



干细胞与生殖生物学国家重点实验室

State Key Laboratory of Stem Cell and Reproductive Biology

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2005年发表论文：共计66篇

序号	论 著 名 称	论文(刊物、出版社)名称/IP	作 者	年、卷、期、页
1	Differential regulation of Era and Erb in primate mammary gland	Journal of Clinical Endocrinology & Metabolism (第3作者单位) 5.778	Guojun Cheng, Yan Li, Yoko Omoto, Yanling Wang, Tove Berg, Magnus Nord, Pirkko Vihko, Margaret Warner, Yun-Shang Piao and Jan-Ake Gustafsson	2005, 90(1): 435-444
2	Homologous Feeder Cells Support Undifferentiated Growth and Pluripotency in Monkey Embryonic Stem Cells.	Stem cells (第5作者单位) (共同通讯作者) 5.5	Li T, Wang S, Xie Y, Lu Y, Zhang X, Wang L, Yang S, Wolf D, Zhou Q, Ji W	2005, 23(8): 1192-1199
3	Transplantable Neural Progenitor Populations Derived from Rhesus Monkey Embryonic Stem Cells.	Stem Cells (第6作者单位) (共同通讯作者) 5.5	Li T, Zheng J, Xie Y, Wang S, Zhang X, Li J, Jin L, Ma Y, Wolf DP, Zhou Q, Ji W	2005, 23(8): 1295 – 1303
4	Activation of Akt (PKB) and suppression of FKHL1 in mouse and rat oocytes by stem cell factor during follicular activation and development	Developmental Biology (第5作者单位) 5.432	Reddy P, Shen L, Ren C, Boman K, Lundin E, Ottander U, Lindgren P, Liu YX, Sun QY, Liu K	2005, 281: 160-170
5	cAMP-dependent activation of MAPK in cumulus cells is essential for germinal vesicle breakdown of porcine cumulus-enclosed oocytes	Endocrinology 5.151	Cheng-Guang Liang, Li-Jun Huo, Zhi-Sheng Zhong, Da-Yuan Chen, Heide-Schatten, Qing-Yuan Sun *	2005, 146: 4437-4444
6	Function of donor cell	Experimental Cell	Zhong ZS, Zhang G, Meng	2005, 306: 35-

	centrosome in intraspecies and interspecies nuclear transfer embryos	Research 4.007	XQ, Zhang YL, Chen DY, Schatten H, Sun QY*	46
7	Atrial natriuretic peptide inhibits the actions of FSH and forskolin in meiotic maturation of pig oocytes via different signaling pathways	Journal of Molecular Endocrinology (第2作者单位) 3.855	Zhang M, Tao Y, Zhou B, Xie H, Wang F, Lei L, Huo LJ, Sun QY and Xia G	2005, 34: 459-472.
8	Localization of Mitotic Arrest Deficient 1 (MAD1) in mouse oocytes during the first meiosis and its functions as a spindle checkpoint protein	Biology of Reproduction 3.55	Zhang D, Li M, Ma W, Hou Y, Li YH, Li SW, Sun QY, Wang WH	2005, 72: 58-68
9	Reduced expression of MAD2, Bcl-2, and MAP kinase activity in pig oocytes after in vitro aging are associated with defects in sister chromatid segregation during meiosis II and embryo fragmentation after activation	Biology of Reproduction 3.55	Ma W, Zhang D, Hou Y, Li YH, Sun QY, Sun XF, Wang WH.	2005, 72: 373-393
10	A model for implantation: Coculture of blastocysts and Uterine endometrium in mice	Biology of Reproduction (第3作者单位) 3.55	Yi Tan*, Dong-mei Tan, Ming-zhong He, Mei-li Gu, Zhi-biaoWang, Guo-qing Zeng, En-kui Duan	2005, 72: 556-561
11	Inhibition of the beta-catenin signaling pathway in blastocyst and uterus during the window of implantation in mice	Biology of Reproduction 3.55	Jing-Li, Jian-V. Zhang, Yu-Jiang Cao, Jia-xi Zhou, Wei-min Liu, Xiu-jun Fan, En-kui Duan	2005, 72: 700-706
12	Spatio-temporal expression of matrix metalloproteinase-26 in human placental trophoblasts and fetal red cells during normal placentation	Biology of Reproduction 3.55	Wei Qiu, Su-Xia Bai, Mei-rong Zhao, Xiao-qiu Wu, Yun-Ge Zhao, Qing-Xiang Amy Sang, Yan-Ling Wang	2005, 72: 954-959
13	Inhibiting uterine PC6 blocks embryo	Biology of Reproduction (第2作者单位) 3.55	Guiying Nie*, Ying Li, Min Wang, Yixun Liu, Jock K.	2005, 72: 1029-1036

	implantation: an obligatory role for a proprotein convertase in fertility	者单位) 3.55	Findlay, and Lois A. Salamonsen	
14	Generation and characterization of pluripotent stem cells from cloned bovine embryos	Biology of Reproduction 3.55	Li Wang, En-kui Duan, Li-ying Sung, Byeong-seon Jeong, Xiang-zhong Yang, X.-cindy Tian*	2005, 73: 149-155
15	Effect on expression of RT1-B and RT1-DM molecules treatment with interferon gamma at the maternal –fetal interface of pregnant rat	Human Reproduction 3.365	Quan-Hong Sun, Jing-Pian Peng*, Hong-Fei Xia, Ying Yang, Mei-Ling Liu	2005, 20(9): 2639-2647
16	Activation of the p38 MAPK pathway by follicle-stimulating hormone regulates steroidogenesis in granulose cells differentially	Journal of Endocrinology 3.319	Fu-Qing Yu, Chun-Sheng Han, Wei Yang, Xuan Jin, Zhao-Yuan Hu, and Yi-Xun Liu*	2005, 186: 85-96
17	Role of ERK1/2 in FSH-induced PCNA expression and steroidogenesis in granulose cells	Frontiers in Bioscience 3.226	Fu-Qing Yu, Chun-Sheng Han, Wei Yang, Xuan Jin, Zhao-Yuan Hu, and Yi-Xun Liu*	2005, 10: 896-904
18	Stem cell factor modulates the expression of steroidogenesis related protein and FSHR during follicular development	Frontiers in Bioscience 3.226	Xuan Jin, Chun-Sheng Han, Xue-Seng Zhang, Fu-Qing Yu, Su-Hua Guo, Zhao-Yuan Hu, and Yi-Xun Liu*	2005, 10: 1573-1580
19	Expression and regulation of endothelial and inducible nitric oxide synthases in mouse uterus during the estrous cycle and early pregnancy	Frontiers in Bioscience 3.226	X.Zhang, H.Y.Lin, G.Y Liu, H.M.Wang, Q.L.Li, Cheng Zhu	2005, 10: 3172-3182
20	Expression of HSP105 during germ cell apoptosis in the heat-treated testes of adult cynomolgus monkeys (macaca fascicularis)	Frontiers in Bioscience 3.226	Xue-Seng Zhang, Yah-He Lue, Shu-Hua Guo, Jin-Xiang Yuan, Zhao-Yuan Hu, Chun-Sheng Han, Amiya P. Sinha HIKIM, Ronald S. Swerdloff, Christina Wang, and Yi-Xun Liu*	2005, 10: 3110-3121

21	DNA hypomethylation of individual sequences in aborted cloned bovine fetuses	Frontiers in Bioscience 3.226	Chen T, Jiang Y, Zhang YL, Liu JH, Hou Y, Schatten H, Chen DY, Sun QY*	2005, 10 : 3002-3008
22	IFN-gamma and TNF-alpha inhibit expression of TGF-beta-1, its receptors TBETAR-I and TBETAR-II in the corpus luteum of PMSG/HCG treated rhesus monkey	Frontiers in Bioscience 3.226	Hong-Juan Gao, Xin-Lei Chen, Zhi-Hong Zhang, Xin-Xin Song, Zhao-Yuan Hu, and Yi-Xun Liu*	2005, 10: 2496-2503
23	The beta subunit of mouse chorionic gonadotropin (muCGb) produced by tumor cells elicits the switch of T-cell immunity . response from TH2 to TH1 in mice immunized with genetic vaccine based on rhesus monkey homologous CGb	The Journal of Gene Medicine 3.224	Shu-Qun Shi, Jing-Pian Peng *, Li Xu, Ying Yang, yun Chen	2005, 7: 87-96
24	Oral feeding and nasal instillation immunization with microtus branditi lactate dehydrogenase C epitope DNA vaccine reduce fertility in mice via the specific antibodies responses	Fertility and Sterility 3.17	Shu-Qun Shi, Wang Jin-ling, Jing-Pian Peng*, Jian-Jun Chang, Ying Yang	2005, 84: 781-784
25	Expression of adamalysin 19/ADAM19 in the endometrium and placenta of rhesus monkey (macaca mulatto) during early pregnancy	Molecular Human Reproduction 3.072	Hong-Xing Wang, Yun-Ge Zhao, Hong-Mei Wang, Qing Yang, Hai-Yan Lin, Qing-Xiang Amy Sang, Cheng Zhu	2005, 11: 429-435
26	Signal transduction of stem cell factor in promoting early follicle development	Molecular and Cellular Endocrinology 2.626	Xuan Jin, Chun-Sheng Han, Xue-Seng Zhang, Jin-xiang Yuan, Zhao-Yuan Hu, and Yi-Xun Liu*	2005, 229: 3-10
27	Allatotropin regulation of juvenile hormone synthesis by the corpora allata from the lubber grasshopper Ramalea microptera	Peptides (第2作者单位) 2.511	Li S, OuYang YC, Ostrowski E, Borst DW	2005, 26: 63-72

28	Effect of MAP kinase pathway and other factors on meiosis of <i>Urechis unicinctus</i> Eggs	Molecular Reproduction and Development (第3作者单位) 2.331	Tan X, Wang YC, Sun QY, Peng A, Chen DY, Tang YZ	2005, 71: 67-76
29	Small GTPase RhoA is required for ooplasmic segregation, spindle rotation, but not for spindle organization and chromosome separation during mouse oocyte maturation, fertilization, and early cleavage	Molecular Reproduction and Development 2.331	Zhi-Sheng Zhong, Li-Jun Huo, Cheng-Guang Liang, Da-Yuan Chen, and Qing-Yuan Sun	2005, 71: 256-261
30	Fas, FasL, Bcl-2, and Bax in the endometrium of rhesus monkey during the estrual cycle	Molecular Reproduction and Development 2.331	Peng Wei, Yin-xun Liu	2005, 70: 478-484
31	Full-term development of mouse eggs transplanted with male pronuclei derived from round spermatids: The effect of synchronization between male and female pronucleus on embryonic development	Molecular Reproduction and Development 2.331	Jiang MX, Lei ZL, Ouyang YC, Zhu ZY, Zheng YL, Sun QY, Chen DY*	2005, 71: 439-443
32	Parthenogenetic and nuclear transfer rabbit embryo development and apoptosis after activation treatments. Molecular	Reproduction and Development 2.331	Liu SZ, Jiang MX, Yan LY, Jiang Y, Ouyang YC, Sun QY, Chen DY*	2005, 72: 48-53
33	Effects of cooling, cryopreservation and heating on sperm proteins, nuclear DNA, and fertilization capability in mouse	Reproduction and Development 2.331	Jiang MX, Zhu Y, Zhu ZY, Sun QY, Chen DY *	2005, 72: 129-134
34	Active demethylation of individual genes in intracytoplasmic sperm injection rabbit embryos.	Molecular Reproduction and Development 2.331	Zhang YL, Chen T, Jiang Y, Zhong ZS, Liu SZ, Hou Y, Schatten H, Chen DY, Sun QY*	2005, 72: 530-533.
35	Dynamic expression of	Reproduction 2.181	Bai SX, Wang YL*, Qin L,	2005, 129: 103-

	matrix metalloproteinases (MMP-2, -9 and -14) and the tissue inhibitors of MMPs (TIMP-1, -2 and -3) at the implantation site during tubal pregnancy		Xiao ZJ, Herva R and Piao YS*	113
36	Translocation of phospho-PKCs implies their roles in meiotic spindle organization, polar body emission and nuclear activity in mouse eggs	Reproduction 2.181	Zhen-yu Zheng, Qing-Zhang Li, Da-Yuan Chen, Heide Schatten, and Qing-Yuan Sun*	2005, 129: 229-234
37	Inducible nitric oxide synthase-derived nitric oxide regulates germinal vesicle breakdown and first polar body emission in mouse oocyte	Reproduction 2.181	Li-Jun Huo, Cheng-Guang Liang, Ling-Zhu Yu, Zhi-Sheng Zhong, Zeng-Ming Yang, Heng-Yu Fan, Da-Yuan Chen, Heide-Schatten, Qing-Yuan Sun *	2005. 129: 403-409.
38	Extracellular Ca ²⁺ -sensing receptor expression and hormonal regulation in rat uterus during the peri-implantation period	Reproduction 2.181	Li-juan Xiao, Jin-xiang Yuan, Yin-chuan Li, Rui Wang, Zhao-yuan Hu, Yi-xun Liu	2005, 129: 779-788
39	Cell cycle-dependent localization and possible roles of small GTPase Ran in mouse oocyte maturation, fertilization and early cleavage.	Reproduction 2.181	Yun-Kao Cao, Zhi-Sheng Zhong, Da-Yuan Chen, Gui-Xue Zhang, Heide Schatten, & Qing-Yuan Sun *	2005, 130: 431-440
40	Apoptosis in rabbit embryos produced by fertilization or nuclear transfer with fibroblasts and cumulus cells	Reproduction 2.181	Liu SZ, Yao LJ, Jiang MX, Lei ZL, Zhang YL, Sun QY, Zheng YL, Song XF, Chen DY*	2005, 130: 359-366
41	Expression of matrix metalloproteinase-26 (MMP-26) mRNA in mouse uterus during the estrous cycle and early pregnancy	Life Sciences 2.158	Guoyi Liu, Xuan Zhang, Haiyan Lin, Qinglei Li, Hongmei Wang, Jiang Ni, Qing-xiang Amy Sang, Cheng Zhu	2005, 77: 3355-3365
42	The significance of mitochondria for embryo development in cloned farm animals	Mitochondrion (第3作者单位) 1.537	Schatten H, Prather RS, Sun QY.	2005, 5: 303-321

43	Involvement of molecules related to angiogenesis, proteolysis and apoptosis in implantation in rhesus monkey and mouse	Contraception 1.488	Yi-xun Liu*, Fei Gao, Peng Wei, Xin-lei Chen, Hong-Juan Gao, Ru-Jin Zou, Li-Juan Siao, Fu-hua Xu, Kui Liu, Zhao-yuan Hu	2005, 71: 249-262
44	Characterization of Aurora-A in porcine oocytes and embryos implies its functional roles in regulation of meiotic maturation, fertilization and cleavage	Zygote 1.045	Li-Juan Yao, Qing-Yuan Sun*	2005. 13: 23-30
45	Transplantation of male pronucleus derived from in vitro fertilization of enucleated oocyte into parthenogenetically activated oocytes results in live offspring in mouse	Zygote 1.045	Kong FY, Sun QY, Chen DY *	2005, 13: 35-38
46	Cell cycle dependent subcellular localization of cyclin B1, phosphorylated cyclin B1 and p34cdc2 during oocyte meiotic maturation and fertilization in mouse	Zygote 1.045	Li-Jun Huo, Ling-Zhu Yu, Cheng-Guang Liang, Heng-Yu Fan, Da-Yuan Chen, and Qing-Yuan Sun*	2005,13: 45-53.
47	Production of mouse by inter-strain inner cell mass replacement	Zygote 1.045	Zheng YL, Sun QY, Chen DY *	2005, 13: 73-77
48	Participation of the ubiquitin proteasome pathway in rat oocyte activation	Zygote (第2作者单位) 1.045	Tan X, Peng A, Wang YC, Wang Y, Sun QY.	2005, 13: 87-95
49	Transplantation of somatic nuclei into oocyte cytoplasm reveals that the chromosome properties determine the chromosome separation fate in rabbit	Zygote 1.045	Zhang LS, Yao LJ, Jiang MX, Lei ZL, Sun QY, Chen DY*	2005, 13: 109-114
50	Effects of oocyte collection time and injection position	Zygote 1.045	Jiang MX, Zheng YL, Liu SZ, Yang CX, Zhang LS,	2005, 13: 249-253

	on pronucleus formation and blastocyst development in round spermatid injection in mouse		Ouyang YC, Sun QY, Chen DY*	
51	In vitro culture and mtDNA fate of ibex-rabbit nuclear transfer embryos	Zygote 1.045	Jiang Y, Chen T, Nan CL, Ouyang YC, Sun QY, Chen DY*	2005, 13: 233-240
52	The molecular mechanism of embryonic stem cell pluri-potency maintenance	Chinese Science Bulletin 0.683	Qingzhong wang, Chunsheng Han*	2005, 50(1): 1-11
53	Infection of SARS-CoV on juvenile and adult Brandt's vole <i>Microtus brandtii</i>	Chinese Science Bulletin 0.683	Gao Hong, Peng JingPian, Deng Wei, Shi Dazhao, BaoLinlin, Wang Dehua, Zhang Binglin Qin Chuan & Zhang Zhibi	2005, 50(12): 1199-1204
54	Matrix metalloproteinases (MMPs) and trophoblast invasion	Chinese Science Bulletin 0.683	Li Jing, Zhao Tian-fu, En-kui Duan	2005, 50(12): 1169-1173
55	Control of spermatogenesis in primate and prospect of male contraception	Archives of Andrology 0.647	Yi-xun Liu	2005, 51: 77-92
56	Hybrid embryos produced by transferring panda or cat somatic nuclei into rabbit MII oocytes can develop to blastocyst in vitro	Journal of Experimental Zoology 0.588	Wen DC, Bi CM, Xu Y, Yang CX, Zhu ZY, Sun QY, Chen DY*	2005, 303A: 689-697
57	Expression of S100A10 gene and its regulation by sex hormones in mouse uterus	Progress in Natural Science 0.485	Zhi-qiang Chen, Jing Liu, Fei-xue Li, Xiao-yang Sun, Huai-yun Zhang and Yan-ling Wang*	2005, 15(10): 902-907
58	Comparative study on the effect of integrin $\alpha\beta 3$ on secretion of matrix metalloproteinases in human normal and carcinoma trophoblasts	Progress in Natural Science 0.485	Su-xia Bai, Ya-yuan Fu, Gang Kong, Yan-ling Wang*	2005, 15(11): 982-987
59	植入前期与分娩前期子宫差别表	生物化学与生物物理进展	孙敬, 陈宏, 杨颖	2005, 32(2):

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60	妊娠大鼠子宫和胎盘TGF-b1 的表达及IFNg对其表达的影响	生物化学与生物物理进展 0.222	刘美玲, 彭景梗* 孙泉红, 杨颖, 夏红飞	2005, 32(5): 413-420
61	MMP - 26 在人正常胎盘滋养层细胞中的表达及激活素A对其表达的调节	生物化学与生物物理进展 0.222	仇巍, 赵亮, 柏素霞, Qing-xiang Amy Sang, 王雁玲*王雁玲*	2005, 32(1): 25-30
62	基因组印记对个体发育及动物克隆的影响	遗传学报	侯晓军, 焦丽红, 陈 新, 王 柳*	2005,32(5): 550-554
63	小鼠四倍体半克隆胚胎发育的研究	科技导报	丁陈辉, 焦丽红, 陈欣洁, 王二耀, 赵春丽, 侯晓军, 李雪梅, 王 柳*	2005,23 (8) : 56-59
64	恒河猴植入位点差异基因筛选级蛋白激酶H11的克隆	自然科学进展	李斐雪, 孙晓阳, 王雁玲*	2005,15:53-60
65	蛋白激酶H11基因在小鼠子宫中的表达及其受性激素的调节	动物学报	陈志强, 李斐雪, 刘璟, 章怀云, 王雁玲	2005, 51(3): 462-468
66	大足鼠耳蝠冬眠期储存精子	自然科学进展	王喆, 张树义, 李斐雪, 马杰, 梁冰, 王雁玲*	2005,15 (8) : 1011 - 1014

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