during the estrous cycle. *J Steroid Biochem*, 1989, 32, 339-443

- 201.Gardner RM, Kirkland JL, Ireland JS, Stancel GM. Regulation of uterine response to estrogen by thyroid hormone. *Endocrinology*, 1978, 103, 1164-1172
- 202.Gaudette LA, Gao RN, Freitag S, Wideman M. Cancer incidence by ethnic group in the Northwest Territories (NWT) 1969-1988. *Health Rep*, 1993, 5, 23-32
- 203.Geddes M, Balzi D, Tomatis L. Progress in the fight against cancer in EC countries: changes in mortality rates, 1970-90. *Eur J Cancer Prev*, 1994, 3, 31-44
- 204.Gellersen B, Bonhoff A, Hunt N, Bohnet HG. Decidual type prolactin expression by the human myometrium. *Endocrinology*, 1991, 129, 158- 168
- 205.Gellersen B, Kempf R, Telgmann R, DiMatta GE. Nonpituitary human prolactin gene transcription is independent of Pit-1 and differentially controlled in lymphocytes and in endometrial stroma. *Mol Endocrinol*, 1994, 8, 356-373
- 206.Ghahary A, Luo J, Murphy LJ. Expression and regulation of insulin-like growth factor binding protein-1 in the rat uterus throughout estrous cycle. *Mol Cell Biochem*, 1993, 124, 43-49
- 207.Gibbson AFE, Chang MC. Number of mast cells in the rat uterus with special reference to its relation to hormonal treatment. *Biol Reprod*, 1972, 6, 193-203
- 208.Girdler SS, Pedersen CA, Stern RA, Light KC. Menstrual cycle and premenstrual syndrome: modifiers of cardiovascular reactivity in women. *Health Psychol*, 1993, 12, 180-192
- 209.Girvigan MR, Nakatani A, Ling N, Shimasaki S, Erickson GF. Insulin-like growth factor binding proteins show distinct patterns of expression in the rat uterus. *Biol Reprod*, 1994, 51, 296-302
- 210.Gitay-Goren H, Kraiem Z, Lindenbaum ES. Effect of prolactin on the morphology of cultured granulosa cells. *Cytobiosis*, 1988, 56, 89-99
- 211.Gitay-Goren H, Lindenbaum ES, Kraiem Z. Prolactin inhibits hCG-stimulated steroidogenesis and cAMP accumulation, possibly by increasing phosphodiesterase activity, in rat granulosa cell cultures. *Mol and Cell Endocrinol*, 1989, 61, 69-76
- 212.Glasser SR, Mulholland J. Receptivity is a polarity dependent special function of hormonally regulated uterine epithelial cells. *Microsc Res Tech*, 1993, 25, 106-120
- 213.Glockner R, Schwarz S, Jahne F. Enhanced effect of chronic stress on pregnancy outcome in Uje:WIST rats by prenatal treatment with lithium. *Exp Toxicol Pathol*, 1993, 45, 35-37
- 214.Gonzalez-Diddi M, Komisaruk B, Beyer C. Differential effects of testosterone and dihydrotestosterone on the diverse uterine tissue of the ovariectomized rat. *Endocrinology*, 1972, 91, 1129-1132
- 215.Gonzalez F, Lakshmanan J, Hoath S, Fisher DA. Effect of oestradiol-17 beta on uterine epidermal growth factor concentration in immature mice. *Acta Endocrinol (Copenh)*, 1984, 105, 425-428
- 216.Goranova V. Ultrastructure of the endometrium at different stages of the estrous cycle. *Anat Anz*, 1989, 164, 537-538
- 217.Goyal RK, Dave KC, Verma SC. The inhibitory effect of clonidine on the oestrogen-primed rat isolated uterus. *J Auton Pharmacol*, 1983, 3, 213-217
- 218.Gray K, Eitzman B, Raszmann K, Steed T, Geboff A, McLachlan J, Bidwell M. Coordinate regulation by diethylstilbestrol of the platelet-derived growth factor-A (PDGF-A) and -B chains and the PDGF receptor alpha- and beta-subunits in the mouse uterus and vagina: potential mediators of estrogen action. *Endocrinology*, 1995, 136, 2325-2340
- 219.Green S, Kumar V, Krust A, Champon P. The oestrogen receptor: structure and function. *Recent Adv Steroid Horm Act*, Berlin, New York, 1987, 161-183
- 220.Greiss FC, Rose JC, Kute TE. Temporal and receptor correlates of the estrogen response in sheep. *Am J Obstet Gynecol*, 1986, 154, 831-838
- 221.Grove RI, Korach KS. Estrogen stimulation of phosphatidylinositol metabolism in mouse uterine tissue. *Endocrinology*, 1987, 121, 1083-1088
- 222.Grummer R, Chwalisz K, Mulholland J, Traub O, Winterhager E. Regulation of connexin-26 and connexin-43 expression in rat endometrium by ovarian steroid hormones. *Biol Reprod*, 1994, 51, 1109-1116
- 223.Gunin A, Ivanov A, Sharov A. The role of mast cells in realization of estrogen effects in the rat uterus / Abstr XV International Congress of Allergy and Clinical Immunology, Annual Meeting of the European Academy of Allergology and Clinical Immunology, June 26-July 1, Stockholm, Sweden// Seattle,Toronto, Bern, Gottnegen: Hogrefe & Huber Publishers, 1994, 240
- 224.Guo JZ, Gorski J. Estrogen effects on modifications of chromatin proteins in the rat uterus. *J Steroid Biochem*, 1989, 32, 13-20
- 225.Guo JZ, Gorski J. Differential stimulation of histone and high mobility group chromatin protein synthesis in the rat uterus by estrogen. *Mol Endocrinol*, 1988-2, 2, 686-692
- 226.Guo JZ, Gorski J. Estrogen effects on histone messenger ribonucleic acid levels in the rat uterus. *Mol Endocrinol*, 1988 -1, 2, 693-700
- 227.Gutierrez M, Martinez V, Cantabrana B, Hidalgo A. Genomic and non-genomic effects of steroidal drugs on smooth muscle contraction in vitro. *Life Sci*, 1994, 55, 437-443
- 228.Haji M, Roth GS. Impaired estrogen stimulation of RNA polymerase II activity in uterine nuclei of senescent rats. *Mech Ageing Dev*, 1984, 25, 141-148
- 229.Hall JA, Cantley TC, Galvin JM, Day BN, Anthony RV. Influence of ovarian steroids on relaxin-induced uterine growth in ovariectomized gilts. *Endocrinology*, 1992, 130, 3159-3166

- 230.Hampton AL, Butt AR, Riley SC, Salamonsen LA. Tissue inhibitors of metalloproteinases in endometrium of ovariectomized steroid-treated ewes and during the estrous cycle and early pregnancy. *Biol Reprod*, 1995, 53, 302-311
- 231.Hana V, Murphy LJ. Interdependence of epidermal growth factor and insulin-like growth factor-I expression in the mouse uterus. *Endocrinology*, 1994, 135, 107-112
- 232.Hanazono M, Yoshiki A, Ota K, Kitoh J, Kusakabe M. Immunohistochemical detection of DNA replication in mouse uterine cells by bromodeoxyuridine labeling of wax- and resin-embedded tissue sections. *Stain Technol*, 1990, 65, 139-149
- 233.Haras D, Samperez S, Jouan P. Positive and negative effects of estradiol-17 beta in the rat uterus. *J Steroid Biochem*, 1989, 33, 1073-1080
- 234.Hasty LA, Lytle CR. Progesterone and RU486 regulation of uterine complement C3 after prior induction with estradiol. *Biol Reprod*, 1992, 47, 285-290
- 235.Hasty LA, Lambris JD, Lessey BA, Prusananonda K, Lytle CR. Hormonal regulation of complement components and receptors throughout the menstrual cycle. *Am J Obstet Gynecol*, 1994, 170, 168-175
- 236.Hedegaard M, Henriksen TB, Sabroe S, Secher NJ. Psychological distress in pregnancy and preterm delivery. *BMJ*, 1993, 307, 234-239
- 237.Heffner LJ, Bromley BS, Copeland KC. Secretion of prolactin and insulin-like growth factor I by decidual explant cultures from pregnancies complicated by intrauterine growth retardation. *Am J Obstet Gynecol*, 1992, 167, 1431-1436
- 238.Henrikson KP, Jazin EE, Greenwood JA, Dickerman HW. Prothrombin levels are increased in the estrogen-treated immature rat uterus. *Endocrinology*, 1990, 126, 167-175
- 239.Henrikson KP. Thrombin as a hormonally regulated growth factor in estrogen-responsive tissue. *Semin Thromb Hemost*, 1992, 18, 53-59
- 240.Henrikson KP, Greenwood JA, Pentecost BT, Jazin EE, Dickerman HW. Estrogen control of uterine tissue factor messenger ribonucleic acid levels. *Endocrinology*, 1992, 130, 2669-2674
- 241.Henrikson KP, Hall ES, Lin Y. Cellular localization of tissue factor and prothrombin in the estrogen-treated immature rat uterus. *Biol Reprod*, 1994, 50, 1145-1150
- 242.Herman JP, Adams D, Prewitt C. Regulatory changes in neuroendocrine stress-integrative circuitry produced by a variable stress paradigm. *Neuroendocrinology*, 1995, 61, 180-190
- 243.Hernandez DE, Alvarez OA. Effect of administration of dopaminergic agonists on the uterine responsiveness to oestrogen in mature rats. *J Endocrinol*, 1980, 86, 383-386
- 244.Hervonen A, Kenerva L, Leitzen R. Histochemically demonstrable catecholamines and cholinesterase of the rat uterus during estrous cycle, pregnancy and after estrogen treatment. *Acta Physiol Scand*, 1973, 87, 283-288
- 245.Higuchi T, Honda K, Takano S, Negoro H. Estrogens fails to reduce tuberoinfundibular dopaminergic neuronal activity and to cause a prolactin surge in lactating ovariectomized rats. *Brain Res*, 1992, 576, 143-146
- 246.Hilakivi-Clarke L, Wright A, Lippman ME. DMBA-induced mammary tumor growth in rats exhibiting increased or decreased ability to cope with stress due to early postnatal handling or antidepressant treatment. *Physiol Behav*, 1993, 54, 229-236
- 247.Hild-Petito S, Verhage HG, Fazolebas AT. Characterization, localization, and regulation of receptors for insulin-like growth factor I in the baboon uterus during the cycle and pregnancy. *Biol Reprod*, 1994, 50, 791-801
- 248.Hixon JE, Flint AP. Effects of a luteolytic dose of oestradiol benzoate on uterine oxytocin receptor concentrations, phosphoinositide turnover and prostaglandin F-2 alpha secretion in sheep. *J Reprod Fertil*, 1987, 79, 457-467
- 249.Holcomb M, Safe S. Inhibition of 7,12-dimethylbenzanthracene-induced rat mammary tumor growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin. *Cancer Lett*, 1994, 82, 43-47
- 250.Holley J, Bender DA, Coulson WF, Symes EK. Effects of vitamin B6 nutritional status on the uptake of [3H]-oestradiol into the uterus, liver and hypothalamus of the rat. *J Steroid Biochem*, 1983, 18, 161-165
- 251.Horigome T, Ogata F, Golding TS, Korach KS. Estradiol-stimulated proteolytic cleavage of estrogen receptor in mouse uterus. *Endocrinology*, 1988, 123, 2540-2548
- 252.L'Horset F, Blin C, Brehier A, Thomasset M, Perret C. Estrogen-induced calbindin-D 9k gene expression in the rat uterus during the estrous cycle: late antagonistic effect of progesterone. *Endocrinology*, 1993, 132, 489-495
- 253.L'Horset F, Blin C, Colnot S, Lambert M, Thomasset M, Perret C. Calbindin-D9k gene expression in the uterus: study of the two messenger ribonucleic acid species and analysis of an imperfect estrogen-responsive element. *Endocrinology*, 1994, 134, 11-18
- 254.Hosie MJ, Murphy CR. A scanning and light microscope study comparing the effects of clomiphene citrate, estradiol 17-beta and progesterone on the structure of uterine luminal epithelial cells. *Eur J Morphol*, 1995, 33, 39-50
- 255.Hsu CY, Frankel FR. Effect of estrogen on the expression of mRNAs of different actin isoforms in immature rat uterus. Cloning of alpha-smooth muscle actin message. *J Biol Chem*, 1987, 262, 9594-9600
- 256.Huang J, Roby KF, Pace JL, Russell SW, Hunt JS. Cellular localization and hormonal regulation of inducible nitric oxide synthase in cycling mouse uterus. *J Leukoc Biol*, 1995, 57, 27-35
- 257.Huet-Hudson YM, Andrews GK, Dey SK. Cell type-specific localization of c-myc protein in the mouse uterus: modulation by steroid hormones and analysis of the periimplantation period. *Endocrinology*, 1989, 125, 1683-1690

- 258.Huet-Hudson YM, Chakraborty C, De SK, Suzuki Y, Andrews GK, Dey SK. Estrogen regulates the synthesis of epidermal growth factor in mouse uterine epithelial cells. *Mol Endocrinol*, 1990, 4, 510-523
- 259.Hung TT, Gibbons WE. Evaluation of androgen antagonism of estrogen effect by dihydrotestosterone. *J Steroid Biochem*, 1983, 19, 1513-1520
- 260.Huynh HT, Pollak M. Insulin-like growth factor I gene expression in the uterus is stimulated by tamoxifen and inhibited by the pure antiestrogen ICI 182780. *Cancer Res* 1993, 53, 5585-5588
- 261.Huynh H, Pollak M. Uterotrophic actions of estradiol and tamoxifen are associated with inhibition of uterine insulin-like growth factor binding protein 3 gene expression. *Cancer Res*, 1994, 54, 3115-3119
- 262.Hyder SM, Stancel GM. In vitro interaction of uterine estrogen receptor with the estrogen response element present in the 3'-flanking region of the murine c-fos protooncogene. *J Steroid Biochem Mol Biol*, 1994, 48, 69-79
- 263.Ichida S, Oda Y, Tokunaga H, Hayashi T, Murakami T, Kita T. Mechanisms of specific change by estradiol in sensitivity of rat uterus to serotonin. *J Pharmacol Exp Ther*, 1984, 229, 244-249
- 264.Ichida S, Hayashi T, Kita T, Murakami T. Estradiol-induced increase of specific [³H]ketanserin binding sites on rat uterine membranes. *Eur J Pharmacol*, 1985, 108, 257-264
- 265.Ignar-Trowbridge DM, Nelson KG, Bidwell MC, Curtis SW, Washburn TF, McLachlan JA, Korach KS. Coupling of dual signaling pathways: epidermal growth factor action involves the estrogen receptor. *Proc Natl Acad Sci USA*, 1992, 89, 4658-4662
- 266.Ignar-Trowbridge DM, Teng CT, Ross KA, Parker MG, Korach KS, McLachlan JA. Peptide growth factors elicit estrogen receptor-dependent transcriptional activation of an estrogen-responsive element. *Mol Endocrinol*, 1993, 7, 992-998
- 267.Ikeda M, Kusaka T. Characterization of the DNA-binding state of the rat uterine estrogen receptor by UV cross-linking. *Biochem Mol Biol Int*, 1994, 33, 447-456
- 268.Imai T, Kurachi H, Adachi K, Adachi H, Yoshimoto Y, Homma H, Tadokoro C, Takeda S, Yamaguchi M, Sakata M, Sakoyama Y, Miyake A. Changes in epidermal growth factor receptor and the levels of its ligands during menstrual cycle in human endometrium. *Biol Reprod*, 1995, 52, 928-938
- 269.Ishibe Y. Studies on phosphorylation of estrogen receptor from porcine uterus. *Hokkaido Igaku Zasshi*, 1993, 68, 728-735
- 270.Iwai T, Fujii S, Nanbu Y, Nonogaki H, Konishi I, Mori T, Okamura H. Effect of human chorionic gonadotropin on the expression of progesterone receptors and estrogen receptors in rabbit ovarian granulosa cells and the uterus. *Endocrinology*, 1991, 129, 1840-1848
- 271.Janik J, Callahan Ph, Rabii J. The role of the mu1 opioid receptor subtype in the regulation of prolactin and growth hormone secretion by beta-endorphin in female rats: studies with naloxonazine. *J Neuroendocrinol*, 1992, 4, 701-708
- 272.Janssens JP, Billiet G, Bonte J, De Loecker W. Effects of daily anti-estrogen treatment on uterine growth and progesterone receptor concentrations in adult rat uterus. *AntiCancer Res*, 1984, 4, 157-162
- 273.Jenkins P J, Ibanez-Santos X, Holly J, Cotterill A, Perry L, Wolman R, Harries M, Labate M E, Whelly S M, Barker K L. Ribosome-associated estradiol-binding components in the uterus and their relationship to the translational capacity of uterine ribosomes. *Endocrinology*, 1986, 119, 140-151
- 274.Jacobs AL, Sehgal PB, Julian J, Carson DD. Secretion and hormonal regulation of interleukin-6 production by mouse uterine stromal and polarized epithelial cells cultured in vitro. *Endocrinology*, 1992, 131, 1037-1046
- 275.Jacobs AL, Carson DD. Uterine epithelial cell secretion of interleukin-1 alpha induces prostaglandin E2 (PGE2) and PGF2 alpha secretion by uterine stromal cells in vitro. *Endocrinology*, 1993, 132, 300-308
- 276.Jansen HT, Cooke PS, Porcelli J, Liu TC, Hansen LG. Estrogenic and antiestrogenic actions of PCBs in the female rat: in vitro and in vivo studies. *Reprod Toxicol*, 1993, 7, 237-248
- 277.Jazin EE, Dickerman HW, Henrikson KP. Estrogen regulation of a tissue factor-like procoagulant in the immature rat uterus. *Endocrinology*, 1990, 126, 176-185
- 278.Jellinck PH, Newcombe AM, Lytle CR. Antiandrogenic property of RU 486: enhancement of estrogen-induced uterine peroxidase activity in the rat. *J Steroid Biochem Mol Biol*, 1993, 45, 303-307
- 279.Jenkins PJ, Ibanez-Santos X, Holly J, Cotterill A, Perry L, Wolman R, Harries M, Grossman A. IGFBP-1: a metabolic signal associated with exercise-induced amenorrhoea. *Neuroendocrinology*, 1993, 57, 600-604
- 280.Jeziorska M, Salamonsen LA, Woolley DE. Mast cell and eosinophil distribution and activation in human endometrium through the menstrual cycle. *Biol Reprod*, 1995, 53, 312-320
- 281.Jing Y, He Z. Èçìáiáiéý ñíäåðæàíéý óó÷íúð êéåòíê á òå÷åíéå ýñòðåëüíâí öèéëá ó íúøåé. *Acta Anat Sin*, 1990, 21, 312-314
- 282.Jo T, Terada N, Saji F, Tanizawa O. Inhibitory effects of estrogen, progesterone, androgen and glucocorticoid on death of neonatal mouse uterine epithelial cells induced to proliferate by estrogen. *J Steroid Biochem Mol Biol*, 1993, 46, 25-32
- 283.Johansson G, Laasko M-L, Peder M, Karonen S-L. Initially high plasma prolactin levels are depressed by prolonged psychological stress in males. *Int J Psychophysiol*, 1990, 9, 195-199
- 284.Johannesson E, Parker R, Landgren B-M, Diezfalussy E. Morphometric analysis of the human endometrium in relation to peripheral hormone levels. *Fertil Steril*, 1982, 38, 564 - 571
- 285.Johannesson E, Landgren B-M, Rohr HP, Diezfalussy E. Endometrial morphology and peripheral hormone levels in women with regular menstrual cycle. *Fertil Steril*, 1987, 48, 401 - 408

- 286.Johnston JM, Morgans M, Johnston DG, Wood DF. Regulation of dopamine D2-receptor gene expression in cultured rat pituitary cells by 17 β -estradiol and bromocriptine / Abstr 183rd Meet Soc Endocrinol Jtly Endocrine Sec Roy Soc Med, London, 25-27 Nov, 1992. *J Endocrinol*, 1992, 135 Suppl, 48
- 287.Jouanen A, Saintot M, Thaler Dao H, Crastes-de Paulet A. Prostaglandin synthesis from endogenous and exogenous arachidonic acid in the rat uterus. Effect of estradiol and progesterone. *Prostaglandins, Leukot Med*, 1985, 18, 321-336
- 288.Julian J, Carson DD, Glasser SR. Polarized rat uterine epithelium in vitro: responses to estrogen in defined medium. *Endocrinology*, 1992-2, 130, 68-78
- 289.Julian J, Carson DD, Glasser SR. Polarized rat uterine epithelium in vitro: constitutive expression of estrogen-induced proteins. *Endocrinology*, 1992, 130, 79-87
- 290.Juorio AV, Chedrese PJ, Li XM. The influence of ovarian hormones on the rat oviductal and uterine concentration of noradrenaline and 5-hydroxytryptamine. *Neurochem Res*, 1989, 14, 821-827
- 291.Kaleczyc J. Effect of estradiol and progesterone on noradrenaline content in nerves of the oviduct, uterus and vagina in ovariectomized pigs. *Folia Histochem Cytobiol*, 1994, 32, 119-126
- 292.Kano T, Ishii K, Kurobe Y, Ando J. Adrenergic regulation of estradiol uptake and cyclic GMP content in rat uterus. *Jpn J Pharmacol*, 1983, 33, 525-529
- 293.Kant GJ, Leu JR, Anderson SM, Mougey EH. Effect of chronic stress on plasma corticosterone, ACTH and prolactin. *Physiol and Bechav*, 1987, 40, 775-779
- 294.Kapala LP, Juang HH, Weng CF. Estradiol-induced stimulation of secretion of immunoreactive β -endorphine from hypothalamic cell cultures. *Neuroendocrinology*, 1990, 52, Suppl, 81
- 295.Kaplitt MG, Kleopoulos SP, Pfaff DW, Mobbs CV. Estrogen increases HIP-70/PLC-alpha messenger ribonucleic acid in the rat uterus and hypothalamus. *Endocrinology*, 1993, 133, 99-104
- 296.Kapoor R, Goswami KC, Kapoor B, Dubey VK. Pattern of cancer in Jammu region (hospital based study 1978-'87). *Indian J Cancer*, 1993, 30, 67-71
- 297.Kapur S, Tamada H, Dey SK, Andrews GK. Expression of insulin-like growth factor-I (IGF-I) and its receptor in the peri-implantation mouse uterus, and cell-specific regulation of IGF-I gene expression by estradiol and progesterone. *Biol Reprod*, 1992, 46, 208-219
- 298.Karthikeyan N, Thampan RV. A DNA-binding (R-I) and a non-DNA-binding (R-II) estrogen receptor in the goat uterine nucleus: purification and characterization. *Arch Biochem Biophys*, 1994, 309, 205-213
- 299.Katoh A, Nabeshima T, Kameyama T. Interaction between enkephalinergic and dopaminergic systems in stressful situations. *Eur J Pharmacol*, 1991, 193, 95-99
- 300.Kauppila A, Reinila M, Martikainen H, Ronnberg L, Puistola U. Hypoprolactinemia and ovarian function. *Fertil Steril*, 1988, 49, 437-441
- 301.Kaushic C, Richardson JM, Wira CR. Regulation of polymeric immunoglobulin A receptor messenger ribonucleic acid expression in rodent uteri: effect of sex hormones. *Endocrinology*, 1995, 136, 2836-2844
- 302.Kedar RP, Bourne TH, Powles TJ, Collins WP, Ashley SE, Cosgrove DO, Campbell S. Effects of tamoxifen on uterus and ovaries of postmenopausal women in a randomised breast cancer prevention trial. *Lancet*, 1994, 343, 1318-1321
- 303.Kennedy JA, de la Lande IS, Morris RG. Effect of ovarian steroids on the metabolism of noradrenaline in rabbit uterus. *Naunyn Schmiedebergs Arch Pharmacol*, 1984, 326, 132-142
- 304.Kennedy TG, Doktorik PE. Uterine decidualization in hypophysectomized-ovariectomized rats: effects of pituitary hormones. *Biol Reprod*, 1988, 39, 318-328
- 305.Kercher MC TC, Van Orden IL, Bhatnagar RK, Burke JP. Estrogen-induced biogenic amine reduction in rat uterus. *J Pharmacol Exp Ther*, 1973, 185, 514-522
- 306.Kerr MB, Marshall K, Senior J. Modification of the rat uterine response to oestrogen and tamoxifen by thromboxane antagonists. *Br J Pharmacol*, 1991, 102, 742-746
- 307.Kirkland JL, Gardner RM, Mukku VR, Akhtar M, Stancel GM. Hormonal control of uterine growth: the effect of hypothyroidism on estrogen-stimulated cell division. *Endocrinology*, 1981, 108, 2346-2351
- 308.Kirkland JL, Barrett GN, Stancel GM. Decreased cell division of the uterine luminal epithelium of diabetic rats in response to estradiol. *Endocrinology*, 1981, 109, 316-318
- 309.Kirkland JL, Murthy L, Stancel GM. Progesterone inhibits the estrogen-induced expression of c-fos messenger ribonucleic acid in the uterus. *Endocrinology*, 1992, 130, 3223-3230
- 310.Kirkland JL, Murthy L, Stancel GM. Progesterone inhibits estrogen-induced increases in c-fos mRNA levels in the uterus. *Recent Prog Horm Res*, 1993, 48, 477-480
- 311.Kirkland J, Thomazy V, Murthy L, Stancel G. Phorbol esters inhibit estrogen-induced uterine DNA synthesis and increase apoptosis in uterine epithelium. *Recent Prog Horm Res*, 1995, 50, 455-458
- 312.Kiss R, Lenglet G, Pasteels JL, Danguy A. Hormonal regulation of uterine epithelial cell proliferation. I. Effects of estradiol or progesterone administered separately. *In Vivo*, 1987, 1, 281-289
- 313.Kiss R, deLaunoit Y, L'Hermite-Baleriaux M, L'Hermite M, Paridaens RJ. Effect of prolactin and estradiol on cell proliferation in the uterus and the MXT mouse mammary neoplasm. *J Nat Cancer Inst*, 1987, 7, 993-1001
- 314.Kjaer A, Knigge U, Vilhardt H, Warberg J. Involvement of vasopressin in histamine- and stress-induced prolactin release: permissive, mediating or potentiating role?. *Neuroendocrinology*, 1993, 57, 314-321

- 315.Klein F, Lemaire V, Sandi C, Vitiello S, Vander LJ, Laurent PE, Neveu P, LeMoal M, Mormede P. Prolonged increase of corticosterone secretion by chronic social stress does not necessarily impair immune functions. *Life Sci*, 1992, 50, 723-731
- 316.Kleis-SanFrancisco S, Hewetson A, Chilton BS. Prolactin augments progesterone-dependent uteroglobin gene expression by modulating promoter-binding proteins. *Mol Endocrinol*, 1993, 7, 214-223
- 317.Klemcke HG, Blecha F, Nienaber JA. Pituitary-adrenocortical and lymphocyte responses to bromocriptine-induced hypoprolactinemia, adrenocorticotropic hormone, and restraint in swine. *Proc Soc Exp Biol Med*, 1990, 195, 100-108
- 318.Knigge U, Matzen S, Warberg J. Histaminergic mediation of the stress-induced release of prolactin in male rats. *Neuroendocrinology*, 1988, 47, 68-74
- 319.Ko Y, Choi I, Green ML, Simmen FA, Simmen RC. Transient expression of the cytochrome P450 aromatase gene in elongating porcine blastocysts is correlated with uterine insulin-like growth factor levels during peri-implantation development. *Mol Reprod Dev*, 1994, 37, 1-11
- 320.Kogo H, Takasaki K, Yatabe Y, Nishikawa M, Takeo S, Tamura K. Inhibitory and stimulatory actions of danazol in rat ovarian and uterine tissues. *Eur J Pharmacol*, 1992, 211, 69-73
- 321.Kogo H, Johnson DC, Dey SK, Takeo S. A comparison of the effects of estradiol and 2- and 4-hydroxyestradiol on uterine ornithine decarboxylase activity in immature rats. *Jpn J Pharmacol*, 1993, 61, 65-67
- 322.Komm BS, Lytle CR. Steroidal regulation of rat uterine *in vitro* mRNA translation products. *J Steroid Biochem*, 1984, 21, 571-577
- 323.Komm BS, Rusling DJ, Lytle CR. Estrogen regulation of protein synthesis in the immature rat uterus: the analysis of proteins released into the medium during *in vitro* incubation. *Endocrinology*, 1986, 118, 2411-2416
- 324.Komm BS, Frankel FR, Myers JC, Lytle CR. Estrogen regulation of alpha 1(I)-procollagen messenger ribonucleic acid in the rat uterus. *Endocrinology*, 1987, 120, 1403-1140
- 325.Konecki J, Kaminski M, Gabrys J, Helewski K, Glowacka M. Effect of estrogens on RNA synthesis in the uterine epithelium of castrated mice. *Ginekol Pol*, 1984, 55, 13-18
- 326.Korach KS, Lamb JC. Estrogen action on the mouse uterus: differential nuclear localization of estradiol in the uterine cell types. *Endocrinology*, 1981, 108, 1989-1991
- 327.Kover K, Liang LL, Andrews GK, Dey SK. Differential expression and regulation of cytokine genes in the mouse uterus. *Endocrinology*, 1995, 136, 1666-1673
- 328.Krall JF, Mori H, Tuck ML, Le Shon SL, Korenman SG. Demonstration of adrenergic catecholamine receptors in rat myometrium and their regulation by sex steroid hormones. *Life Sci*, 1978, 23, 1073-1082
- 329.Kraus WL, Katzenellenbogen BS. Regulation of progesterone receptor gene expression and growth in the rat uterus: modulation of estrogen actions by progesterone and sex steroid hormone antagonists. *Endocrinology*, 1993, 132, 2371-2379
- 330.Kraus WL, Montano MM, Katzenellenbogen BS. Cloning of the rat progesterone receptor gene 5'-region and identification of two functionally distinct promoters. *Mol Endocrinol*, 1993, 7, 1603-1616
- 331.Krisinger J, Dann JL, Applegarth O, Currie WD, Jeung EB, Staun M, Leung PC. Calbindin-D9k gene expression during the perinatal period in the rat: correlation to estrogen receptor expression in uterus. *Mol Cell Endocrinol*, 1993, 97, 61-69
- 332.Kuo MT, Julian J, Husain F, Song R, Carson DD. Regulation of multidrug resistance gene mdr1b/mdr1 expression in isolated mouse uterine epithelial cells. *J Cell Physiol*, 1995, 164, 132-141
- 333.Laatikainen TJ. Corticotropin-releasing hormone and opioid peptides in reproduction and stress. *Ann Med*, 1991, 23, 489-496
- 334.Labate ME, Whelly SM, Barker KL. Ribosome-associated estradiol-binding components in the uterus and their relationship to the translational capacity of uterine ribosomes. *Endocrinology*, 1986, 119, 140-151
- 335.Lambley P. The role of psychological processes in the aetiology and treatment of cervical cancer: a biopsychological perspective. *Br J Med Psychol*, 1993, 66, 43-60
- 336.Lancaster G, Moran T, Woodman C. Towards achieving the Health of the Nation target for cervical cancer: accuracy of cancer registration. *J Public Health Med*, 1994, 16, 50-52
- 337.Lane G. The histochemistry of isocitric- and oestradiol-17 β -dehydrogenases in the endometrium of postmenopausal women treated with oestrogens and progestagens. *Histochem J*, 1990, 22, 45-50
- 338.Lavia LA, Shideler C, Farley N, Walker N, Fields W, Roberts DK. Uterine growth responses of the mature castrate rat to estradiol-17 β . *Steroids*, 1984, 43, 663-675
- 339.Lavia LA, Roberts DK, Walker NJ, Anderson K. Rat luminal cell nuclear area changes correlated with uterine growth responses induced by a low dose infusion or injection of estradiol-17 beta. *Steroids*, 1985, 45, 519-537
- 340.Leaver HA, Richmond DH. The effect of oxytocin, estrogen, calcium ionophore A23187 and hydrocortisone on prostaglandin F2 alpha and 6-oxo-prostaglandin F1 alpha production by cultured human endometrial and myometrial explants. *Prostaglandins Leukot Med*, 1984, 13, 179-196
- 341.Leavitt WW, Okulicz WC. Progesterone control of nuclear estrogen receptor: demonstration in hamster uterus during the estrous cycle and pseudopregnancy using a new exchange assay. *J Steroid Biochem*, 1985, 22, 583-588
- 342.Leavitt WW, Cobb AD, Takeda A. Progesterone-modulation of estrogen action: rapid down regulation of nuclear acceptor sites for the estrogen receptor. *Adv Exp Med Biol*, 1987, 230, 49-78

343. Lee CN. Environmental stress effects on bovine reproduction. *Vet Clin North Am Food Anim Pract*, 1993, 9, 263-273
344. Lee DW, Markoff E. Synthesis and release of glycosidated prolactin by human decidua in vitro. *J Clin Endocrinol*, 1986, 62, 990-994
345. Lee YH, Howe RS, Sha SJ, Teuscher C, Sheehan DM, Lytle CR. Estrogen regulation of an eosinophil chemotactic factor in the immature rat uterus. *Endocrinology*, 1989, 125, 3022-3028
346. Leeuwen van FE, Benraadt J, Coebergh JW, Kiemeney LA, Gimbrere CH, Otter R; Schouten LJ, Damhuis RA, Bontenbal M, Diepenhorst FW, et al. Risk of endometrial cancer after tamoxifen treatment of breast cancer. *Lancet*, 1994, 343, 448-452
347. Lefebvre DL, Farookhi R, Larcher A, Neculcea J, Zingg HH. Uterine oxytocin gene expression. I. Induction during pseudopregnancy and the estrous cycle. *Endocrinology*, 1994, 134, 2556-2561
348. Lefebvre DL, Farookhi R, Giaid A, Neculcea J, Zingg HH. Uterine oxytocin gene expression. II. Induction by exogenous steroid administration. *Endocrinology*, 1994, 134, 2562-2566
349. Lemos R. Morphometry and discriminant analysis of endometrium. *Anal and Quant Cytol and Histol*, 1992, 14, 320-329
350. Leng G, Mansfield S, Bicknell RJ, Broun D, Chapman C, March MIC, Yaets JO, Dyer RG. Stress-induced disruption of parturition in the rat may be mediated by endogenous opioids. *J Endocrinol*, 1987, 14, 247 - 252
351. Leod MC RM, Robyn C. Mechanism of increased prolactin secretion by sulpiride. *J Endocrinol*, 1977, 72, 273-277
352. Leone M, Costantini C, Gallo G, Voci A, Massajoli M, Messeni-Leone M, deCecco L. Role of growth factors in the human endometrium during aging. *Maturitas*, 1993, 16, 31-38
353. Leroy-Martin B, Bouhdiba M, Saint PP, Peyrat JP. Effects peripheriques de la prolactine dans la fonction de la reproduction. II. Fonction de reproduction femelle. *J Gynecol Obstetr Biol Reprod*, 1989, 18, 288-294
354. Leung BS, Sasaki GH. Prolactin and progesterone effect on specific estradiol binding in uterine and mammary tissues in vitro. *Biochem Biophys Res Commun*, 1973, 55, 1180-1187
355. Levin E, Actis AM, Lopez S. Characterization of rat uterine estrogen receptors in vivo. *J Steroid Biochem Mol Biol*, 1993, 44, 277-285
356. Levy J, Zuili I, Yankowitz N, Shany S. Induction of cytosolic receptors for 1-alpha, 25-dihydroxyvitamin D3 in the immature rat uterus by oestradiol. *J Endocrinol*, 1984, 100, 265-269
357. Li S, Martel C, Dauvois S, Belanger A, Labrie F. Effect of estrone on the growth of 7,12-dimethylbenz(a)anthracene-induced mammary carcinoma in the rat: a model of postmenopausal breast cancer. *Endocrinology*, 1994, 134, 1352-1357
358. Li WI, Jiao S, Chen CL, Bazer FW. Secretion of immunoreactive beta-endorphin and GnRH by the pig uterus: effects of reproductive status and breed. *J Reprod Fertil*, 1993, 99, 253-258
359. Lieberman D, Harel S. Anxiety during pregnancy at the time of the Gulf War: comparison of anxiety of Israeli women with normal pregnancies and those with "at-risk" pregnancies. *Psychol Rep*, 1993, 72, 600-602
360. Liu Y, Teng CT. Estrogen response module of the mouse lactoferrin gene contains overlapping chicken ovalbumin upstream promoter transcription factor and estrogen receptor-binding elements. *Mol Endocrinol*, 1992, 6, 355-364
361. Lookingland KJ, Gunnet JW, Toney TW, Moore KE. Comparison of the effects of ether and restraint stress on the activity of tuberoinfundibular dopaminergic neurons in female and male rats. *Neuroendocrinology*, 1990, 52, 99-105
362. Lopez-Calderon A, Ariznavarreta C, Calderon MD, Tresguerres JAF, Gonzalez-Quijano MI. Role of the adrenal cortex in chronic stress-induced inhibition of prolactin secretion in the male rats. *J Endocrinol*, 1989, 120, 269-273
363. Lopez-Calderon A, Ariznavarreta C, Chen C-L C. Influence of chronic restraint stress on proopiomelanocortin mRNA and β -endorphin in the rat hypothalamus. *Mol Endocrinol*, 1991, 7, 197-204
364. Luck HJ, Hilfrich J, Degenhardt F, Stauch G. Comparative study of hormone receptor content and morphologic parameters in endometrial cancer and in non-malignant uterine tissue. *Arch Gynecol Obstet*, 1989, 245, 578-580
365. Lutz WH, Barker KL. Effect of estradiol on the amino acid-accepting activity of uterine tRNAs and their participation in protein synthesis. *J Biol Chem*, 1986, 261, 11230-11235
366. Luxford KA, Murphy CR. Changes in the apical microfilaments of rat uterine epithelial cells in response to estradiol and progesterone. *Anat Rec*, 1992, 233, 521-526
367. Luxford KA, Murphy CR. Cytoskeletal control of the apical surface transformation of rat uterine epithelium. *Biol Cell*, 1993, 79, 111-116
368. Lytle CR, Wheeler C, Komm BS. Hormonal regulation of rat uterine secretory protein synthesis. *Adv Exp Med Biol*, 1987, 230, 119-136
369. Maaroufi Y, Leclercq G. Importance of A/B and C domains of the estrogen receptor for its adsorption to hydroxylapatite. *J Steroid Biochem Mol Biol*, 1994, 48, 155-163
370. Maggi R, Dondi D, Panerai AE, Limonta P. Hypothalamic β -endorphin and brain mu opiate receptor concentrations in the male rat after restraint stress. *Neuroendocrinology*, 1988, 48, 289-295
371. Maggi M, Vannelli GB, Peri A, Brandi ML, Fantoni G, Giannini S, Torrisi C, Guardabasso V, Barni T, Toscano V, et al. Immunolocalization, binding, and biological activity of endothelin in rabbit uterus: effect of ovarian steroids. *Am J Physiol*, 1991, 260, E292-E305
372. Mai L-M, Pan J-T. Paradoxical effects of oxytocin and vasopressin on basal prolactin secretion and the estrogen-induced prolactin surge. *Life Sci*, 1990, 47, 1243-1251

373. Malini T, Vanithakumari G. Comparative study of the effects of beta-sitosterol, estradiol and progesterone on selected biochemical parameters of the uterus of ovariectomised rats. *J Ethnopharmacol*, 1992, 36, 51-55
374. Malini T, Vanithakumari G. Effect of beta-sitosterol on uterine biochemistry: a comparative study with estradiol and progesterone. *Biochem Mol Biol Int*, 1993, 31, 659-668
375. Mani SK, Carson DD, Glasser SR. Steroid hormones differentially modulate glycoconjugate synthesis and vectorial secretion by polarized uterine epithelial cells in vitro. *Endocrinology*, 1992, 130, 240-248
376. Mara-Suburo A, Chaud M, Franchi A, Polak JM, Gimeno MA. Distribution of neuronal and non-neuronal NADPH diaphorases and nitric oxide synthases in rat uterine horns under different hormonal conditions. *Biol Reprod*, 1995, 52, 631-637
377. Marcou M, Kennett GA, Gurzon G. Enhancement of brain dopamine metabolism by tyrosine during immobilization: an in vivo study using repeated cerebrospinal fluid sampling in conscious rats. *J Neurochem*, 1987, 48, 1245-1251
378. Marchlewska-Koj A, Pochron E, Galewicz-Sobecka A, Galas J. Suppression of estrus in female mice by the presence of conspecifics or by foot shock. *Physiol Behav*, 1994, 55, 317-321
379. Maric D, Simonovic I, Kovacevic R, Andjus RK. Hormonal responses to acute and long-term intermittent restraint stress in male rats. *Arh Biol Nayka*, 1991, 43, 25P-26P
380. Markaverich BM, Roberts RR, Finney RW, Clark JH. Preliminary characterization of an endogenous inhibitor of [³H]estradiol binding in rat uterine nuclei. *J Biol Chem*, 1983, 258, 11663-11671
381. Markaverich BM, Roberts RR, Alejandro MA, Clark JH. An endogenous inhibitor of [³H]estradiol binding to nuclear type II estrogen binding sites in normal and malignant tissues. *Cancer Res*, 1984, 44, 1515-1519
382. Markaverich BM, Gregory RR. Preliminary characterization and partial purification of rat uterine nuclear type II Binding sites. *Biochem Biophys Res Commun*, 1991, 177, 1283-1290
383. Marshall K, Senior J. (1) The effect of mepyramine and ranitidine on the oestrogen and anti-oestrogen stimulated rat uterus. *Br J Pharmacol*, 1986, 89, 251-256
384. Marshall K, Senior J. (2) Ornithine decarboxylase inhibition and the uterotrophic response to oestrogen in rats. *J Reprod Fertil*, 1986, 76, 597-601
385. Martinez-Campos A, Hernauder RP, Forsbach G, Barrera-Saldana HA. The stimulating effect of estradiol-17 β on prolactin mRNA is inhibited by anti-calmodulin drugs. *Life Sci*, 1991, 48, 2475-2485
386. Marti O, Gavalda A, Marti J, Gil M, Giralt M, Lopez-Calderon A, Armario A. Chronic stress induced changes in LH secretion: the contribution of anorexia associated to stress. *Life Sci*, 1993, 52, 1187-1194
387. Marti O, Gavalda A, Jolin T, Armario A. Effect of regularity of exposure to chronic immobilization stress on the circadian pattern of pituitary adrenal hormones, growth hormone, and thyroid stimulating hormone in the adult male rat. *Psychoneuroendocrinology*, 1993, 18, 67-77
388. Maslar IA, Ansbacher R. Effects of progesterone on decidual prolactin production by organ cultures of human endometrium. *Endocrinology*, 1986, 118, 2102-2108
389. Massey WA, Guo CB, Dvorak AM, Hubbard WC, Bhagavan BS, Cohan VL, Warner JA, Kagey Sobotka A, Lichtenstein LM. Human uterine mast cells. Isolation, purification, characterization, ultrastructure, and pharmacology. *J Immunol*, 1991, 147, 1621-1627
390. Master MC MT, Teng CT, Dey SK, Andrews GK. Lactoferrin in the mouse uterus: analyses of the preimplantation period and regulation by ovarian steroids. *Mol Endocrinol*, 1992, 6, 101-111
391. Matsuda H, Okuda K, Imori T. Tissue concentrations of eosinophilia in the bovine oviduct and uterus of different stages of the oestrous cycle. *Res Vet Sci*, 1983, 34, 369-370
392. Medlock KL, Forrester TM, Sheehan DM. Short-term of physiological and pharmacological doses of estradiol on estrogen receptors and uterine growth. *J Receptor Res*, 1991, 11, 743-756
393. Medlock KL, Lytile RC, Kelepouris N, Newman ED, Sheehan DM. Estradiol down-regulation of the rat uterine estrogen receptor. *Proc Soc Exp Biol and Med* 1991, 196, 293-300
394. Medlock KL, Forrester TM, Sheehan DM. Progesterone and estradiol interaction in the regulation of rat uterine weight and estrogen receptor concentration. *Proc Soc Exp Biol Med*. 1994, 205, 146-153
395. Meier DA, Garner CW. Estradiol stimulation of glucose transport in rat uterus. *Endocrinology*, 1987, 121, 1366-1374
396. Melo RC, Machado CR. Noradrenergic and acetylcholinesterase-positive nerve fibres of the uterus in sexually immature and cycling rats. *Histochem J*, 1993, 25, 213-218
397. Mena MA, Grunert G, Mansilla MS, Lucia ME, Pizarro MI, Hidalgo P, Tchernitchin AN. Inhibition of non-genomic responses to oestrogen in the rat uterus by testosterone propionate. *J Reprod Fertil*, 1985, 74, 1-7
398. Milin J, Martinovic J, Demajo M, Banic B, Milin R. Pineal gland and opioid peptides might be intervening variables in initial stress-induced prolactin surge / *Neuroendocrin Correl Stress Proc Int Symp Neuroendocrin Aspects Stress*, Cavat, 9-15 Sept, 1984, New York, London, 1985, 191-216
399. Misao R, Nishigaki M, Hori M, Fujimoto J, Tamaya T. Effects of danasol and medroxyprogesterone acetate on estrogen-(estradiol and estriol) specific binding sites in rabbit uterus. *Gynecol Endocrinol*, 1995, 9, 29-35
400. Missiaen L, Casteels R. Modification of the autonomic nervous system in rat myometrium by sexual hormones. *Arch Int Physiol et Biochem*, 1985, 93, 4-5
401. Mistry A, Vijauan E. Dopaminergic involvement in changes in uterine sensitivity during sexual maturation in rat. *Indian J Exp Biol*, 1982, 20, 738-741

- 402.Mistry A, Vijayan E. Neurotensin enhances estradiol induced DNA synthesis in immature rat uterus. *Life Sci*, 1985, 36, 2063-2067
- 403.Miyazono K, Heldin CH. The mechanism of action of transforming growth factor-beta. *Gastroenterol Jpn*, 1993, 28, 81-87
- 404.Molnar P, Murphy LJ. Effects of oestrogen on rat uterine expression of insulin-like growth factor-binding proteins. *J Mol Endocrinol*, 1994, 13, 59-67
- 405.Morehead MH, Lookingland KJ, Gala RR. Stress-induced suppression of the prolactin afternoon surge in ovariectomized, estrogen-treated rats and the nocturnal surge in pseudopregnant rats are accompanied by an increase in median eminence dihydroxyphenylacetic acid concentrations. *Neuroendocrinology*, 1990, 51, 208-212
- 406.Mori A, Hiramatsu M, Kabuto H, Marescan B. Effects of emotional stress on E1-mouse convulsions and their biochemical background. *Neurochem Res*, 1986, 11, 37-45
- 407.Mori T, Namiki H, Niki K. Temporary increase in the circulating prolactin levels during after consecutive administration of bromocryptine-mesilate (CB-154) in female mice. *Acta Endocrinol*, 1985, 109, 208-231
- 408.Morris JE, Potter SW, Gaza-Bulseco G. Estradiol induces an accumulation of free heparan sulfate glycosaminoglycan chains in uterine epithelium. *Endocrinology*, 1988, 122, 242-253
- 409.Morris JE, Potter SW, Gaza-Bulseco G. Estradiol-stimulated turnover of heparan sulfate proteoglycan in mouse uterine epithelium. *J Biol Chem*, 1988, 263, 4712-4718
- 410.Morrison JEB, Nimmo AJ, Whitaker EM. The distribution of beta-adrenoceptors in the rat uterus. *J Physiol(Gr Brit)*, 1987, 386, 72
- 411.Moss N, Carver K. Pregnant women at work: sociodemographic perspectives. *Am J Ind Med*, 1993, 23, 541-557
- 412.Motta AB, Franchi AM, Gimeno AL, Gimeno MA. Influences of oxytocin on the synthesis of prostaglandins by uterus from rats in different stages of the estrous cycle. *Prostaglandins Leukot Essent Fatty Acids*, 1994, 51, 133-139
- 413.Mukherjee D, Manna PR, Bhattacharya S. Functional relevance of luteinizing hormone receptor in mouse uterus. *Eur J Endocrinol*, 1994, 131, 103-108
- 414.Mukku VR, Kirkland JL, Hardy M, Stancel GM. Stimulatory and inhibitory effects of estrogen and antiestrogen on uterine cell division. *Endocrinology*, 1981, 109, 1005-1010
- 415.Mukku VR, Kirkland JL, Hardy M, Stancel GM. Hormonal control of uterine growth: temporal relationships between estrogen administration and deoxyribonucleic acid synthesis. *Endocrinology*, 1982, 111, 480-487
- 416.Muller RE, Knowler JT. The effects of oestradiol-17 beta on the synthesis and modification of ribosomal proteins in the uterus of the immature rat. *J Steroid Biochem*, 1984, 20, 1337-1344
- 417.Muller RE, Knowler JT. The synthesis of ribosomal RNA and ribosomal protein and their incorporation into ribosomes in the uterus of the oestrogen-stimulated immature rat. *FEBS Lett*, 1984, 174, 253-257
- 418.Munakata H, Isemura M, Yosizawa Z. Hormonal effects on the activities of glycosidases in the endometrium of rabbit uterus. *Biochem Med Metab Biol*, 1986, 35, 179-183
- 419.Murphy CR. The plasma membrane of uterine epithelial cells: structure and histochemistry. *Prog Histochem Cytochem*, 1993, 27, 1-66
- 420.Murphy AA, Kettel ML, Morales AJ, Roberts V, Parmley T, Yen SSC. Endometrial effects of long-term low-dose administration of RU486. *Fertil Steril*, 1995, 63, 761-766
- 421.Murphy LJ, Murphy LC, Friesen HG. Estrogen induction of N-myc and c-myc proto-oncogene expression in the rat uterus. *Endocrinology*, 1987, 120, 1882-1888
- 422.Murphy LJ. Impaired estrogen-induced uterine insulin-like growth factor I gene expression in the streptozotocin diabetic rat. *diabetologia*, 1988, 31, 842-847
- 423.Murphy LJ, Friesen HG. Differential effects of estrogen and growth hormone on uterine and hepatic insulin-like growth factor I gene expression in the ovariectomized hypophysectomized rat. *Endocrinology*, 1988, 122, 325-332
- 424.Murugesan K, Vij U, Farooq A. Effect of tamoxifen, estradiol 17 beta on coenzymes NAD, NADPH and the metabolism of estradiol and estrone in rabbit uterus in vivo. *Indian J Exp Biol*, 1993, 31, 940-943
- 425.Muscat R, Stamford J, Kruk Z, Willner P. Similar effect of chronic unpredictable mild stress and chronic imipramine administration on release of mesolimbic dopamine / Pap Brit Assoc Psychopharmacol, Annu Meet "Latent Inhibit and other Paradigms Models Schizophrenic Dysfunct, York, 22 July, 1991. *J Psychopharmacol*, 1992, 6, 114
- 426.Murai I, Ben-Jonathan N. Acute stimulation of prolactin release by estradiol: mediation by the posterior pituitary. *Endocrinology*, 1990, 126, 3179-3184
- 427.Murray MK. The effect of estrogen and progesterone on structural changes in the uterine glandular epithelium of the ovariectomized sheep. *Biol Reprod*, 1992, 47, 408-417
- 428.Murray MK, Sower SA. Estrogen- and progesterone-dependent secretory changes in the uterus of the sheep. *Biol Reprod*, 1992, 47, 917-924
- 429.Nagano M, Kelly PA. Tissue distribution and regulation of rat prolactin receptor gene expression. Quantitative analysis by polymerase chain reaction. *J Biol Chem*, 1994, 269, 13337-13345
- 430.Nagaoka T, Takeuchi M, Onodera H, Mitsumori K, Lu J, Maekawa A. Experimental induction of uterine adenocarcinoma in rats by estrogen and N- methyl-N-nitrosourea. *In Vivo*, 1993, 7, 525-530
- 431.Nakayama R, Yasuda K, Okumura T, Saito K. Effect of 17 beta-estradiol on PAF and prostaglandin levels in oophorectomized rat uterus. *Biochim Biophys Acta*, 1991, 1085, 235-240

- 432.Nanno T. Inhibitory effects of prolactin in the mechanism of follicle rupture in the in vitro perfused rabbit ovary. *J Kyorin Med Soc*, 1993, 24, 247-255
- 433.Negami AI, Tominaga T. Effect of prolactin on cultured human endometrial cells. *Hormone Res*, 1991, 35, 50-57
- 434.Nelson KG, Takahashi T, Lee DC, Luetteke NC, Bossert NL, Ross K, Eitzman BE, Mc Lachlan JA. Transforming growth factor-alpha is a potential mediator of estrogen action in the mouse uterus. *Endocrinology*, 1992, 131, 1657-1664
- 435.Nephew KP, Polek TC, Akcali KC, Khan SA. The antiestrogen tamoxifen induces c-fos and jun-B, but not c-jun or jun-D, protooncogenes in the rat uterus. *Endocrinology*, 1993, 133, 419-422
- 436.Nephew KP, Tang M, Khan SA. Estrogen differentially affects c-jun expression in uterine tissue compartments. *Endocrinology*, 1994, 134, 1827-1834
- 437.Nephew KP, Peters GA, Khan SA. Cellular licalization of estradiol-induced c-fos messenger ribonucleic acid in the rat uterus: c-fos expression and uterine cells proliferationndo not correlate strictly. *Endocrinology*, 1995, 136, 3007-3015
- 438.Neumann F. Early indicators for carcinogenesis in sex hormone sensitive organs. *Mutat Res Fund and Mol Mech Mutagen*, 1990, 248, 341-356
- 439.Nirmala PB, Thampan RV. A 55-kDa protein (p55) of the goat uterus mediates nuclear transport of the estrogen receptor. I. Purification and characterization. *Arch Biochem Biophys*, 1995, 319, 551-561
- 440.Nirmala PB, Thampan RV. A 55-kDa protein (p55) of the goat uterus mediates nuclear transport of the estrogen receptor. II. Details of the transport mechanism. *Arch Biochem Biophys*, 1995, 319, 562-569
- 441.Nishino Y, Michna H, Hasan SH, Schneider MR. Involvement of the adrenal glands in the prolactin rise induced in the female rat by an antiprogestin, onapristone. *J Steroid Biochem Mol Biol*, 1992, 41, 841-845
- 442.Niven Mac E, DeCatanzaro D. Reversal of stress-induced pregnancy block in mice by progesterone and metyrapone. *Physiol Behav*, 1990, 47, 443-448
- 443.Niwa K, Yokoyama Y, Furui T, Tanaka T, Mori H, Tamaya T. Changes of silver-stained nucleolar organizer regions by N-methyl-N-nitrosourea and 17- α -oestradiol. *Virchows Arch*, 1992, 421, 387 - 391
- 444.Niwa K, Murase T, Furui T, Morishita S, Mori H, Tanaka T, Mori H, TamayaT. Enhancing effects of estrogens on endometrial carcinogenesis initiated by N-methyl-N-nitrosourea in ICR mice. *Jpn J Cancer Res*, 1993, 84, 951-955
- 445.Nomura J, Nakase N, Ishii H, Yamazaki K. Changes of estrogen metabolism by stress. *Neuroendocrinol Lett*, 1988, 10, 264
- 446.Nutting PA, Freeman WL, Risser DR, Helgerson SD, Paisano R, Hisnanick J, Beaver SK, Peters I, Carney JP, Speers MA. Cancer incidence among American Indians and Alaska Natives, 1980 through 1987. *Am J Public Health*, 1993, 83, 1589-1598
- 447.Ohta N, Takahashi T, Mori T, Park MK, Kawashima S, Takahashi K, Kobayashi H. Hormonal modulation of prolyl endopeptidase and dipeptidyl peptidase IV activities in the mouse uterus and ovary. *Acta Endocrinol Copenh*, 1992, 127, 262-266
- 448.Okulicz WC. Effect of the antiprogestin RU-486 on progesterone inhibition of occupied nuclear estrogen receptor in the uterus. *J Steroid Biochem*, 1987, 28, 117-122
- 449.Okulicz WC, Balsamo M, Tast J. Progesterone regulation of endometrial estrogen receptor and cell proliferation during the late proliferative and secretory phase in artificial menstrual cycles in the rhesus monkey. *Biol Reprod*, 1993, 49, 24-32
- 450.Opperman LA, Saunders TJ, Bruns DE, Boyd JC, Mills SE, Bruns ME. Estrogen inhibits calbindin-D28k expression in mouse uterus. *Endocrinology*, 1992, 130, 1728-1735
- 451.Ordog T, Vertes Z, Vertes M. Inhibition of oestradiol-induced DNA synthesis by opioid peptides in the rat uterus. *Life Sci*, 1992, 51, 1187-1196
- 452.Ordog T, Vertes Z, Vertes M. Role of endogenous opioids in progesterone antagonism on oestradiol-induced DNA synthesis in the rat uterus. *J Steroid Biochem Mol Biol*, 1993, 45, 455-457
- 453.Orlicky DJ, Lieberman R, Gerschenson LE. A role of prostaglandins in estrogen growth regulation. *Med Hypotheses*, 1988, 25, 1-5
- 454.Ouhtit A, Morel G, Kelly PA. Visualization of gene expression of short and long forms of prolactin receptor in rat reproductive tissues. *Biol Reprod*, 1993, 49, 528-536
- 455.Padilla L, Reinicke K, Montesino H, Villena F, Asencio H, Cruz M, Rudolph MI. Histamine content and mast cells distribution in mouse uterus: the effect of sexual hormones, gestation and labor. *Cell Mol Biol*, 1990, 36, 93-100
- 456.Pakrasi PL, Cheng HC, Dey SK. Prostaglandins in the uterus: modulation by steroid hormones. *Prostaglandins*, 1983, 26, 991-1009
- 457.Pan J-T, Gala RR. The serotonin (5-HT) receptor system, but not the α 1-adrenergic receptor system, is involved in the estrogen-induced afternoon prolactin surge in the rat. *Life Sci*, 1988, 42, 1869-1874
- 458.Pan J-T, Chen Ch-W. Increased plasma prolactin levels in ovariectomized, thyroidectomized rats treated with estrogen. *Endocrinology*, 1990, 126, 3146-3152
- 459.Pankova TG, Igonina TM, Deribas VI, Salganic RI. Biochemical cascade mediating the estradiol action. *Exp Clin Endocrinol*, 1983, 82, 131-139
- 460.Parria BC, Das SK, Huet-Hudson YM, Dey SK. Distribution of transforming growth factor alpha precursors in the mouse uterus during the periimplantation period and after steroid hormone treatments. *Biol Reprod*, 1994, 50, 481-491

- 461.Paria BC, Wang XN, Dey SK. Effects of chronic treatment with delta-9-tetrahydrocannabinol on uterine growth in the mouse. *Life Sci*, 1994, 55, 729-734
- 462.Parker MG. Structure and function of the oestrogen receptor. *J Neuroendocrinol*, 1993, 5, 223-228
- 463.Parr MB, Parr EL. Effects of oestradiol-17 beta and progesterone on the number of plasma cells in uteri of ovariectomized mice. *J Reprod Fertil*, 1986, 77, 91-97
- 464.Pasqualini JR, Cosquer Clavreul C, Gelly C. Rapid modulation by progesterone and tamoxifen of estradiol effects on nuclear histone acetylation in the uterus of the fetal guinea pig. *Biochim Biophys Acta*, 1983, 739, 137-140
- 465.Pastore GN, Dicola LP, Dollahon NR, Gardner RM. Effect of estriol on the structure and organization of collagen in the lamina propria of the immature rat uterus. *Biol Reprod*, 1992, 47, 83-91
- 466.Patinawin S, Wahawisan R, Gorell TA. Histochemical localizaton of 17beta-hydroxysteroid dehydrogenase activity in rat uterus. *J Steroid Biochem*, 1980, 13, 1277-1281
- 467.Pihoker C, Feeney RJ, Su J-L, Handwerger S. Lipocortin-1 inhibits the synthesis and release of prolactin from human decidual cells: Evidence for autocrine/paracrine regulation by lipocortin-1. *Endocrinology*, 1991, 128, 1123-1128
- 468.Potter SW, Morris JE. Changes in histochemical distribution of cell surface heparan sulfate proteoglycan in mouse uterus during the estrous cycle and early pregnancy. *Anat Rec*, 1992, 234, 383-390
- 469.Poyer NL. Effect of treating ovariectomized guinea-pigs with estradiol and progesterone on basal and A23187-stimulated release of prostaglandins from the uterus superfused in vitro. *Prostaglandins Leukot Med*, 1983, 11, 345-360
- 470.Putnam CD, Brann DW, Mahesh VB. Acute activation of the adrenocorticotropin-adrenal axis: Effect of gonadotropins and prolactin secretion in the female rats. *Endocrinology*, 1991, 128, 2558-2566
- 471.Quarmby V E, Korach K S. The influence if 17-beta-estradiol on patterns of cell division in the uterus. *Endocrinology*, 1984, 114, 694-702
- 472.Quarmby VE, Korach KS. Differential regulation of protein synthesis by estradiol in uterine component tissues. *Endocrinology*, 1984, 115, 687-697
- 473.Rabin DS, Johnson EO, Brandon DD, Liapi C, Chrousos GP. Glucocorticoids inhibit estradiol-mediated uterine growth: possible role of the uterine estradiol eceptor. *Biol Reprod*, 1990, 42, 74-80
- 474.Rade F, Lazaro J-B, Benyassi A, Arancibia S, Tapia-Arancibia L. Rapid changes in somatostatin and TRH mRNA in whole rat hypothalamus in response to acute cold exposure. *J Neuroendocrinol*, 1994, 6, 19-23
- 475.Rajkumar K. Effect of protein kinase-C inhibitor on estradiol-induced deoxyribonucleic acid synthesis in rats. *Steroids*, 1993, 58, 100-105
- 476.Ramachandran C, Catelli MG, Schneider W, Shyamala G. Estrogenic regulation of uterine 90-kilodalton heat shock protein. *Endocrinology*, 1988, 123, 956-961
- 477.Randall GW, Daniel JC Jr, Chilton BS. Prolactin enhances uteroglobin gene expression by uteri of immature rabbits. *J Reprod Fertil*, 1991, 91, 249-257
- 478.Rao IM, Reddy PR. Direct inhibitory effect of gonadotropin releasing hormone in the uterus of rat. *Life Sci*, 1984, 34, 2257-2263
- 479.Rasmussen KR, Whelly SM, Barker KL.(1) Estradiol regulation of the synthesis of uterine proteins with clusters of proline- and glycine-rich peptide sequences. *Biochim Biophys Acta*, 1988, 970, 177-186
- 480.Rasmussen K, Whelly S, Barker K. (2) Estradiol regulation of reactions involved in turnover of the amino acid acceptor terminus of tRNA in the rat uterus. *Biochim Biophys Acta*, 1988, 972, 179-191
- 481.Ratner A, Pasternak LB, Weiss GK. Effect of restraint stress on prolactin and corticosterone levels in streptozocin-induced diabetic rats. *Life Sci*, 1991, 48, 887-891
- 482.Ravn SH, Rosenberg J, Bostofte E. Postmenopausal hormone replacement therapy--clinical implications. *Eur J Obstet Gynecol Reprod Biol*, 1994, 53, 81-93
- 483.Re G, Badino P, Dacasto M, Di-Carlo F, Girardi C. Regulation of uterine estrogen receptors (ER) by beta-adrenergic stimulation in immature rats. *J Vet Pharmacol Ther*, 1993, 16, 328-334
- 484.Resko AM. Stress and adrenal progesterone. *Science*, 1969, 164, 70-71
- 485.Richardson J, Kaushic C, Wira CR. Estradiol regulation of secretory component: expression by rat uterine epithelial cells. *J Steroid Biochem Mol Biol*, 1993, 47, 143-149
- 486.Riemer RK, Goldfien A, Roberts JM. Estrogen increases adrenergic- but not cholinergic-mediated production of inositol phosphates in rabbit uterus. *Mol Pharmacol*, 1987, 32, 663-668
- 487.Rinard GA, Chew CS. Interacting effects of estrogen, progesterone and catecholamines on rat uterine cyclic AMP and glycogen phosphorylase. *Life Sci*, 1975, 16, 1507-1512
- 488.Rivier C, Rivest S. Effect of stress on the activity of the hypothalamic-pituitary-gonadal axis: peripheral and central mechanisms. *Biol Reprod*, 1991, 45, 523-532
- 489.Robbins A, Sato Y, Hotta H, Berkley KJ. Responses of hypogastric nerve afferent fibers to uterine distension in estrous or metestrous rats. *Neurosci Lett*, 1990, 110, 82-85
- 490.Roberts DK, Lavia LA, Walker N, Anderson K. Induction of nucleolar changes in rat luminal cells by single injection or low-dose infusion of estradiol. *Steroids*, 1988, 51, 123-141
- 491.Robertson SA, Seamark RF. Granulocyte-macrophage colony stimulating factor (GM-CSF): one of a family of epithelial cell-derived cytokines in the preimplantation uterus. *Reprod Fertil Dev*, 1992, 4, 435-448

- 492.Rodriguez-Martinez H, Persson E, Hurst M, Stanchev P. Immunohistochemical localization of platelet-derived growth factor receptors in the porcine uterus during the oestrous cycle and pregnancy. *Zentralbl Veterinarmed A*, 1992, 39, 1-10
- 493.Rojas AM, Steinsapir J. Multiple mechanisms of regulation of estrogen action in the rat uterus: effects of insulin. *Endocrinology*, 1983, 112, 586-591
- 494.Rosetta L. Female reproductive dysfunction and intense physical training. *Oxf Rev Reprod Biol*, 1993, 15, 113-141
- 495.Rosser M, Chorich L, Howard E, Zamorano P, Mahesh VB. Changes in rat uterine estrogen receptor messenger ribonucleic acid levels during estrogen- and progesterone-induced estrogen receptor depletion and subsequent replenishment. *Biol Reprod*, 1993, 48, 89-98
- 496.Rotello RJ, Lieberman RC, Purchio AF, Gerschenson LE. Coordinated regulation of apoptosis and cell proliferation by transforming growth factor beta 1 in cultured uterine epithelial cells. *Proc Natl Acad Sci USA*, 1991, 88, 3412-3415
- 497.Rose J, Huang JL, Mead RA. Role of ovarian steroids in development of uterine binding sites for prolactin in the ferret. *Biol Reprod*, 1993, 48, 1266-1273
- 498.Rumpel E, Michna H, Kuhnel W. PCNA-immunoreactivity in the uterus of rats after treatment with the antiestrogen tamoxifen. *Anat Anz*, 1995, 177, 133-138
- 499.Rutanen EM, Pekonen F, Nyman T, Wahlstrom T. Insulin-like growth factors and their binding proteins in benign and malignant uterine diseases. *Growth Regul*, 1993, 3, 74-77
- 500.Ryan SM, Maier SF. The estrous cycle and estrogen modulate stress-induced analgesia. *Bechav Neurosci*, 1988, 102, 371-380
- 501.Sadek S, Unterman TG, Bell SC. Epithelial localization of insulin-like growth factor binding protein 1 in the uterus of the rat during pregnancy, deciduoma-bearing pseudopregnancy and hormone treatment. *J Reprod Fertil*, 1994, 101, 67-75
- 502.Sahlin L, Norstedt G, Eriksson H. Estrogen regulation of the estrogen receptor and insulinlike growth factor-I in the rat uterus: a potential coupling between effects of estrogen and IGF-I. *Steroids*, 1994, 59, 421-430
- 503.Saiduddin S, Zassenhaus HP. Effect of prolactin on specific oestradiol receptors in the rat uterus. *J Endocrinol*, 1977, 72, 101-102
- 504.Saito N. Biochemical analysis of estrogen receptor and progesterone receptor in normal uterus and endometrial carcinoma. *Nippon Naibunpi Gakkai Zasshi*, 1987, 63, 87-101
- 505.Sakamoto S, Sawasaki Y, Kudo H, Suzuki S, Sawaki K, Nagasawa H. Effects of oestrogen on mitochondrial thymidine kinase activity in the immature rat uterus. *In Vivo*, 1992, 6, 157-160
- 506.Samson WK, Bianchi R, Mogg RJ, et al. Oxytocin mediates the hypothalamic action of vasoactive intestinal peptide to stimulate prolactin secretion. *Endocrinology*, 1989, 124, 812-819
- 507.Sanchez V, Borras JM, Mingot M. Cancer mortality trends in Catalonia: 1975-1990. *Med Clin Barc*, 1994, 102, 606-612
- 508.Sandman CA, Wadhwa PD, Dunkel-Schetter C, Chicz-DeMet A, Belman J, Porto M, Murata Y, Garite TJ, Crinella FM. Psychobiological influences of stress and HPA regulation on the human fetus and infant birth outcomes. *Ann NY Acad Sci*, 1994, 739, 198-210
- 509.Sanfilippo JS, Barrows GH, Apkarian RP, Wittliff JL. Evaluation of danazol influence upon the uterus using scanning electron microscopic morphometric and biochemical analyses. *Surg Gynecol Obstet*, 1985, 160, 421-428
- 510.Sato B, Nishizawa Y, Noma K, Kishimoto S, Matsumoto K. Chronic estrogen treatment causes an alteration in uterine estrogen receptor dynamics of rats. *Biochim Biophys Acta*, 1983, 755, 412-419
- 511.Sawitzke AL, Odell WD. Uterine binding sites for LH/hCG can be modulated by hormonal status in rabbits and rats. *Acta Endocrinol (Copenh)*, 1991, 124, 322-330
- 512.Schatz R, Soto AM, Sonnenschein C. Estrogen-induced cell multiplication: direct or indirect effect on rat uterine cells? *Endocrinology*, 1984, 115, 501-506
- 513.Schirar A, Capponi A, Catt JK. Regulation of uterine angiotensin II receptors by estrogen and progesterone. *Endocrinology*, 1980, 106, 5-12
- 514.Schwartz JA, Skafar DF. Ligand-mediated modulation of estrogen receptor conformation by estradiol analogs. *Biochemistry*, 1993, 32, 10109-10115
- 515.Scott P, Kessler MA, Schuler LA. Molecular cloning of the bovine prolactin receptor and distribution of prolactin and growth hormone receptor transcripts in fetal and utero-placental tissues. *Mol Cell Endocrinol*, 1992, 89, 47-58
- 516.Seki K, Nagata I. Effect of dopamine antagonist (metoclopramide) on the release of LH, FSH and PRL in normal women throughout the menstrual cycle. *Acta Endocrinol*, 1990, 122, 211-216
- 517.Seltzer AM, Donoso AO, Rodesta E. Restraint stress stimulation of prolactin and ACTH secretion: role of brain histamine. *Physiol and Bechav*, 1986, 36, 251-255
- 518.Scoppala M, Koistinen R, Piitinen L, Angervo M, Suikkari AM, Julkunen M. Molecular biology and clinical application of proteins of the female genital tract / Abstr. 2nd Int Meet ESHRE and ESCO, Milan, 1990. *Human Reprod*, 1990, Suppl "Abstr 2nd Int Meet ESHRE and ESCO", 20
- 519.Seppala M, Koistinen R, Rutanen EM. Uterine endocrinology and paracrinology: insulin-like growth factor binding protein-1 and placental protein 14 revisited. *Hum Reprod*, 1994, 9, Suppl 2, 96-106
- 520.Shelley ME, Hossain A, McDonough PG, Khan I. Differential c-jun gene expression with tonically administered steroids in rat ovary and uterus. *Am J Obstet Gynecol*, 1994, 170, 1410-1415

- 521.Shinkarenko L, Kaye AM, Degani H. *13C NMR kinetic studies of the rapid stimulation of glucose metabolism by estrogen in immature rat uterus.* NMR Biomed. 1994, 7, 209-217
- 522.Shvaji S, Devi LG, Ahmad MB, Sundaram CS. *31P NMR study of phosphorus containing metabolites in the uterus of hamster: changes during the estrous cycle and the effect of hormonal manipulation.* J Steroid Biochem Mol Biol, 1995, 52, 587-594
- 523.Silvia WJ, Raw RE. *Regulation of pulsatile secretion of prostaglandin F2 alpha from the ovine uterus by ovarian steroids.* J Reprod Fertil, 1993, 98, 341-347
- 524.Simones MJ, Mora OA. *Aspectos morfometricos e ultraestructurais dos macrófagos presentes no endométrio de rats duraute o ciclo estral.* Rev Bras Biol, 1984, 44, 197-201
- 525.Slayden OD, Hirst JJ, Brenner RM. *Estrogen action in the reproductive tract of rhesus monkeys during antiprogestin treatment.* Endocrinology, 1993, 132, 1845-1856
- 526.Small R, Ulijaszek SJ. *Stress, energy expenditure and menstrual dysfunction in Cambridge women.* Am J Physiol Anthropol, 1993, 16, Suppl, 182
- 527.Smith J, Chander SK, Baillie R, Coombes RC. *The effect of endocrine therapy on fibroblast growth factor-like activity in nitrosomethylurea-induced rat mammary tumours.* Eur J Cancer, 1993, 29, 2125-2131
- 528.Soto J, Tchernitchin AN, Poloni P, Voigt G, Caro B, Agurto M. *Effect of ketotifen on the distribution and degranulation of uterine eosinophils in estrogen-treated rats.* Agents Actions, 1989, 28, 198-203
- 529.Stacey K, Beasley B, Wilce PA, Martin L. *Effects of female sex hormones on lipid metabolism in the uterine epithelium of the mouse.* Int J Biochem, 1991, 23, 371-376
- 530.Stancel GM, Gardner RM, Kirkland JL, Lin TH, Lingham RB, Loose Mitchell DS, Mukku VR, Orengo CA, Verner G. *Interactions between estrogen and EGF in uterine growth and function.* Adv Exp Med Biol, 1987, 230, 99-118
- 531.Stancel GM, Baker VV, Hyder SM, Kirkland JL, Loose-Mitchell DS. *Oncogenes and uterine function.* Oxf Rev Reprod Biol, 1993, 15, 1-42
- 532.Stark JM. *Pre-eclampsia and cytokine induced oxidative stress.* Br J Obstet Gynaecol, 1993, 100, 105-109
- 533.Stephanou A, Knight RA, Sarlis NJ, Chowdery HS, Lightman SL. *Modulation of proopiomelanocortin, growth hormone, and prolactin mRNA levels during chronic inflammatory stress / Abstr 11th Jt Meet Brit Endocr Soc, Harrogate, 23-26 March, 1992.* J Endocrinol, 1992, 132, Suppl, 189-195
- 534.Sterin AB, Linares JA, Goldraij A, Gimeno MF, Gimeno AL. *Prostaglandin E2 and prostaglandin F2 regulation of triglyceride levels in uterine smooth muscle from restricted-diet estrous and diestrous rats.* Prostaglandins Leukot Med, 1984, 14, 391-401
- 535.Stevenson KR, Gilmour RS, Wathes DC. *Localization of insulin-like growth factor-I (IGF-I) and -II messenger ribonucleic acid and type 1 IGF receptors in the ovine uterus during the estrous cycle and early pregnancy.* Endocrinology, 1994, 134, 1655-1664
- 536.Stevenson KR, Riley PR, Stewart HJ, Flint AP, Wathes DC. *Localization of oxytocin receptor mRNA in the ovine uterus during the oestrous cycle and early pregnancy.* J Mol Endocrinol, 1994, 12, 93-105
- 537.Stewart PJ, Webster RA. *Intrauterine injection of cholera toxin induces estrogen-like uterine growth.* Biol Reprod, 1983, 29, 671-679
- 538.Stewart PJ, Zaloudek CJ, Inman MM, Webster RA. *Effects of dexamethasone and indomethacin on estrogen-induced uterine growth.* Life Sci, 1983, 33, 2349-2356
- 539.Suburo AM, Chaud M, Franchi A, Polak JM, Gimeno MAF. *Distribution of neuronal and non-neuronal NADPH diaphorases and nitric oxide synthases in rat uterine horns under different hormonal conditions.* Biol Reprod, 1995, 52, 631-637
- 540.Sugimura M, Terao T. *Antiestrogen therapy of patients with uterine cancer.* Nippon Rinsho, 1994, 52, 804-808
- 541.Taguchi M, Kubota T, Aso T. *Direct effect of danazol on the DNA synthesis and ultrastructure of human cultured endometrial stromal cells.* Gynecol Obstet Invest, 1995, 39, 192-196
- 542.Takahara H, Kusubata M, Tsuchida M, Kohsaka T, Tagami S, Sugawara K. *Expression of peptidylarginine deiminase in the uterine epithelial cells of mouse is dependent on estrogen.* J Biol Chem, 1992, 267, 520-525
- 543.Takahashi T, Eitzman B, Bossert NL, Walmer D, Sparrow K, Flanders KC, McLachlan J, Nelson KG. *Transforming growth factors beta 1, beta 2, and beta 3 messenger RNA and protein expression in mouse uterus and vagina during estrogen-induced growth: a comparison to other estrogen-regulated genes.* Cell Growth Differ, 1994, 5, 919-935
- 544.Takahashi M, Ando-Lu J, Iijima T, Ishihara R, Imai S, Kitamura T, Wakabayashi K, Maekawa A. *Induction of endometrial adenocarcinomas in persistent estrous Donryu rats by a single intra-uterine administration of N-ethyl-N'-nitro-N-nitrosoguanidine.* In Vivo, 1994, 8, 1047-1052
- 545.Takemura M, Nomura S, Kimura T, Inoue T, Onoue H, Azuma C, Saji F, Kitamura Y, Tanizawa O. *Expression and localization of oxytocin receptor gene in human uterine endometrium in relation to the menstrual cycle.* Endocrinology, 1993, 132, 1830-1835
- 546.Tamaya T, Arabori K, Okada H. *Relation between steroid receptor levels and prolactin level in the endometrial stromal cells.* Acta Obstet Gynecol Scand, 1988, 67, 265-269
- 547.Tan J, Li H, Liu H, Yang S. *Morphometric evaluation on the pathologic changes in ovariectomized endometria influenced by estrogen use.* Hua Hsi I Ko Ta Hsueh Hsueh Pao, 1993, 24, 179-181

- 548.Tang XM, Rossi MJ, Masterson BJ, Chegini N. Insulin-like growth factor I (IGF-I), IGF-I receptors, and IGF binding proteins 1-4 in human uterine tissue: tissue localization and IGF-I action in endometrial stromal and myometrial smooth muscle cells in vitro. *Biol Reprod*, 1994, 50, 1113-1125
- 549.Tchernitchin AN, Galand P. Oestrogen levels in the blood, not in the uterus, determine uterine eosinophilia and oedema. *J Endocrinol*, 1983, 99, 123-130
- 550.Tejwani GA, Gudehithlu KP, Hanissian SH, Gienapp IE, Whitacre CC, Malarkey A. Facilitation of dimethylbenz[a]anthracene-induced rat mammary tumorigenesis by restraint stress: role of \square -endorphin, prolactin and naltrexone. *Carcinogenesis*, 1991, 12, 637-642
- 551.Teni TR, Sampat MB, Sheth NA. Inhibin (10.7 kD prostatic peptide) in normal, hyperplastic, and malignant human endometria: an immunohistochemical study. *J Pathol*, 1992, 168, 35-40
- 552.Terada N, Yamane T, Matsumoto K, Asai H, Kitamura Y. Estrogen-induced increase in eosinophil number and peroxidase activity in uterus of genetically mast cell-deficient W/Wv mice. *Biol Reprod*, 1985, 33, 899-901
- 553.Terada N, Yamane T, Ogasawara Y, Matsumoto K, Kitamura Y. Age-dependent change in sensitivity of oestrogen-induced uterine cell proliferation of mice, estimated by incorporation of [125 I]iododeoxyuridine. *J Steroid Biochem*, 1985, 23, 1037-1041
- 554.Terada N, Yamamoto R, Yamamoto T, Nishizawa Y, Taniguchi H, Terakawa N, Kitamura Y, Matsumoto K. Effect of dexamethasone on uterine cell death. *J Steroid Biochem Mol Biol*, 1991, 38, 111-115
- 555.Tessier C, Fayard JM, Cohen H, Pageaux JF, Lagarde M, Laugier C. Docosahexaenoic acid is a potent inhibitor of rat uterine stromal cell proliferation. *Biochem Biophys Res Commun*, 1995, 207, 1015-1021
- 556.Thakur MK, Kaur J. Methylation of DNA and its modulation by estrogen in the uterus of aging rats. *Cell Mol Biol Noisy le grand*, 1992, 38, 525-532
- 557.Thampan RV. The nuclear binding of estradiol stimulates ribonucleo-protein transport in the rat uterus. *J Biol Chem*, 1985, 260, 5420-5426
- 558.Thampan RV. Estradiol-stimulated nuclear ribonucleoprotein transport in the rat uterus: a molecular basis. *Biochemistry*, 1988, 27, 5019-5026
- 559.Thiard MC, Nicollier M, Mahfoudi A, Adessi GL. Effects of oestrone sulphate, oestradiol and progesterone on protein sulphation in the guinea-pig uterus. *J Reprod Fertil*, 1989, 87, 687-697
- 560.Thiede MA, Harm SC, Hasson DM, Gardner RM. In vivo regulation of parathyroid hormone-related peptide messenger ribonucleic acid in the rat uterus by 17 beta-estradiol. *Endocrinology*, 1991, 128, 2317-2323
- 561.Thraikill KM, Golander A, Underwood LE, Handwerger S. Insulin-like growth factor 1 stimulates the synthesis and release of prolactin from human decidual cells. *Endocrinology*, 1988, 123, 2930-2934
- 562.Tolino A, DiSerio C, Borruto CG, Tartaglia E, Riccio S. Ruolo della prolattina nelle lesioni endometriali. *Minerva Ginecol*, 1991, 43, 495-497
- 563.Toth M, Hertelendy F. Effect of estradiol and progesterone on the rate of incorporation of radiolabeled arachidonate into phospholipids and triglycerides of the rat uterus. *J Steroid Biochem*, 1986, 24, 1185-1191
- 564.Toth M, Hertelendy F. Differential effect of progesterone on the labeling of phosphatidylinositol with [3 H]inositol and phosphate in the uterus of the estrogen-treated ovariectomized rat. *J Steroid Biochem*, 1987, 28, 629-635
- 565.Tozawa H. The role of prolactin on sexual maturation of female rat. *Nippon Sanka Fujinka Gakkai Zasshi*, 1993, 45, 1015-1022
- 566.Tripathi G. Antagonistic effects of estradiol dipropionate and progesterone on the histology of the vagina and uterus of the mouse. *J Exp Zool*, 1984, 232, 151-155
- 567.Usuki S. Effects of tokishakuyakusan, keishibukuryogan and unkeito on DNA polymerase alpha activity in uteri of pregnant mare's serum gonadotropin-treated immature rats. *Am J Chin Med*, 1992, 20, 75-82
- 568.Valcavi R, Harris PE, Foord SM, Dieguez C, Evans PJ, Hall R, Scanlon MF. The influence of oestrogens on the sensitivity of PRL, TSH and LH to the inhibitory actions of dopamine in hyperprolactinemic patients. *Clin Endocrinol*, 1985, 23, 139-146
- 569.Valette G, Benassayag C, Christeff N, Clerc F, Nunez EA. Non-esterified fatty acids and alpha 1-fetoprotein are the modulators of uterine binding of estrogens during development in the rat. *Dev Pharmacol Ther*, 1984, 7 Suppl, 30-37
- 570.Vamvakopoulos NC, Chrousos GP. Evidence of direct estrogenic regulation of human corticotropin-releasing hormone gene expression. Potential implications for the sexual dimorphism of the stress response and immune inflammatory reaction. *J Clin Invest*, 1993, 92, 1896-1902
- 571.Verhage HG, Jaffe RC. Regulation of estradiol and progesterone receptor concentrations in cat uteri following chronic progesterone administration. *J Steroid Biochem*, 1986, 24, 587-590
- 572.Vertes Z, Ordog T, Vertes M, Kovacs S. Changes of [3 H]naloxone binding in oestrogen stimulated rat uterus. *J Steroid Biochem Mol Biol*, 1993, 46, 819-825
- 573.Vijayan E, Jayashree J. Prolactin suppression during pre and post-implantation periods on rat uterine glucosamine synthase activity. *Indian J Exp Biol*, 1993, 31, 386-388
- 574.Vollmer G, Kniewe M, Meyn U, Tuchel L, Arnholdt H, Knuppen R. Spatial and molecular aspects of estrogen and progesterone receptor expression in human uteri and uterine carcinomas. *J Steroid Biochem*, 1990, 36, 43-55
- 575.Vrontakis M, Schroeder I, Leite V, Friesen HG. Estrogen regulation and localization of galanin gene expression in the rat uterus. *Biol Reprod*, 1993, 49, 1245-1250

576. Walmer DK, Wrona MA, Hughes CL, Nelson KG. Lactoferrin expression in the mouse reproductive tract during the natural estrous cycle: correlation with circulating estradiol and progesterone. *Endocrinology*, 1992, 131, 1458-1466
577. Walmer DK, Padin CJ, Wrona MA, Healy BE, Bentley RC, Tsao MS, Kohler MF, McLachlan JA, Gray KD. Malignant transformation of the human endometrium is associated with overexpression of lactoferrin messenger RNA and protein. *Cancer Res*, 1995, 55, 1168-1175
578. Walter SD, Birnie SE, Marrett LD, Taylor SM, Reynolds D, Davies J, Drake JJ, Hayes M. The geographic variation of cancer incidence in Ontario. *Am J Public Health*, 1994, 84, 367-376
579. Wasser S K, Sewall G, Soules M R. Psychological stress as a cause of infertility. *Fertil Steril*, 1993, 59, 685 - 689
580. Watanobe H, Takebe K. Involvement of postnatal gonads in the maturation of dopaminergic regulation of prolactin secretion in female rats. *Endocrinology*, 1987, 120, 2212- 2219
581. Waters AP, Wakeling AE, Knowler JT. Tamoxifen-induced changes in the polyribosomes and associated mRNA of rat uterus. *Mol Cell Endocrinol*, 1983, 32, 233-244
582. Wathes DC, Hamon M. Localization of oestradiol, progesterone and oxytocin receptors in the uterus during the oestrous cycle and early pregnancy of the ewe. *J Endocrinol*, 1993, 138, 479-492
583. Webb DK, Moulton BC, Khan SA. Estrogen induced expression of the c-jun protooncogene in the immature and mature rat uterus. *Biochem Biophys Res Commun*, 1990, 168, 721-726
584. Webb DK, Moulton BC, Khan SA. Estrogen induces expression of c-jun and jun-B protooncogenes in specific rat uterine cells. *Endocrinology*, 1993, 133, 20-28
585. Whelly SM, Barker KL. Inhibition of the aminoacylation of selected tRNA molecules by an estrogen-regulated factor on uterine ribosomes. Regulation of aminoacylation of tRNA by estrogens. *Eur J Biochem*, 1985, 146, 245-253
586. Whelly SM. Estradiol regulation of uterine nucleolar estradiol binding sites. *Biochim Biophys Acta*, 1986, 880, 179-188
587. Wilson L Jr, Huang LS. Temporal response of uterine prostaglandins to estradiol treatment in the ovariectomized-pregnant rat. *Prostaglandins* 1984, 28, 103-110
588. Winterhager E, Mulholland J, Glasser SR. Morphological and immunohistochemical differentiation patterns of rabbit uterine epithelium in vitro. *Anat Embryol Berl*, 1994, 189, 71-79
589. Wiqvist I, Linde A. Hormonal influence on glycosaminoglycan synthesis in uterine connective tissue of term pregnant women. *Hum Reprod*, 1987, 2, 177-182
590. Wood G, De M, Sanford T. Estrogen and progesterone induce interleukin-1 (IL-1): reproductive events may be controlled by inflammatory cytokines. *J Cell Biol*, 1990, 111, 346
591. Wood G W, DeMamata ST, De M, Sanford T. Production of interleukin-1, interleukin-6 and tumor necrosis factor alpha in response to estrogen and progesterone during the periimplantation period of pregnancy / Abstr Keystone Symp Mol and Cell Biol, Jan 25 - Feb 8, 1992. *J Cell Biochem*, 1992, 16B, Suppl, 291
592. Woolley DE, Hope WG, Thompson-Reece MA, Gietzen DW, Conway SB. Dopaminergic stimulation of estrogen receptor binding in vivo: A reexamination. *Res Progr Horm Res*, 1994, 49, 383-392
593. Wu WX, Brooks J, Millar MR, Ledger WL, Glasier AF, McNeilly AS. Immunolocalization of oestrogen and progesterone receptors in the human decidua in relation to prolactin production. *Hum Reprod*, 1993, 8, 1129-1135
594. Yallampalli C, Rajaraman S, Nagamani M. Insulin-like growth factor binding proteins in the rat uterus and their regulation by oestradiol and growth hormone. *J Reprod Fertil*, 1993, 97, 501-505
595. Yallampalli C, Byam-Smith M, Nelson SO, Garfield RE. Steroid hormones modulate the production of nitric oxide and cGMP in the rat uterus. *Endocrinology*, 1994, 134, 1971-1974
596. Yamashita S, Ohno Y, Watanabe Y, Fujimoto Y, Koishi K, Kawashima M, Itoh R, Okada H. Immunohistochemical determination of endometrial progesterone receptor (PR) content after intrauterine infusion of danazol in rabbits. *Nippon Naibunpi Gakkai Zasshi*, 1993, 69, 1044-1050
597. Yamashita S. Intranuclear localization of hormone-occupied and -unoccupied estrogen receptors in the mouse uterus: application of 1 nm immunogold-silver enhancement procedure to ultrathin frozen sections. *J Electron Microsc Tokyo*, 1995, 44, 22-29
598. Yang LS, Marshall A, Koide SS. Differential effect of estrogen on the production of cyclin B1, cdc2 p34 and c-fos protein in rat uterus. *Endocr Res*, 1994, 20, 377-386
599. Yang X, Dale EC, Diaz J, Shyamala G. Estrogen dependent expression of heat shock transcription factor: implications for uterine synthesis of heat shock proteins. *J Steroid Biochem Mol Biol*, 1995, 52, 415-419
600. Yoshida T, Shinyashiki K, Noda K. Calmodulin concentration in the uterus during pregnancy and influence of sex steroids. *Tohoku J Exp Med*, 1985, 145, 381-385
601. Yoshida A, Harada T, Hayashi S, Mori I, Miyajima H, Maita K. Endometrial carcinogenesis induced by concurrent oral administration of ethylenethiourea and sodium nitrite in mice. *Carcinogenesis*, 1994, 15, 2311-2318
602. Young KH, Bazer FW, Simpkins JW, Roberts RM. Effects of early pregnancy and acute 17 beta-estradiol administration on porcine uterine secretion, cyclic nucleotides, and catecholamines. *Endocrinology*, 1987, 120, 254-263
603. Young KH, Kraeling RR, Bazer FW. Effect of pregnancy and exogenous ovarian steroids on endometrial prolactin receptor ontogeny and uterine secretory response in pigs. *Biol Reprod*, 1990, 43, 592-599

604. Young AJ, Barker KL. Effect of estradiol and progesterone on long chain fatty acyl-coenzyme A levels in the rat uterus. *Biochim Biophys Acta*, 1991, 1092, 211-217
605. Yu C C-W, Woods AL, Levison DA. The assessment of cellular proliferation by immunohistochemistry: a review of currently available methods and their applications. *Histochem J*, 1992, 24, 121-131
606. Zaino RJ, Clarke CL, Feil PD, Satyaswaroop PG. Differential distribution of estrogen and progesterone receptors in rabbit uterus detected by dual immunofluorescence. *Endocrinology*, 1989, 125, 2728-2734
607. Zamorano P, Steinsapir J, Mahesh VB. Effect of 5 alpha-dihydrotestosterone and dexamethasone on estrogen receptors of the anterior pituitary and uterus. *Steroids*, 1992, 57, 18-26
608. Zhang J, Weston PG, Hixon JE. Role of progesterone and oestradiol in the regulation of uterine oxytocin receptors in ewes. *J Reprod Fertil*, 1992, 94, 395-404
609. Zhang Z, Funk C, Roy D, Glasser S, Mulholland J. Heparin-binding epidermal growth factor-like growth factor is differentially regulated by progesterone and estradiol in rat uterine epithelial and stromal cells. *Endocrinology*, 1994, 134, 1089-1094
610. Zheng Y, Zhou ZZ, Lyttle CR, Teuscher C. Immunohistochemical characterization of the estrogen-stimulated leukocyte influx the immature rat uterus. *J Leukoc Biol*, 1988, 44, 27-32
611. Zheng Y, Sundstrom SA, Lyttle CR, Teuscher C. Differential expression of estrogen-regulated CD4 and Ia positive cells in the immature rat uterus. *J Leukoc Biol*, 1989, 46, 493-496
612. Zhou Y, Chorich LP, Mahesh VB, Ogle TF. Regulation of estrogen receptor protein and messenger ribonucleic acid by estradiol and progesterone in rat uterus. *J Steroid Biochem Mol Biol*, 1993, 46, 687-698
613. Zhou JL, Brodie A. The effect of aromatase inhibitor 4-hydroxyandrostenedione on steroid receptors in hormone-dependent tissues of the rat. *J Steroid Biochem Mol Biol*, 1995, 52, 71-76
614. Zhu BT, Liehr JG. Inhibition of the catechol-O-methyltransferase-catalyzed O-methylation of 2- and 4-hydroxyestradiol by catecholamine: implications for the mechanism of estrogen-induced carcinogenesis. *Arch Biochem Biophys*, 1993, 304, 248-256
615. Zhu HH, Huang JR, Mazella J, Rosenberg M, Tseng L. Differential effects of progestin and relaxin on the synthesis and secretion of immunoreactive prolactin in long term culture of human endometrial stromal cells. *J Clin Endocrinol Metab*, 1990, 71, 889-899
616. Ziecik AJ, Jedlinska M, Rzucidlo SJ. Effect of estradiol and progesterone on myometrial LH/hCG receptors in pigs. *Acta Endocrinol Copenh*, 1992, 127, 185-188
617. Ziecik AJ, Derecka Reszka K, Rzucidlo SJ. Extranodal gonadotropin receptors, their distribution and function. *J Physiol Pharmacol*, 1992, 43, Suppl 1, 33-49

<http://counter.rambler.ru/top100.cnt?46707>

[http://counter.rambler.ru/top100.cnt?46707 \[11.10.2001 22:03:42\]](http://counter.rambler.ru/top100.cnt?46707 [11.10.2001 22:03:42])