

## Recent Endocrine Research Resources

### Research at NIEHS (by date)

**Voltz, J.W., J.W. Card, M.A. Carey, L.M. Degraff, C.D. Ferguson, G.P. Flake, J.C. Bonner, K.S. Korach and D.C. Zeldin**

“Male Sex Hormones Exacerbate Lung Function Impairment After Bleomycin-Induced Pulmonary Fibrosis” *Am J Respir Cell Mol Biol* (2008) v. pp.

**Konno, Y., M. Negishi and S. Kodama**

“The roles of nuclear receptors CAR and PXR in hepatic energy metabolism”  
*Drug Metab Pharmacokinet* (2008) v. 23 (1): pp. 8-13

**Liu, D., A. Deschamps, K.S. Korach and E. Murphy**

“Estrogen-enhanced gene expression of lipoprotein lipase in heart is antagonized by progesterone”  
*Endocrinology* (2008) v. 149 (2): pp. 711-6

**Benbrahim-Tallaa, L. and M.P. Waalkes**

“Inorganic arsenic and human prostate cancer”  
*Environ Health Perspect* (2008) v. 116 (2): pp. 158-64

**Heindel, J.J. and F.S. vom Saal**

“Meeting report: batch-to-batch variability in estrogenic activity in commercial animal diets — importance and approaches for laboratory animal research”  
*Environ Health Perspect* (2008) v. 116 (3): pp. 389-93

**Newbold, R.R.**

“Prenatal exposure to diethylstilbestrol (DES)”  
*Fertil Steril* (2008) v. 89 (2 Suppl): pp. e55-6

**Newbold, R.R., E. Padilla-Banks, W.N. Jefferson and J.J. Heindel**

“Effects of endocrine disruptors on obesity”  
*Int J Androl* (2008) v. 31 (2): pp. 201-8

**Bingham, A., G. Mamyrova, K.I. Rother, E. Oral, E. Cochran, A. Premkumar, D. Kleiner, L. James-Newton, I.N. Targoff, J.P. Pandey, D.M. Carrick, N. Sebring, T.P. O’Hanlon, M. Ruiz-Hidalgo, M. Turner, L.B. Gordon, J. Laborda, S.R. Bauer, P.J. Blackshear, L. Imundo, F.W. Miller and L.G. Rider**

“Predictors of acquired lipodystrophy in juvenile-onset dermatomyositis and a gradient of severity”  
*Medicine* (Baltimore) (2008) v. 87 (2): pp. 70-86

**Kinyamu, H.K., J.B. Collins, S.F. Grissom, P.B. Hebbar and T.K. Archer**

“Genome wide transcriptional profiling in breast cancer cells reveals distinct changes in hormone receptor target genes and chromatin modifying enzymes after proteasome inhibition”  
*Mol Carcinog* (2008) v. pp.

**Sueyoshi, T., R. Moore, J. Sugatani, Y. Matsumura and M. Negishi**

“PPP1R16A, the membrane subunit of protein phosphatase 1beta, signals nuclear translocation of the nuclear receptor constitutive active/ androstane receptor”  
*Mol Pharmacol* (2008) v. 73 (4): pp. 1113-21

**Beak, J.Y., H.S. Kang, Y.S. Kim and A.M. Jetten**

“Functional analysis of the zinc finger and activation domains of Glis3 and mutant Glis3(NDH1)”  
*Nucleic Acids Res* (2008) v. 36 (5): pp. 1690-702

**Longnecker, M.P., B.C. Gladen, L.A. Cupul-Uicab, S.P. Romano-Riquer, J.P. Weber, R.E. Chapin and M. Hernandez-Avila**

“In utero exposure to the antiandrogen 1, 1-dichloro-2,2-bis(p-chlorophenyl)ethylene (DDE) in relation to anogenital distance in male newborns from Chiapas, Mexico”  
*Am J Epidemiol* (2007) v. 165 (9): pp. 1015-22



**Carey, M.A., J.W. Card, J.W. Voltz, D.R. Germolec, K.S. Korach and D.C. Zeldin**

"The impact of sex and sex hormones on lung physiology and disease: lessons from animal studies"  
*Am J Physiol Lung Cell Mol Physiol* (2007) v. 293 (2): pp. L272-8

**Card, J.W., J.W. Voltz, C.D. Ferguson, M.A. Carey, L.M. DeGraff, S.D. Peddada, D.L. Morgan and D.C. Zeldin**

"Male sex hormones promote vagally mediated reflex airway responsiveness to cholinergic stimulation"  
*Am J Physiol Lung Cell Mol Physiol* (2007) v. 292 (4): pp. L908-14

**Eddy, E.M. and M.D. Griswold**

"Overview: testicular chromosome structure and gene expression"  
*Ann N Y Acad Sci* (2007) v. 1120 pp. xi-xv

**Franco, R., O.J. Schoneveld, A. Pappa and M.I. Panayiotidis**

"The central role of glutathione in the pathophysiology of human diseases"  
*Arch Physiol Biochem* (2007) v. 113 (4-5): pp. 234-58

**Yan, J., X.P. Yang, Y.S. Kim, J.H. Joo and A.M. Jetten**

"RAP80 interacts with the SUMO-conjugating enzyme UBC9 and is a novel target for sumoylation"  
*Biochem Biophys Res Commun* (2007) v. 362 (1): pp. 132-8

**Kodama, S., R. Moore, Y. Yamamoto and M. Negishi**

"Human nuclear pregnane X receptor cross-talk with CREB to repress cAMP activation of the glucose-6-phosphatase gene"  
*Biochem J* (2007) v. 407 (3): pp. 373-81

**Birnbaumer, L.**

"The discovery of signal transduction by G proteins: a personal account and an overview of the initial findings and contributions that led to our present understanding"  
*Biochim Biophys Acta* (2007) v. 1768 (4): pp. 756-71

**Murphy, E. and C. Steenbergen**

"Gender-based differences in mechanisms of protection in myocardial ischemia-reperfusion injury"  
*Cardiovasc Res* (2007) v. 75 (3): pp. 478-86

**Saldana, T.M., O. Basso, J.A. Hoppin, D.D. Baird, C. Knott, A. Blair, M.C. Alavanja and D.P. Sandler**

"Pesticide exposure and self-reported gestational diabetes mellitus in the Agricultural Health Study"  
*Diabetes Care* (2007) v. 30 (3): pp. 529-34

**Thigpen, J.E., K.D. Setchell, E. Padilla-Banks, J.K. Haseman, H.E. Saunders, G.F. Caviness, G.E. Kissling, M.G. Grant and D.B. Forsythe**

"Variations in phytoestrogen content between different mill dates of the same diet produces significant differences in the time of vaginal opening in CD-1 mice and F344 rats but not in CD Sprague-Dawley rats"  
*Environ Health Perspect* (2007) v. 115 (12): pp. 1717-26

**Benbrahim-Tallaa, L., M.M. Webber and M.P. Waalkes**

"Mechanisms of acquired androgen independence during arsenic-induced malignant transformation of human prostate epithelial cells"  
*Environ Health Perspect* (2007) v. 115 (2): pp. 243-7

**Murphy, E. and C. Steenbergen**

"Cardioprotection in females: a role for nitric oxide and altered gene expression"  
*Heart Fail Rev* (2007) v. 12 (3-4): pp. 293-300

**Moore, A.B., L. Castro, L. Yu, X. Zheng, X. Di, M.I. Sifre, G.E. Kissling, R.R. Newbold, C.D. Bortner and D. Dixon**

"Stimulatory and inhibitory effects of genistein on human uterine leiomyoma cell proliferation are influenced by the concentration"  
*Hum Reprod* (2007) v. 22 (10): pp. 2623-31

**Rogan, W.J. and N.B. Ragan**

"Some evidence of effects of environmental chemicals on the endocrine system in children"  
*Int J Hyg Environ Health* (2007) v. 210 (5): pp. 659-67

**Nakamura, K., R. Moore, M. Negishi and T. Sueyoshi**

"Nuclear pregnane X receptor cross-talk with FoxA2 to mediate drug-induced regulation of lipid metabolism in fasting mouse liver"  
*J Biol Chem* (2007) v. 282 (13): pp. 9768-76

**Nikolic, I., D. Liu, J.A. Bell, J. Collins, C. Steenbergen and E. Murphy**

"Treatment with an estrogen receptor-beta-selective agonist is cardioprotective"  
*J Mol Cell Cardiol* (2007) v. 42 (4): pp. 769-80

**Tien, E.S., K. Matsui, R. Moore and M. Negishi**

"The nuclear receptor constitutively active/androstane receptor regulates type 1 deiodinase and thyroid hormone activity in the regenerating mouse liver"  
*J Pharmacol Exp Ther* (2007) v. 320 (1): pp. 307-13

**Jukic, A.M., C.R. Weinberg, D.D. Baird and A.J. Wilcox**

"Lifestyle and reproductive factors associated with follicular phase length"  
*J Womens Health (Larchmt)* (2007) v. 16 (9): pp. 1340-7



**Newbold, R.R., W.N. Jefferson, S.F. Grissom, E. Padilla-Banks, R.J. Snyder and E.K. Lobenhofer**  
"Developmental exposure to diethylstilbestrol alters uterine gene expression that may be associated with uterine neoplasia later in life"  
*Mol Carcinog* (2007) v. 46 (9): pp. 783-96

**Menendez, D., A. Inga, J. Snipe, O. Krysiak, G. Schonfelder and M.A. Resnick**  
"A single-nucleotide polymorphism in a half-binding site creates p53 and estrogen receptor control of vascular endothelial growth factor receptor 1"  
*Mol Cell Biol* (2007) v. 27 (7): pp. 2590-600

**Lewis-Tuffin, L.J., C.M. Jewell, R.J. Bienstock, J.B. Collins and J.A. Cidlowski**  
"Human glucocorticoid receptor beta binds RU-486 and is transcriptionally active"  
*Mol Cell Biol* (2007) v. 27 (6): pp. 2266-82

**Zhang, Z. and C.T. Teng**  
"Interplay between estrogen-related receptor alpha (ERRalpha) and gamma (ERRgamma) on the regulation of ERRalpha gene expression"  
*Mol Cell Endocrinol* (2007) v. 264 (1-2): pp. 128-41

**Dhasarathy, A., M. Kajita and P.A. Wade**  
"The transcription factor snail mediates epithelial to mesenchymal transitions by repression of estrogen receptor-alpha"  
*Mol Endocrinol* (2007) v. 21 (12): pp. 2907-18

**Aoyagi, S. and T.K. Archer**  
"Dynamic histone acetylation/deacetylation with progesterone receptor-mediated transcription"  
*Mol Endocrinol* (2007) v. 21 (4): pp. 843-56

**Newbold, R.R., E. Padilla-Banks, R.J. Snyder and W.N. Jefferson**  
"Perinatal exposure to environmental estrogens and the development of obesity"  
*Mol Nutr Food Res* (2007) v. 51 (7): pp. 912-7

**Jefferson, W.N., E. Padilla-Banks and R.R. Newbold**  
"Disruption of the developing female reproductive system by phytoestrogens: genistein as an example"  
*Mol Nutr Food Res* (2007) v. 51 (7): pp. 832-44

**Benbrahim-Tallaa, L., J. Liu, M.M. Webber and M.P. Waalkes**  
"Estrogen signaling and disruption of androgen metabolism in acquired androgen-independence during cadmium carcinogenesis in human prostate epithelial cells"  
*Prostate* (2007) v. 67 (2): pp. 135-45

**Newbold, R.R., W.N. Jefferson and E. Padilla-Banks**  
"Long-term adverse effects of neonatal exposure to bisphenol A on the murine female reproductive tract"  
*Reprod Toxicol* (2007) v. 24 (2): pp. 253-8

**Newbold, R.R., E. Padilla-Banks, R.J. Snyder, T.M. Phillips and W.N. Jefferson**  
"Developmental exposure to endocrine disruptors and the obesity epidemic"  
*Reprod Toxicol* (2007) v. 23 (3): pp. 290-6

**Jefferson, W.N., E. Padilla-Banks and R.R. Newbold**  
"Disruption of the female reproductive system by the phytoestrogen genistein"  
*Reprod Toxicol* (2007) v. 23 (3): pp. 308-16

**Timsit, Y.E. and M. Negishi**  
"CAR and PXR: the xenobiotic-sensing receptors"  
*Steroids* (2007) v. 72 (3): pp. 231-46

**Liu, J., Y. Xie, R. Cooper, D.M. Ducharme, R. Tennant, B.A. Diwan and M.P. Waalkes**  
"Transplacental exposure to inorganic arsenic at a hepatocarcinogenic dose induces fetal gene expression changes in mice indicative of aberrant estrogen signaling and disrupted steroid metabolism"  
*Toxicol Appl Pharmacol* (2007) v. 220 (3): pp. 284-91

**Shen, J., J. Liu, Y. Xie, B.A. Diwan and M.P. Waalkes**  
"Fetal onset of aberrant gene expression relevant to pulmonary carcinogenesis in lung adenocarcinoma development induced by *in utero* arsenic exposure"  
*Toxicol Sci* (2007) v. 95 (2): pp. 313-20

**Jetten, A.M. and J.H. Joo**  
"Retinoid-related Orphan Receptors (RORs): Roles in Cellular Differentiation and Development"  
*Adv Dev Biol* (2006) v. 16 pp. 313-355

**Farr, S.L., J. Cai, D.A. Savitz, D.P. Sandler, J.A. Hoppin and G.S. Cooper**  
"Pesticide exposure and timing of menopause: the Agricultural Health Study"  
*Am J Epidemiol* (2006) v. 163 (8): pp. 731-42

**Chan, P., J. Mahler, G. Travlos, A. Nyska and M. Wenk**  
"Induction of thyroid lesions in 14-week toxicity studies of 2 and 4-methylimidazole in Fischer 344/N rats and B6C3F1 mice"  
*Arch Toxicol* (2006) v. 80 (3): pp. 169-80

**Rhen, T. and J.A. Cidlowski**  
"Estrogens and glucocorticoids have opposing effects on the amount and latent activity of complement proteins in the rat uterus"  
*Biol Reprod* (2006) v. 74 (2): pp. 265-74



- Jefferson, W., R. Newbold, E. Padilla-Banks and M. Pepling**  
"Neonatal genistein treatment alters ovarian differentiation in the mouse: inhibition of oocyte nest breakdown and increased oocyte survival"  
*Biol Reprod* (2006) v. 74 (1): pp. 161-8
- Waalkes, M.P., J. Liu, J.M. Ward, D.A. Powell and B.A. Diwan**  
"Urogenital carcinogenesis in female CD1 mice induced by in utero arsenic exposure is exacerbated by postnatal diethylstilbestrol treatment"  
*Cancer Res* (2006) v. 66 (3): pp. 1337-45
- Hewitt, S.C.**  
"The five W's of progesterone receptors A and B: now we know where and when"  
*Endocrinology* (2006) v. 147 (12): pp. 5501-2
- Padilla-Banks, E., W.N. Jefferson and R.R. Newbold**  
"Neonatal exposure to the phytoestrogen genistein alters mammary gland growth and developmental programming of hormone receptor levels"  
*Endocrinology* (2006) v. 147 (10): pp. 4871-82
- Newbold, R.R., E. Padilla-Banks and W.N. Jefferson**  
"Adverse effects of the model environmental estrogen diethylstilbestrol are transmitted to subsequent generations"  
*Endocrinology* (2006) v. 147 (6 Suppl): pp. S11-7
- Henley, D.V. and K.S. Korach**  
"Endocrine-disrupting chemicals use distinct mechanisms of action to modulate endocrine system function"  
*Endocrinology* (2006) v. 147 (6 Suppl): pp. S25-32
- Couse, J.F., M.M. Yates, K.F. Rodriguez, J.A. Johnson, D. Poirier and K.S. Korach**  
"The intraovarian actions of estrogen receptor-alpha are necessary to repress the formation of morphological and functional Leydig-like cells in the female gonad"  
*Endocrinology* (2006) v. 147 (8): pp. 3666-78
- Hewitt, S.C., J. Collins, S. Grissom, K. Hamilton and K.S. Korach**  
"Estren behaves as a weak estrogen rather than a nongenomic selective activator in the mouse uterus"  
*Endocrinology* (2006) v. 147 (5): pp. 2203-14
- Taylor, R.A., P. Cowin, J.F. Couse, K.S. Korach and G.P. Risbridger**  
"17beta-estradiol induces apoptosis in the developing rodent prostate independently of ERalpha or ERbeta"  
*Endocrinology* (2006) v. 147 (1): pp. 191-200
- Murphy, E. and K.S. Korach**  
"Actions of estrogen and estrogen receptors in nonclassical target tissues"  
*Ernst Schering Found Symp Proc* (2006) v. 1 pp. 13-24
- Guo, T.L., R.P. Chi, X.L. Zhang, D.L. Musgrove, C. Weis, D.R. Germolec and K.L. White, Jr.**  
"Modulation of immune response following dietary genistein exposure in F0 and F1 generations of C57BL/6 mice: evidence of thymic regulation"  
*Food Chem Toxicol* (2006) v. 44 (3): pp. 316-25
- Ehrenshaft, M. and R.P. Mason**  
"Protein radical formation on thyroid peroxidase during turnover as detected by immuno-spin trapping"  
*Free Radic Biol Med* (2006) v. 41 (3): pp. 422-30
- Foster, P.M.**  
"Disruption of reproductive development in male rat offspring following *in utero* exposure to phthalate esters"  
*Int J Androl* (2006) v. 29 (1): pp. 140-7; discussion 181-5
- Ribas-Fito, N., B.C. Gladen, J.W. Brock, M.A. Klebanoff and M.P. Longnecker**  
"Prenatal exposure to 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (p,p'-DDE) in relation to child growth"  
*Int J Epidemiol* (2006) v. 35 (4): pp. 853-8
- Jefferson, W.N., E. Padilla-Banks and R.R. Newbold**  
"Studies of the effects of neonatal exposure to genistein on the developing female reproductive system"  
*J AOAC Int* (2006) v. 89 (4): pp. 1189-96
- Yamamoto, Y., R. Moore, H.A. Hess, G.L. Guo, F.J. Gonzalez, K.S. Korach, R.R. Maronpot and M. Negishi**  
"Estrogen receptor alpha mediates 17alpha-ethynylestradiol causing hepatotoxicity"  
*J Biol Chem* (2006) v. 281 (24): pp. 16625-31
- Deroo, B.J. and K.S. Korach**  
"Estrogen receptors and human disease"  
*J Clin Invest* (2006) v. 116 (3): pp. 561-70
- Lindzey, J., E.L. Jayes, M.M. Yates, J.F. Couse and K.S. Korach**  
"The bi-modal effects of estradiol on gonadotropin synthesis and secretion in female mice are dependent on estrogen receptor-alpha"  
*J Endocrinol* (2006) v. 191 (1): pp. 309-17



**Yang, S., J. Yang, Z. Yang, P. Chen, A. Fraser, W. Zhang, H. Pang, X. Gao, B. Wilson, J.S. Hong and M.L. Block**  
"Pituitary adenylate cyclase-activating polypeptide (PACAP) 38 and PACAP4-6 are neuroprotective through inhibition of NADPH oxidase: potent regulators of microglia-mediated oxidative stress"  
*J Pharmacol Exp Ther* (2006) v. 319 (2): pp. 595-603

**Zhang, Z., K. Chen, J.C. Shih and C.T. Teng**  
"Estrogen-related receptors-stimulated monoamine oxidase B promoter activity is down-regulated by estrogen receptors"  
*Mol Endocrinol* (2006) v. 20 (7): pp. 1547-61

**Lu, N.Z., S.E. Wardell, K.L. Burnstein, D. Defranco, P.J. Fuller, V. Giguere, R.B. Hochberg, L. McKay, J.M. Renoir, N.L. Weigel, E.M. Wilson, D.P. McDonnell and J.A. Cidlowski**  
"International Union of Pharmacology. LXV. The pharmacology and classification of the nuclear receptor superfamily: glucocorticoid, mineralocorticoid, progesterone, and androgen receptors"  
*Pharmacol Rev* (2006) v. 58 (4): pp. 782-97

**Gentile, S., T. Darden, C. Erxleben, C. Romeo, A. Russo, N. Martin, S. Rossie and D.L. Armstrong**  
"Rac GTPase signaling through the PP5 protein phosphatase"  
*Proc Natl Acad Sci U.S.A.* (2006) v. 103 (13): pp. 5202-6

**Storey, N.M., S. Gentile, H. Ullah, A. Russo, M. Muessel, C. Erxleben and D.L. Armstrong**  
"Rapid signaling at the plasma membrane by a nuclear receptor for thyroid hormone"  
*Proc Natl Acad Sci U.S.A.* (2006) v. 103 (13): pp. 5197-201

**Tien, E.S. and M. Negishi**  
"Nuclear receptors CAR and PXR in the regulation of hepatic metabolism"  
*Xenobiotica* (2006) v. 36 (10-11): pp. 1152-63

### Research Supported by NIEHS (by date)

**Jiao, L., M.M. Hassan, M.L. Bondy, R.A. Wolff, D.B. Evans, J.L. Abbruzzese and D. Li**  
"XRCC2 and XRCC3 gene polymorphism and risk of pancreatic cancer"  
*Am J Gastroenterol* (2008) v. 103 (2): pp. 360-7

**Ozdemir, A.M., U. Hopfer, M.V. Rosca, X.J. Fan, V.M. Monnier and M.F. Weiss**  
"Effects of advanced glycation end product modification on proximal tubule epithelial cell processing of albumin"  
*Am J Nephrol* (2008) v. 28 (1): pp. 14-24

**Soto, A.M., L.N. Vandenberg, M.V. Maffini and C. Sonnenschein**  
"Does breast cancer start in the womb?"  
*Basic Clin Pharmacol Toxicol* (2008) v. 102 (2): pp. 125-33

**Purushottamachar, P., A. Khandelwal, T.S. Vasaitis, R.D. Bruno, L.K. Gediya and V.C. Njar**  
"Potent anti-prostate cancer agents derived from a novel androgen receptor down-regulating agent"  
*Bioorg Med Chem* (2008) v. 16 (7): pp. 3519-29

**Barnett, D.H., S. Sheng, T.H. Charn, A. Waheed, W.S. Sly, C.Y. Lin, E.T. Liu and B.S. Katzenellenbogen**  
"Estrogen receptor regulation of carbonic anhydrase XII through a distal enhancer in breast cancer"  
*Cancer Res* (2008) v. 68 (9): pp. 3505-15

**Dennis, M.K., H.J. Bowles, D.A. MacKenzie, S.W. Burchiel, B.S. Edwards, L.A. Sklar, E.R. Prossnitz and T.A. Thompson**  
"A multifunctional androgen receptor screening assay using the high-throughput Hypercyt flow cytometry system"  
*Cytometry A* (2008) v. 73 (5): pp. 390-9

**Hermes, G.L. and M.K. McClintock**  
"Isolation and the timing of mammary gland development, gonadarche, and ovarian senescence: implications for mammary tumor burden"  
*Dev Psychobiol* (2008) v. 50 (4): pp. 353-60

**Chen, J., K.C. Ahn, N.A. Gee, M.I. Ahmed, A.J. Duleba, L. Zhao, S.J. Gee, B.D. Hammock and B.L. Lasley**  
"Triclocarban enhances testosterone action: a new type of endocrine disruptor?"  
*Endocrinology* (2008) v. 149 (3): pp. 1173-9

**Song, G., J. Kim, F.W. Bazer and T.E. Spencer**  
"Progesterone and interferon tau regulate hypoxia-inducible factors in the endometrium of the ovine uterus"  
*Endocrinology* (2008) v. 149 (4): pp. 1926-34

**Davey, J.C., A.P. Nomikos, M. Wungjiranirun, J.R. Sherman, L. Ingram, C. Batki, J.P. Lariviere and J.W. Hamilton**  
"Arsenic as an endocrine disruptor: arsenic disrupts retinoic acid receptor-and thyroid hormone receptor-mediated gene regulation and thyroid hormone-mediated amphibian tail metamorphosis"  
*Environ Health Perspect* (2008) v. 116 (2): pp. 165-72



**Bernbaum, J.C., D.M. Umbach, N.B. Ragan, J.L. Ballard, J.I. Archer, H. Schmidt-Davis and W.J. Rogan**

“Pilot studies of estrogen-related physical findings in infants”  
*Environ Health Perspect* (2008) v. 116 (3): pp. 416-20

**Ruhlen, R.L., K.L. Howdeshell, J. Mao, J.A. Taylor, F.H. Bronson, R.R. Newbold, W.V. Welshons and F.S. vom Saal**  
“Low phytoestrogen levels in feed increase fetal serum estradiol resulting in the “fetal estrogenization syndrome” and obesity in CD-1 mice”  
*Environ Health Perspect* (2008) v. 116 (3): pp. 322-8

**Maiese, K.**  
“Diabetic stress: new triumphs and challenges to maintain vascular longevity”  
*Expert Rev Cardiovasc Ther* (2008) v. 6 (3): pp. 281-4

**Ricke, W.A., S.J. McPherson, J.J. Bianco, G.R. Cunha, Y. Wang and G.P. Risbridger**  
“Prostatic hormonal carcinogenesis is mediated by in situ estrogen production and estrogen receptor alpha signaling”  
*Faseb J* (2008) v. 22 (5): pp. 1512-20

**Benoff, S., K. Auburn, J.L. Marmar and I.R. Hurley**  
“Link between low-dose environmentally relevant cadmium exposures and asthenozoospermia in a rat model”  
*Fertil Steril* (2008) v. 89 (2 Suppl): pp. e73-9

**Thomas, P.**  
“Characteristics of membrane progesterin receptor alpha (mPRalpha) and progesterone membrane receptor component 1 (PGMRC1) and their roles in mediating rapid progesterin actions”  
*Front Neuroendocrinol* (2008) v. 29 (2): pp. 292-312

**Dong, W. and K.L. Willett**  
“Local expression of CYP19A1 and CYP19A2 in developing and adult killifish (*Fundulus heteroclitus*)”  
*Gen Comp Endocrinol* (2008) v. 155 (2): pp. 307-17

**Lutton, B.V. and I.P. Callard**  
“Influence of reproductive activity, sex steroids, and seasonality on epigonal organ cellular proliferation in the skate (*Leucoraja erinacea*)”  
*Gen Comp Endocrinol* (2008) v. 155 (1): pp. 116-25

**Anand-Ivell, R., R. Ivell, D. Driscoll and J. Manson**  
“Insulin-like factor 3 levels in amniotic fluid of human male fetuses”  
*Hum Reprod* (2008) v. 23 (5): pp. 1180-6

**Moral, R., R. Wang, I.H. Russo, C.A. Lamartiniere, J. Pereira and J. Russo**  
“Effect of prenatal exposure to the endocrine disruptor bisphenol A on mammary gland morphology and gene expression signature”  
*J Endocrinol* (2008) v. 196 (1): pp. 101-12

**Kitana, N. and I.P. Callard**  
“Effect of cadmium on gonadal development in freshwater turtle (*Trachemys scripta*, *Chrysemys picta*) embryos”  
*J Environ Sci Health A Tox Hazard Subst Environ Eng* (2008) v. 43 (3): pp. 262-71

**Moore, B.C., M.C. Uribe-Aranzabal, A.S. Boggs and L.J. Guillette, Jr.**  
“Developmental morphology of the neonatal alligator (*Alligator mississippiensis*) ovary”  
*J Morphol* (2008) v. 269 (3): pp. 302-12

**Blum, J.L., M.O. James, L.D. Stuchal and N.D. Denslow**  
“Stimulation of transactivation of the largemouth bass estrogen receptors alpha, beta-a, and beta-b by methoxychlor and its mono- and bis-demethylated metabolites in HepG2 cells”  
*J Steroid Biochem Mol Biol* (2008) v. 108 (1-2): pp. 55-63

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