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CURRICULUM VITAE

PERSONAL HISTORY:

Business address: Division of Endocrinology
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EDUCATION and TRAINING:

Shandong Jining Medical College, Jining, Shandong, P.R.China
Medicine, 1984

Shandong University School of Medicine, Jinan, Shandong, P.R.China
Master of Medicine (Surgery), 1989

Shandong University School of Medicine, Jinan, Shandong, P.R.China
Doctor of Medicine (Urology), 1993

Harbor-UCLA Medical Center, Torrance, CA
Fellowship in Endocrinology, 1998

PROFESSIONAL EXPERIENCE:

Present Position: Associate Research Professor, David Geffen School of
Medicine at UCLA, Harbor-UCLA Medical Center, Torrance, CA 2004-present

Previous Position: Assistant Research Professor, David Geffen School of
Medicine at UCLA, Harbor-UCLA Medical Center, Torrance, CA 2001-2004

Previous Position: Research Associate 1998-2000
Harbor-UCLA Medical Center, Torrance, CA

Previous Position: Assistant Professor in Urology 1993-1995
Shandong Institute of Family Planning, Jinan, P.R.China

PROFESSIONAL ACTIVITIES:

Active Member of the American Society of Andrology, 1998-
Active Member of the American Endocrine Society, 2003-
Member of American Federation for Medical Research, 2003-

HONORS AND SPECIAL AWARDS:

1. Student Merit Award of the American Society of Andrology, 1998
2. Student Merit Award of the American Society of Andrology, 1997
3. National Scientific Progressive Award of China (level III), 1995.

LECTURES AND PRESENTATIONS:

1. Phenotypic Manifestation of XXY mice. Basic Science Meeting at The Laboratory of Neuroendocrinology at UCLA. February 20th, 2004
2. Development and analysis of a mouse model for Klinefelter syndrome 2005 The 8th International Congress of Andrology, Seoul, Korea
3. XXY mice exhibit gonadal and behavioral phenotypes similar to men with klinefelter's syndrome. Basic Science Conference at Harbor-UCLA, August 16, 2005
4. The Experimental Mouse Model for Men with Klinefelter Syndrome 2007 ECE 9th European Congress of Endocrinology, Budapest, Hungary

Ad Hoc Referee:

Journal of Clinical Endocrinology & Metabolism
Journal of Andrology
Asian Journal of Andrology
Pediatric Research
American Journal of Physiology (Endocrinology and Metabolism)
Human Molecular Genetics
Endocrinology

RESEARCH PAPERS (PEER REVIEWED)

A. Research Papers - Peer Reviewed

1. Wang ZX, Huang ZJ, Lee SP, Gai L, Meng XG, **Lue YH**, Gao JW, Xue SF (1988) Studies in technique of human semen cryopreservation and artificial insemination. *Journal of Andrology* (Chinese) 2:129-134.
2. Wang ZX, Cai TL, **Lue YH** (1988) Conception following AIH with cryopreserved retrograde ejaculate. *Chinese Journal of Urology* 9:214-215.
3. **Lue YH**, Liu SY, Xue CX (1991) Experimental research for separation of human X and Y spermatozoa by bovine serum albumin gradients and Sephadex gel filtration. *Reproduction & Contraception* (Chinese) 11:63-65.

4. Sun YB, Qui Y, Wang ZX, Gao JW, Wang SM, Zang Q, **Lue YH**, Yang DT (1991) Effect of vasectomy on canitine and neutral glucosidase of hamster cauda epididymis plasma: A micropuncture study. *Reproduction & Contraception* (Chinese) 11:23-27.
5. **Lue YH**, Que AM, Huang ZJ, Su QC, Fan YJ (1992) Investigation on the relationship between the clinical classification and the measured size of human vas deferens. *Shandong Medical Journal* (Chinese) 23:7-9.
6. **Lue YH**, Yang FS, Fan YJ, Huang ZJ (1991) Clinical analysis of complications after reversible vas occlusion. *Journal of Andrology* (Chinese) 5:219-221.
7. **Lue YH**, Fan YJ, Wang JQ, Cai Y, Yang FS (1993) Protective seminal vesicle irrigation with antibiotics in reversible vas occlusion. *Journal of Andrology* (Chinese) 7:32-37.
8. Cai Y, Lee SP, **Lue YH**, Wu AH, Zhang Y (1993) Successful AIH with separated human Y sperm. *Chinese Journal of Eugenics and Heredity* 1:75-77.
9. **Lue YH**, Cai Y (1994) Male Infertility. *The Chinese Intermediate Medical Journal* 29:5-8.
10. **Lue YH**, Qiu AM, Cai Y, Huang ZJ, Liu SY (1994) The mechanisms of the reversible injection occlusion of vas deferens. *Journal of Reproductive Medicine* (Chinese) 3:29-31.
11. Wang ZX, **Lue YH**, Gao JW, Yue BW, Yang DT, Fan YJ, Sun HQ, Zhang Q. (1994) Prospective research in efficacy and safety of reversible injection vas occlusion. *Reproduction & Contraception* (Chinese) 14:198-201.
12. Liu SY, Wang ZX, **Lue YH**, Cheng JY, Huang ZJ, Gao JW, Cai Y, Tian KW. (1994) Studies on pathogenesis and prophylaxis of postvasectomy epididymal stasis syndrome. *Reproduction & Contraception* (Chinese) 14:384-388.
13. Huang ZJ, **Lue YH**, Fan YJ, Cai Y, Hu YZ, Lu ZH. (1994) Clinical studies on vas occlusion with Bismuth Polyurethane. *Chinese Journal of Family Planning* 2:286-287.
14. **Lue YH**, Liu SY, Wang ZX, Cai Y, Cheng JY, Huang ZJ. (1995) Studies of pathogenesis, diagnosis and treatment of postvasectomy epididymal stasis syndrome. *Journal of Reproductive Medicine* (Chinese) 4:39-43.
15. Cai Y, Gao H, **Lue YH**, Zang Y, Lee SP. (1995) Clinical study on parental identification with HLA-DQ α genotype analysis with PCR-ASO probe dot-blot. *Journal of Reproductive Medicine* (Chinese) 4:240-241.
16. Zao B, **Lue YH**, Wang GB (1996) The initial study of postvasectomy epididymal stasis syndrome with MRI. *Chinese Journal of Radiology* 30:737-740.
17. **Lue YH**, Sinha Hikim AP, Wang C, Bonavera JJ, Baravarian S, Leung A and Swerdloff RS (1997) Early effects of vasectomy on testicular structure, germ cell, and macrophage apoptosis. *J Androl* 18:166-173.
18. Sinha Hikim AP, **Lue YH**, and Swerdloff RS (1997) Separation of germ cell apoptosis from toxin induced cell death by necrosis using in situ end-labeling histochemistry after glutaraldehyde fixation. *Tissue & Cell* 29:487-493.

19. Sinha Hikim AP, Rajavashisth TB, Sinha Hikim I, **Lue YH**, Bonavera JJ, Leung A, Wang C and Swerdloff RS (1997) Quantitative contribution of apoptosis to the temporal and stage-specific loss of germ cells in the adult rat after gonadotropin deprivation. *Biol. Reprod.* 57:1193-1201.
20. Bonavera JJ, Swerdloff RS, Leung A, **Lue YH**, Baravarian S, Superlano L, Sinha Hikim AP, Wang C (1997) In the male Brown-Norway (BN) rat, reproductive aging is associated with decreased LH pulse amplitude and area. *J. Androl* 18:359-365.
21. Sinha Hikim AP, Wang C, **Lue YH**, Wang XH, Swerdloff RS (1998) Spontaneous germ cell apoptosis in human: evidence for ethnic differences in the susceptibility of germ cells to programmed cell death. *J. Clin. Endocrinol. Metab.*, 83:152-156.
22. **Lue YH**, Sinha Hikim AP, Wang C, Leung A, Baravarian S, Reutrakul V, Sangsawan R, Chaichana S, and Swerdloff RS (1998) Triptolide: a potential male antifertility agent *J Androl* 19:479-486.
23. Bonavera JJ, Swerdloff RS, Sinha Hikim AP, **Lue YH**, and Wang C (1998) Aging results in attenuated GnRH-LH axis responsiveness to glutamate receptor agonist NMDA (N-Methyl-D Aspartate). *Neuroendocrinology*, 10:93-99.
24. Wang C, Sinha Hikim AP, **Lue YH**, Leung A, Baravarian S, Swerdloff RS (1999) Reproductive aging in the Brown Norway rat is characterized by accelerated germ cell apoptosis and is not altered by luteinizing hormone replacement. *J Androl* 20:509-518
25. **Lue YH**, Sinha Hikim AP, Swerdloff RS, Im P, Taing KS, Bui T, Leung A and Wang C (1999) Single exposure to heat induces stage-specific germ cell apoptosis in rats: Role of intratesticular testosterone (T) on stage specificity. *Endocrinology* 140:1709-1717.
26. **Lue YH**, Sinha Hikim AP, Wang C, Im M, Leung A and Swerdloff RS (2000) Testicular heat exposure enhances the suppression of spermatogenesis by testosterone in rats: The "two-hit" approach to male contraceptive development. *Endocrinology* 141:1414-1424
27. Sinha Hikim AP, **Lue YH**, Wang C, Reutrakul V, Sangsuwan R, Swerdloff RS (2000) Post-testicular anti-fertility action of Triptolide in the male rat: Evidence for severe impairment of cauda epididymal sperm ultra-structure. *J Androl* 21:431-437
28. Yamamoto CM, Sinha Hikim AP, Huynh PN, Shapiro B, **Lue YH**, Salameh WA, Wang C, Swerdloff RS (2000) Redistribution of Bax is an early step in an apoptotic pathway leading to germ cell death in rats, triggered by mild testicular hyperthermia. *Biol Reprod* 63:1683-1690
29. **Lue YH**, Rao N, Sinha Hikim AP, Im M, Salameh WA, Yen PH, Wang C, Swerdloff RS (2001) XXY male mice: An experimental model for Klinefelter syndrome. *Endocrinology* 142:1461-1470
30. Bardage-Gorce F, French BA, **Lue YH**, Nguyen V, Wan YJ, French SW (2001) Mallory bodies formed in proteasome-depleted hepatocytes: an immunohistochemical study. *Exp Mol Pathol* 70(1):7-8

31. French BA, van Leeuwen F, Riley NE, Yuan QX, Bardag-Gorce F, Gaal K, **Lue YH**, Marceau N, French SW. (2001) Aggresome formation in liver cells in response to different toxic mechanisms: role of the ubiquitin-proteasome pathway and the frameshift mutant of ubiquitin. *Exp Mol Pathol* 71:241-246
32. Yamamoto CM, Sinha Hikim AP, **Lue YH**, Portugal AM, Guo TB, Hsu SY, Salameh WA, Wang C, Hsueh AJW, Swerdloff RS (2001) Impairment of spermatogenesis in transgenic mice with selective overexpression of Bcl-2 in the somatic cell of the testis. *J Androl* 22:981-91
33. Mcphaul LW, Wang J, Hol EM, Sonnemans MAF, Riley N, Nguyen V, Yuan QX, **Lue YH**, Van Leeuwen FW, French SW (2002) Molecular misreading of the ubiquitin B gene and hepatic Mallory body formation. *Gastroenterology* 122:1878-1885
34. Bardog-Gorce F, van Leeuwen FW, Nguyen V, French BA, Li J, Riley N, Mcphaul LW, **Lue YH**, French SW (2002) The role of the ubiquitin-proteasome pathway in the formation of Mallory bodies. *Exp Mol Pathol* 73:75-83
35. Vera Y, Dai T, SinhaHikim AP, **Lue YH**, Salido EC, Swerdloff RS, Yen PH (2002) Deleted in azoospermia associated protein 1 shuttles between nucleus and cytoplasm during normal germ cell maturation. *J Androl* 23:622-628
36. Wang C, Sinha Hikim AP, Ferrini M, Bonavera JJ, Vernet A, **Lue YH**, Gonzales-Cadavid NF, Swerdloff RS (2002) Male reproductive aging: using the Brown Norway rat as a model for man. *Novartis Found Symp.* 242:82-95
37. **Lue YH**, Lasley BL, Laughlin LS, Swerdloff RS, Sinha Hikim AP, Leung A, Overstreet JW and Wang C. (2002) Mild testicular hyperthermia induces profound transitional spermatogenic suppression through increase germ cell apoptosis in adult cynomolgus monkeys (*Macaca Fascicularis*). *J Androl* 23:799-805
38. Riley NE, Bardag-Gorce F, Montgomery RO, Li J, Lungo W, **Lue YH**, French SW (2003) Microtubules are required for cytokeratin aggresome (Mallory body) formation in hepatocytes: an in vitro study. *Exp Mol Pathol* 74:173-179
39. Riley NE, Li J, McPhaul LW, Bardag-Gorce F, **Lue YH**, French SW (2003) Heat shock proteins are present in Mallory bodies (cytokeratin aggresomes) in human liver biopsy specimens. *Exp Mol Pathol* 74:168-172
40. Cai Y, Dai T, Ao Y, Konishi T, Chuang KH, **Lue YH**, Chang C, Wan YJ (2003) Cytochrome P450 genes are differentially expressed in female and male hepatocyte retinoid X receptor alpha-deficient mice. *Endocrinology* 144:2311-2318
41. SinhaHikim AP, **Lue YH**, Diaz-Romero M, Yen PH, Wang C, Swerdloff RS (2003) Deciphering the pathways of germ cell apoptosis in the testis. *J Steroid Mol Biol* 85:175-782
42. SinhaHikim AP, **Lue YH**, Yamamoto CM, Vera Y, Rodriguez S, Yen PH, Soeng K, Wang C, Swerdloff RS (2003) Key Apoptotic Pathways for Heat-induced Programmed Germ Cell Death in the Testis. *Endocrinology* 144:3159-3166

43. **Lue YH**, Sinha Hikim AP, Wang C, Leung A, Swerdloff RS (2003) Functional Role of Inducible Nitric Oxide Synthase in the Induction of Male Germ Cell Apoptosis, Regulation of Sperm Number and Determination of Testes Size: Evidence from null mutant mice. *Endocrinology* 144:3092-3100.
44. Vera Y, Diaz-Romero M, Rodriguez S, **Lue YH**, Wang C, Swerdloff RS, SinhaHikim AP (2004) Mitochondria-Dependent Pathway is Involved in Heat-Induced Male Germ Cell Death: Lessons from Mutant Mice. *Biol Reprod* 70:1534-1540
45. Bardag-Gorce F, Riley NE, Nan L, Montgomery RO, Li J, French BA, **Lue YH**, French SW (2004) The proteasome inhibitor, PS-341, causes cytokeratin aggresome formation. *Exp Mol Pathol* 76:9-16
46. Vera Y, Rodriguez S, Castanares M, **Lue YH**, Atienza V, Wang C, Swerdloff RS, SinhaHikim AP (2005) Functional role of caspases in heat-induced testicular germ cell apoptosis. *Biol Reprod* 72:516-512
47. Zhang XS, **Lue YH**, Guo SH, Yuan JX, Hu ZY, Han CS, Hikim AP, Swerdloff RS, Wang C, Liu YX (2005) Expression of HSP105 and HSP60 during germ cell apoptosis in the heat-treated testes of adult cynomolgus monkeys (*macaca fascicularis*). *Front Biosci* 10:3110-3121
48. **Lue YH**, Jentsch JD, Wang C, Rao RN, Hikim AP, Salameh W, Swerdloff RS (2005) XXY mice exhibit gonadal and behavioral phenotypes similar to Klinefelter syndrome. *Endocrinology* 146:4148-4154
49. Bardag-Gorce F, Francis T, Nan L, Li J, **Lue YH**, French BA, French SW (2005) Modification in P62 occur due to proteasome inhibition in alcoholic liver disease. *Life Sci* 77:2594-2602
50. Hikim AP, Vera Y, Elhag RI, **Lue YH**, Cui YG, Pope V, Leung A, Atienza V, Wang C, Swerdloff RS (2005) Mouse model of male germ cell apoptosis in response to a lack of hormonal stimulation. *Indian J Exp Biol* 43:1048-1057
51. Zhang XS, Yuan JX, Liu T, **Lue YH**, Jin X, Tao SX, Hu ZY, Hikim AP, Swerdloff RS, Wang C, Liu YX (2006) Expression of orphan receptors TR2, TR3, TR4, and p53 in heat-treated testis of cynomolgus monkeys (*Macaca Fascicularis*). *J Androl* 27:405-413
52. Zhang XS, Zhang ZH, Jin X, Wei P, Hu XQ, Chen M, Lu CL, **Lue YH**, Hu ZY, SinhaHikim AP, Swerdloff RS, Wang C, Liu YX (2006) Dedifferentiation of adult monkey Sertoli cells through activation of extracellularly regulated kinase 1/2 induced by heat treatment. *Endocrinology* 147:1237-1245
53. Lacombe A, Lelievre V, Roselli CE, Salameh W, **Lue YH**, Lawson G, Muller JM, Waschek JA, Vilain E (2006) A neuropeptide at the origin of testicular aging? *Med Sci (Paris)* 22:809-811
54. **Lue YH**, Wang C, Liu YX, Hikim AP, Zhang XS, Ng CM, Hu ZY, Li YC, Leung A, Swerdloff RS (2006) Transient testicular warming enhances the suppressive effect of testosterone on spermatogenesis in adult cynomolgus monkeys (*Macaca Fascicularis*). *J Clin Endocrinol Metab* 92:539-545.
55. Vera Y, Erkkila K, Wang C, Nunez C, Kytanen S, **Lue YH**, Dunkel L, Swerdloff RS, SinhaHikim AP (2006) Involvement of p38 mitogen-activated protein kinase and inducible nitric oxide synthase in apoptotic signaling of

- murine and human male germ cells after hormone deprivation. *Mol Endocrinol* 20:1597-1609
56. Lacombe A, Lelievre V, Roselli CE, Salameh W, **Lue YH**, Lawson G, Muller JM, Waschek JA, Vilain E (2006) Delayed testicular aging in pituitary adenylate cyclase-activating peptide (PACAP) null mice. *Proc Natl Acad Sci* 103:3793-3798
 57. **Lue YH**, Erkkila K, Liu PY, Ma K, Wang C, SinhaHikim AP, Swerdloff RS (2007) Fate of bone marrow stem cells transplanted into the testis: Potential implication for men with testicular failure. *Am J Pathol* 170:899-908
 58. Jia Y, Sinha-Hikim AP, **Lue YH**, Swerdloff RS, Vera Y, Zhang XS, Hu ZY, Li YC, Liu YX, Wang C (2007) Signaling pathways for germ cell death in adult cynomolgus monkeys (*Macaca fascicularis*) induced by mild testicular hyperthermia and exogenous testosterone treatment. *Biol Reprod* 77:83-92
 59. Wang C, Cui YG, Wang XH, Jia Y, Sinha Hikim A, **Lue YH**, Tong JS, Qian LX, Sha JH, Zhou ZM, Hull L, Leung A, Swerdloff RS (2007) Transient scrotal hyperthermia and levonorgestrel enhance testosterone-induced spermatogenesis suppression in men through increased germ cell apoptosis. *J Clin Endocrinol Metab* 92:3292-3304

CHAPTERS

1. Swerdloff RS, **Lue YH**, Wang C, Rajavashisth T and Sinha Hikim AP (1997) Hormonal regulation of germ cell apoptosis. In: *Germ cell development, division, disruption and death* (Zirkin, BP, ed), Proceedings of the Serono Symposium, Springer-Verlag, New York, pp 150-164.
2. Sinha Hikim AP, **Lue YH**, Wang C, Swerdloff RS (1999) Spermatogenesis and Germ Cell Death. In: *Male Reproductive Function* (Wang, C. ed) Kluwer Academic Publishers, Norwell, Massachusetts, pp 19-39.
3. **Lue YH**, Wu WL, Zhang LH, Cai Y (1994) The birth control strategy. In: *The Enlightenment from modern medical developmental history* (Liu, W.H. ed) Chinese Medical Science and Technology Publishing House, Beijing, P.R.China. pp 554-571.
4. **Lue YH** (1992) Male Infertility. In: *Birth control in practice* (Zhou, P. ed) Chinese Peasant Publishing House, Zheng Zhou, P.R.China. pp 255-259.
5. Wang C, Sinha Hikim AP, Ferrini M, Bonavera JJ, Vernet D, Leung A, **Lue YH**, Gonzalez-Cadavid NF, Swerdloff RS (2001) Male reproductive aging: using the brown Norway rat a model for man. In: *Norvatis Foundation Symposium NF 242 on Endocrine Facets of Aging in the Human and Experimental Animals* (Veldhuis J, Laron Z, Chadwick D, eds), John Wiley&Sons, Ltd., London.

ABSTRACTS

1. Wang ZX, Cai TL and **Lue YH**. (1988) Conception following AIH with cryoperserved retrograde ejaculate. Program of International Symposium on Frontiers in Reproduction Research: the Role of Growth Factor, Oncogenes, Receptors and Gonadal Polypeptides. July 28-30, Beijing, P.R.China. P 134.
2. **Lue YH**, Qiu AM, Cai Y, Huang ZJ, Liu SY (1992) The study on the amount of occlusive material required for reversible vas occlusion. Program of the First Asian and Oceanic Congress of Andrology. November 9-12, Nanjing, P.R.China. P119.
3. **Lue YH**, Liu SY and Wang ZX. (1995) Studies on pathogenesis and diagnosis and treatment of postvasectomy epididymal stasis syndrome. Program of the Second International Symposium on Fertility Regulation. May 21-25, Beijing, P.R.China. P125
4. Sinha Hikim AP, Garban H, **Lue YH**, Bonavera JJ, Wang C and Swerdloff RS. (1996) Quantitative significance of apoptosis in mediating the temporal and stage-specific loss of germ cells in the adult rat after gonadotropin deprivation. Program of the 10th International Congress of Endocrinology, June 12-15, San Francisco, CA, P58
5. Sinha Hikim AP, **Lue YH**, Wang C, Wang XH, Johnson L and Swerdloff RS. (1996) Spontaneous germ cell apoptosis in human. Program of the 10th International Congress of Endocrinology, June 12-15, San Francisco, CA, P177
6. Bonavera JJ, Wang C, Leung A, **Lue YH**, Baravarian S, Superlano L, Sinha Hikim AP and Swerdloff RS. (1996) Aging is associated with decreased LH pulse amplitude in the Brown-Norway (BN) male rat. Program of the 10th International Congress of Endocrinology, June 12-15, San Francisco, CA, P83
7. **Lue YH**, Sinha Hikim AP, Wang C, Bonavera JJ, Baravarian S, Leung A, Swerdloff RS. (1996) Early effect of vasectomy on testicular apoptosis. Program of the 10th International Congress of Endocrinology, June 12-15, San Francisco, CA, P544
8. Rajavashisth TB, Sinha Hikim AP, Masra NK, Cai Y, Tripathi JN, **Lue YH**, Wang C, Baravarian S, Leung A, Lee WP and Swerdloff RS. (1996) Mice deficient in macrophage-colony stimulating factor exhibit reduced testicular testosterone and augmented stage-specific germ cell apoptosis. Program of the 6th International Congress on Cell Biology/36th American Society for Cell Biology Annual Meeting. December 7-11, San Francisco, CA, P32a
9. **Lue YH**, Sinha Hikim AP, Im P, Tiang KS, Bui T, Leung A, Swerdloff RS and Wang C. (1997) Stage-specific loss of germ cells in the rat after a single exposure to heat occurs by apoptosis. 22th Annual Meeting of American Society of Andrology, February 23-25, Baltimore, MD.
10. **Lue YH**, Sinha Hikim AP, Leung A, Baravarian S, Wang C and Swerdloff RS. (1997) Triptolide: A post-testicular antifertility agent. 22th Annual Meeting of American Society of Andrology, February 23-25, Baltimore, MD.
11. Swerdloff RS, **Lue YH**, Rajavashisth T, Wang C and Sinha Hikim AP. (1997) hormonal regulation of germ cell apoptosis. XIVth Testis Workshop: Germ

- cell development, division, disruption and death. February 19-22, Baltimore, MD.
12. **Lue YH**, Sinha Hikim AP, Leung A, Baravarian S, Swerdloff RS and Wang C. (1997) Stage-related activation of germ cell apoptosis in the male aging Brown-Norway rat. 79th Annual Meeting of the Endocrine Society, June 11-14, Minneapolis, MN.
 13. Sinha Hikim AP, **Lue YH**, Rajavashisth T, Wang C and Swerdloff RS. (1997) Role of pituitary gonadotropins in preventing the GnRH-A induced stage-specific acceleration of germ cell apoptosis in the adult. 79th Annual Meeting of the Endocrine Society, June 11-14, Minneapolis, MN.
 14. **Lue YH**, Sinha Hikim AP, Rajavashisth T, Wang C, Salameh W and Swerdloff RS. (1998) p53 deficiency suppresses germ cell apoptosis and stimulates cellular proliferation *in vivo*. 23rd Annual Meeting of American Society of Andrology, March 27-29, 1998, Long Beach, CA.
 15. **Lue YH**, Sinha Hikim AP, Leung A, Baravarian S, Wang C and Swerdloff, RS. (1998) Stage-specific hormonal protection against heat-induced germ cell apoptosis in rat. 23rd Annual Meeting of American Society of Andrology, March 27-29, 1998, Long Beach, CA.
 16. Sinha Hikim AP, **Lue YH**, Smith L, Park JH, Kung C, Nam G, Wang C and Swerdloff RS. (1998) Differential expression Bcl-2 and Bax in the rat seminiferous epithelium. 23rd Annual Meeting of American Society of Andrology, March 27-29, 1998, Long Beach, CA.
 17. Sinha Hikim AP, Stefanovic K, **Lue YH**, Vernet D, Wang C, Swerdloff RS. (1998) Increased expression of Bax is an early event in the induction of germ cell apoptosis after mild testicular hyperthermia. 80th Annual Meeting of the Endocrine Society, June 24-27, New Orleans, LA.
 18. **Lue YH**, Sinha Hikim AP, Machida Y, Mayerhofer A, Urbansky H, Wang C and Swerdloff RS. (1998) Acceleration germ cell apoptosis in aging rhesus monkeys. 80th Annual Meeting of the Endocrine Society. June 24-27, New Orleans, LA.
 19. Heynh RN, Sinha Hikim AP, Stefanovic K, **Lue YH**, Leung A, Atienza V, Baravarian S, Swerdloff RS and Wang C. Long-term effects of triptolide on spermatogenesis, epididymal sperm functions, and fertility in male rats. 24th Annual Meeting of American Society of Andrology, April 10-13, 1999, Louisville, Kentucky.
 20. **Lue YH**, Sinha Hikim AP, Wang C, Casillas A, Bono L, Leung A and Swerdloff RS. Rapid suppression of spermatogenesis in the rat by combined treatment with GnRH-Antagonist and a single heat exposure. 24th Annual Meeting of American Society of Andrology, April 10-13, 1999, Louisville, Kentucky.
 21. **Lue YH**, Sinha Hikim AP, Wang C, Im M, Nguyen YH, Park J, Leung A, Swerdloff RS. Rapid suppression of spermatogenesis in the rat by combined treatment with testosterone administration and a single heat exposure. 81st Annual Meeting of the Endocrine Society. June 12-15, 1999 San Diego, CA.
 22. Yamamoto C, Sinha Hikim AP, Shapiro B, Huynh PN, **Lue YH**, Salameh WA, Wang C, Swerdloff RS. Redistribution of Bax is an early step in an apoptotic

- pathway leading to germ cell death triggered by mild testicular hyperthermia. 25th Annual Meeting of American Society of Andrology, April 7-11, 2000, Boston, Massachusetts.
23. **Lue YH**, Rao PN, Sinha Hikim AP, Im M, Salameh WA, Yen P, Wang C, Swerdloff RS. Progressive loss of germ cells by apoptosis in XXY male mouse: An excellent experimental model for Klinefelter Syndrome. 25th Annual Meeting of American Society of Andrology, April 7-11, 2000, Boston, Massachusetts.
 24. **Lue YH**, Sinha Hikim AP, Yamamoto CM, Gonzalez-Cadauid NF., Wang C, Leung A, Swerdloff RS. Decrease in induction of germ cell apoptosis by a single testicular heat exposure in iNOS deficient mouse. 82nd Annual Meeting of the Endocrine Society. June 21-24, 2000 Toronto, Canada.
 25. Portugal AM, Sinha Hikim AP, Yamamoto CM, **Lue YH**, Guo TB, Hsu SY, Salameh WA, Wang C, Hsueh AW, Swerdloff RS Impairment of spermatogenesis in transgenic mice with selective overexpression of Bcl-2 in the somatic cells of the testis. 82nd Annual Meeting of the Endocrine Society. June 21-24, 2000 Toronto, Canada.
 26. **Lue YH**, Sinha Hikim AP, Wang C, Leung A, Swerdloff RS. Increased germ cell proliferation in inducible nitric oxide synthase (iNOS) deficient male mice. VIIth International Congress of Andrology, June 15-19, 2001 Montreal, Canada
 27. **Lue YH**, Lasley B, Laughlin LS, Swerdloff RS, Sinha Hikim A, Leung A, Overstreet J, Wang C. Mild testicular hyperthermia induces oligospermia and azoospermia through increased germ cell apoptosis in adult monkeys. 83th Annual Meeting of the Endocrine Society. June 20-23, 2001 Denver, Colorado
 28. Shin Hikim AP, Yamamoto CM, **Lue YH**, Wang C, Swerdloff RS. Key molecular components of the apoptotic pathway in heat-induced programmed germ cell death. 83th Annual Meeting of the Endocrine Society. June 20-23, 2001 Denver, Colorado
 29. Shin Hikim AP, Huynh PN, **Lue YH**, Wang C, Swerdloff RS. The Fas signaling system may not be involved in the induction of germ cell apoptosis by mild testicular hyperthermia. 83th Annual Meeting of the Endocrine Society. June 20-23, 2001 Denver, Colorado
 30. Rodriguez S, **Lue YH**, Diaz-Romero M, Yen PH, Wang C, Swerdloff RS. Involvement of DIABLO in Heat-Induced Testicular Germ Cell Apoptosis in FAS Ligand-Defective Mice. 84th Annual Meeting of the Endocrine Society. June 19-22, 2002 San Francisco, CA.
 31. Cui Y, **Lue YH**, Sinha Hikim AP, Leung A, Wang C, Swerdloff RS. Testicular germ cell apoptosis induced by testosterone (T) implants in mice. 84th Annual Meeting of the Endocrine Society. June 19-22, 2002 San Francisco, CA.
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