Recent Endocrine Research Resources

Research at NIEHS (by date)


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

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

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

Newbold, R.R.

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


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

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

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

“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
“The impact of sex and sex hormones on lung physiology and disease: lessons from animal studies”

“Male sex hormones promote vagally mediated reflex airway responsiveness to cholinergic stimulation”

Eddy, E.M. and M.D. Griswold
“Overview: testicular chromosome structure and gene expression”

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”

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”

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”

Murphy, E. and C. Steenbergen
“Gender-based differences in mechanisms of protection in myocardial ischemia-reperfusion injury”

“Pesticide exposure and self-reported gestational diabetes mellitus in the Agricultural Health Study”

“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”

Benbrahim-Talla, L., M.M. Webber and M.P. Waalkes
“Mechanisms of acquired androgen independence during arsenic-induced malignant transformation of human prostate epithelial cells”

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

“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”

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”

Nikolic, I., D. Liu, J.A. Bell, J. Collins, C. Steenbergen and E. Murphy
“Treatment with an estrogen receptor-beta-selective agonist is cardioprotective”

Tien, E.S., K. Matsui, R. Moore and M. Negishi
“The nuclear receptor constitutively active /androstane receptor regulates type I deiodinase and thyroid hormone activity in the regenerating mouse liver”

“Lifestyle and reproductive factors associated with follicular phase length”
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”

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”

Zhang, Z. and C.T. Teng
“Interplay between estrogen-related receptor alpha (ERRalpha) and gamma (ERRgamma) on the regulation of ERRalpha gene expression”

Dhasarathy, A., M. Kajita and P.A. Wade
“The transcription factor snail mediates epithelial to mesenchymal transitions by repression of estrogen receptor-alpha”

Aoyagi, S. and T.K. Archer
“Dynamic histone acetylation/deacetylation with progesterone-receptor-mediated transcription”

Newbold, R.R., E. Padilla-Banks, R.J. Snyder and W.N. Jefferson
“Perinatal exposure to environmental estrogens and the development of obesity”

Jefferson, W.N., E. Padilla-Banks and R.R. Newbold
“Disruption of the developing female reproductive system by phytoestrogens: genistein as an example”

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”

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”

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”

Jefferson, W.N., E. Padilla-Banks and R.R. Newbold
“Disruption of the female reproductive system by the phytoestrogen genistein”

Timsit, Y.E. and M. Negishi
“CAR and PXR: the xenobiotic-sensing receptors”

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”

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”

Jetten, A.M. and J.H. Joo
“Retinoid-related Orphan Receptors (RORs): Roles in Cellular Differentiation and Development”

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”

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”

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”
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”

“Urogenital carcinogenesis in female CD1 mice induced by in utero arsenic exposure is exacerbated by postnatal diethylstilbestrol treatment”

Hewitt, S.C.
“The five W’s of progesterone receptors A and B: now we know where and when”

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”

Henley, D.V. and K.S. Korach
“Endocrine-disrupting chemicals use distinct mechanisms of action to modulate endocrine system function”

“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

“Estren behaves as a weak estrogen rather than a nongenomic selective activator in the mouse uterus”
Endocrinology (2006) v. 147 (5): pp. 2203-14

“17beta-estradiol induces apoptosis in the developing rodent prostate independently of ERAlpha or ERbeta”

Murphy, E. and K.S. Korach
“Actions of estrogen and estrogen receptors in nonclassical target tissues”

“Modulation of immune response following dietary genistein exposure in F0 and F1 generations of C57BL/6 mice: evidence of thymic regulation”

Ehrenshaft, M. and R.P. Mason
“Protein radical formation on thyroid peroxidase during turnover as detected by immuno-spin trapping”

Foster, P.M.
“Disruption of reproductive development in male rat offspring following in utero exposure to phthalate esters”

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”

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”

“Estrogen receptor alpha mediates 17alpha-ethynylestradiol causing hepatotoxicity”

Deroo, B.J. and K.S. Korach
“Estrogen receptors and human disease”

“The bi-modal effects of estradiol on gonadotropin synthesis and secretion in female mice are dependent on estrogen receptor-alpha”
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”

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”

“International Union of Pharmacology. LXV. The pharmacology and classification of the nuclear receptor superfamily: glucocorticoid, mineralocorticoid, progesterone, and androgen receptors”

“Rac GTPase signaling through the PP5 protein phosphatase”

Storey, N.M., S. Gentile, H. Ullah, A. Russo, M. Muessell, C. Erxleben and D.L. Armstrong
“Rapid signaling at the plasma membrane by a nuclear receptor for thyroid hormone”

Tien, E.S. and M. Negishi
“Nuclear receptors CAR and PXR in the regulation of hepatic metabolism”

Research Supported by NIEHS (by date)

“XRCC2 and XRCC3 gene polymorphism and risk of pancreatic cancer”

“Effects of advanced glycation end product modification on proximal tubule epithelial cell processing of albumin”

Soto, A.M., L.N. Vandenberg, M.V. Maffini and C. Sonnenschein
“Does breast cancer start in the womb?”

“Potent anti-prostate cancer agents derived from a novel androgen receptor down-regulating agent”

“Estrogen receptor regulation of carbonic anhydrase XII through a distal enhancer in breast cancer”

“A multifunctional androgen receptor screening assay using the high-throughput Hypercyt flow cytometry system”

Hermes, G.L. and M.K. McClintock
“Isolation and the timing of mammary gland development, gonadarche, and ovarian senescence: implications for mammary tumor burden”

“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”

“Arsenic as an endocrine disruptor: arsenic disrupts retinoic acid receptor-and thyroid hormone receptor-mediated gene regulation and thyroid hormone-mediated amphibian tail metamorphosis”
“Pilot studies of estrogen-related physical findings in infants”

“Low phytoestrogen levels in feed increase fetal serum estradiol resulting in the “fetal estrogenization syndrome” and obesity in CD-1 mice”

Maiese, K.
“Diabetic stress: new triumphs and challenges to maintain vascular longevity”

“Prostatic hormonal carcinogenesis is mediated by in situ estrogen production and estrogen receptor alpha signaling”

Benoff, S., K. Auborn, J.L. Marmar and I.R. Hurley
“Link between low-dose environmentally relevant cadmium exposures and asthenozoospermia in a rat model”

Thomas, P.
“Characteristics of membrane progestin receptor alpha (mPRalpha) and progesterone membrane receptor component 1 (PGMRC1) and their roles in mediating rapid progestin actions”

Dong, W. and K.L. Willett
“Local expression of CYP19A1 and CYP19A2 in developing and adult killifish (Fundulus heteroclitus)”

Lutton, B.V. and I.P. Callard
“Influence of reproductive activity, sex steroids, and seasonality on epigonal organ cellular proliferation in the skate (Leucora ja erinaceus)”

Anand-Ivell, R., R. Ivell, D. Driscoll and J. Manson
“Insulin-like factor 3 levels in amniotic fluid of human male fetuses”

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”

Kitana, N. and I.P. Callard
“Effect of cadmium on gonadal development in freshwater turtle (Trachemys scripta, Chrysemys picta) embryos”

“Developmental morphology of the neonatal alligator (Alligator mississippiensis) ovary”

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”

Higgins, K.J., S. Liu, M. Abdelrahim, K. Vanderlaag, X. Liu, W. Porter, R. Metz and S. Safe
“Vascular endothelial growth factor receptor-2 expression is down-regulated by 17beta-estradiol in MCF-7 breast cancer cells by estrogen receptor alpha/Sp proteins”

“Estrogen suppresses uterine epithelial apoptosis by inducing birc1 expression”

Heiden, T.C., C.A. Struble, M.L. Rise, M.J. Hessner, R.J. Hutz and M.J. Carvan, III
“Molecular targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) within the zebrafish ovary: insights into TCDD-induced endocrine disruption and reproductive toxicity”

“Possible mechanisms of thyroid hormone disruption in mice by BDE 47, a major polybrominated diphenyl ether congener”
Le, H.H., E.M. Carlson, J.P. Chua and S.M. Belcher
“Bisphenol A is released from polycarbonate drinking bottles and mimics the neurotoxic actions of estrogen in developing cerebellar neurons”

“Enhanced cadmium-induced testicular necrosis and renal proximal tubule damage caused by gene-dose increase in a Slc39a8-transgenic mouse line”

“Enteroendocrine cells express functional Toll-like receptors”

Heider, T.R., S. Lyman, R. Schoonhoven and K.E. Behrns
“Ski promotes tumor growth through abrogation of transforming growth factor-beta signaling in pancreatic cancer”

Tsai-Turton, M., B.N. Nakamura and U. Luderer
“Induction of apoptosis by 9,10-dimethyl-1,2-benzanthracene in cultured preovulatory rat follicles is preceded by a rise in reactive oxygen species and is prevented by glutathione”

Li, Y., A. Guolo, F.O. Hoffman and R.J. Carroll
“Shared uncertainty in measurement error problems, with application to Nevada Test Site fallout data”

Wang, Y., J. Barthold, P.A. Kanetsky, T. Casalunovo, E. Pearson and J. Manson
“Alllic variants in HOX genes in cryptorchidism”

Hoyer, P.B. and I.G. Sipes
“Development of an animal model for ovotoxicity using 4-vinylcyclohexene: a case study”

“Passive smoking and the use of noncigarette tobacco products in association with risk for pancreatic cancer: a case-control study”

“Glutathione S-transferase gene polymorphisms and risk and survival of pancreatic cancer”

Tworoger, S.S., I.M. Lee, J.E. Buring, M.N. Pollak and S.E. Hankinson
“Insulin-like growth factors and ovarian cancer risk: a nested case-control study in three cohorts”

Jiao, L., M.M. Hassan, M.L. Bondy, J.L. Abbuzzese, D.B. Evans and D. Li
“The XPD Asp312Asn and Lys751Gln polymorphisms, corresponding haplotype, and pancreatic cancer risk”

“Regulation of vascular endothelial growth factor receptor-1 expression by specificity proteins 1, 3, and 4 in pancreatic cancer cells”

Chintharlapalli, S., S. Papineni, S. Liu, I. Jutooru, G. Chadalapaka, S.D. Cho, R.S. Murthy, Y. You and S. Safe
“2-cyano-lup-1-en-3-oxo-20-oic acid, a cyano derivative of betulinic acid, activates peroxisome proliferator-activated receptor gamma in colon and pancreatic cancer cells”

Young, T.W., D.G. Rosen, F.C. Mei, N. Li, J. Liu, X.F. Wang and X. Cheng
“Up-regulation of tumor susceptibility gene 101 conveys poor prognosis through suppression of p21 expression in ovarian cancer”
Haas, J.R., P.J. Christian and P.B. Hoyer
“Effects of impending ovarian failure induced by 4-vinlycyclohexene diepoxide on fertility in C57BL/6 female mice”

Maiiese, K., Z.Z. Chong and Y.C. Shang
“Mechanistic insights into diabetes mellitus and oxidative stress”

Maiiese, K., S.D. Morhan and Z.Z. Chong
“Oxidative stress biology and cell injury during type 1 and type 2 diabetes mellitus”

Veenman, L., V. Papadopoulos and M. Gavish
“Channel-like functions of the 18-kDa translocator protein (TSPO): regulation of apoptosis and steroidogenesis as part of the host-defense response”

Song, J., H.J. Kim, Z. Gong, N.A. Liu and S. Lin
“Vhnf1 acts downstream of Bmp, Fgf, and RA signals to regulate endocrine beta cell development in zebrafish”

Mann, D.R., G.K. Bhat, S. Ramaswamy, C.D. Stah and T.M. Plant
“Regulation of circulating leptin and its soluble receptor during pubertal development in the male rhesus monkey (Macaca mulatta)”

Midzak, A.S., J. Liu, B.R. Zirkin and H. Chen
“Effect of myxothiazol on Leydig cell steroidogenesis: inhibition of luteinizing hormone-mediated testosterone synthesis but stimulation of basal steroidogenesis”

Rachek, L.I., S.I. Musiyenko, S.P. LeDoux and G.L. Wilson
“Palmitate induced mitochondrial deoxyribonucleic acid damage and apoptosis in l6 rat skeletal muscle cells”

Tokumoto, T., M. Tokumoto and P. Thomas
“Interactions of diethylstilbestrol (DES) and DES analogs with membrane progesterin receptor-alpha and the correlation with their nongenomic progesterin activities”

Codru, N., M.J. Schymura, S. Negoita, R. Rej and D.O. Carpenter
“Diabetes in relation to serum levels of polychlorinated biphenyls and chlorinated pesticides in adult Native Americans”

“Tetrahydrofurandiols (THF-diols), leukotoxindiols (LTX-diols), and endocrine disruption in rats”

“Serum dioxygen concentrations and quality of ovarian function in women of Seveso”

“Drinking water with uranium below the U.S. EPA water standard causes estrogen receptor-dependent responses in female mice”

Gauger, K.J., S. Giera, D.S. Sharlin, R. Bansal, E. Iannacone and R.T. Zoeller
“Polychlorinated biphenyls 105 and 118 form thyroid hormone receptor agonists after cytochrome P4501A1 activation in rat pituitary GH3 cells”

Smith, C.C. and H.S. Taylor
“Xenoestrogen exposure imprints expression of genes (Hoxa10) required for normal uterine development”

Zhu, H., L. Zhang, M.A. Trush and Y. Li
“Upregulation of endogenous glutathione system by 3H-1,2-dithiole-3-thione in pancreatic RINm5F beta-cells as a novel strategy for protecting against oxidative beta-cell injury”

Whitley, B.R., L.M. Beaulieu, J.C. Carter and F.C. Church
“Phosphatidylinositol 3-kinase / Akt regulates the balance between plasminogen activator inhibitor-1 and urokinase to promote migration of SKOV-3 ovarian cancer cells”
Steinberg, R.M., T.E. Juenger and A.C. Gore
“The effects of prenatal PCBs on adult female paced mating reproductive behaviors in rats”
Horm Behav (2007) v. 51 (3): pp. 364-72

Moffit, J.S., K. Boekelheide, J.M. Sedivy and J. Klysik
“Mice lacking Raf kinase inhibitor protein-1 (RKIP-1) have altered sperm capacitation and reduced reproduction rates with a normal response to testicular injury”

Ge, R.S., G.R. Chen, Q. Dong, B. Akingbemi, C.M. Sottas, M. Santos, S.C. Sealfon, D.J. Bernard and M.P. Hardy
“Biphasic effects of postnatal exposure to diethylhexylphthalate on the timing of puberty in male rats”

Olson, G.E., V.P. Winfrey, S.K. Nagdas, K.E. Hill and R.F. Burk
“Apolipoprotein E receptor-2 (ApoER2) mediates selenium uptake from selenoprotein P by the mouse testis”

“The selenium-rich C-terminal domain of mouse selenoprotein P is necessary for the supply of selenium to brain and testis but not for the maintenance of whole body selenium”

Wu, G., F.W. Bazer, T.A. Cudd, W.S. Jobgen, S.W. Kim, A. Lassala, P. Li, J.H. Matis, C.J. Meiningher and T.E. Spencer
“Pharmacokinetics and safety of arginine supplementation in animals”

“Short-term hormone release from adult female rat hypotalamic and pituitary explants is not altered by 2,3,7,8-tetrachlorodibenzo-p-dioxin”

“Fluorine-19 MRI for visualization and quantification of cell migration in a diabetes model”

Setji, T.L. and A.J. Brown
“Comprehensive clinical management of polycystic ovary syndrome”

Cowden Dahl, K.D., R. Zeineldin and L.G. Hudson
“PEA3 is necessary for optimal epidermal growth factor receptor-stimulated matrix metalloproteinase expression and invasion of ovarian tumor cells”

“Functional characterization of a novel BRCA1-null ovarian cancer cell line in response to ionizing radiation”

“Sorafenib inhibits the angiogenesis and growth of orthotopic anaplastic thyroid carcinoma xenografts in nude mice”

Young, T.W., F.C. Mei, D.G. Rosen, G. Yang, N. Li, J. Liu and X. Cheng
“Up-regulation of tumor susceptibility gene 101 protein in ovarian carcinomas revealed by proteomics analyses”

Zhai, Y., H.V. Pai, J. Zhou, J.A. Amico, R.R. Vollmer and W. Xie
“Activation of pregnane X receptor disrupts glucocorticoid and mineralocorticoid homeostasis”

Simon, K.C., H. Chen, M. Schwarzschild and A. Ascherio
“Hypertension, hypercholesterolemia, diabetes, and risk of Parkinson disease”
Neurology (2007) v. 69 (17): pp. 1688-95

Weiss, B.
“Can endocrine disruptors influence neuroplasticity in the aging brain?”

“Air pollution and inflammation in type 2 diabetes: a mechanism for susceptibility”
Jiao, L., J. Zhu, M.M. Hassan, D.B. Evans, J.L. Abbruzzese and D. Li
“K-ras mutation and p16 and preproenkephalin promoter hypermethylation in plasma DNA of pancreatic cancer patients: in relation to cigarette smoking”

“Transgenerational epigenetic imprints on mate preference”

Kim, S., I. Millet, H.S. Kim, J.Y. Kim, M.S. Han, M.K. Lee, K.W. Kim, R.S. Sherwin, M. Karin and M.S. Lee
“NF-kappa B prevents beta cell death and autoimmune diabetes in NOD mice”

Ge, R.S., G.R. Chen, C. Tanrikut and M.P. Hardy
“Phthalate ester toxicity in Leydig cells: developmental timing and dosage considerations”

Uzumcu, M. and R. Zachow
“Developmental exposure to environmental endocrine disruptors: consequences within the ovary and on female reproductive function”

“Effects of Erapha overexpression on female reproduction in mice”

Amann, R.P. and D.N. Veeramachaneni
“Cryptorchidism in common eutherian mammals”

Brown, K.H., I.R. Schultz and J.J. Nagler
“Reduced embryonic survival in rainbow trout resulting from paternal exposure to the environmental estrogen 17alpha-ethylhexylestradiol during late sexual maturation”

Patel, C.G., K. Richman, D. Yang, B. Yan, R.Y. Gohh and F. Akhlaghi
“Effect of diabetes mellitus on mycophenolate sodium pharmacokinetics and inosine monophosphate dehydrogenase activity in stable kidney transplant recipients”
Ther Drug Monit (2007) v. 29 (6): pp. 735-42

Smith, T.L., S.T. Merry, D.L. Harris, J. Joe Ford, J. Ike, A.E. Archibong and A. Ramesh
“Species-specific testicular and hepatic microsomal metabolism of benzo(a)pyrene, an ubiquitous toxicant and endocrine disruptor”
Toxicol In Vitro (2007) v. 21 (4): pp. 753-8

Bryant, B.H. and K. Boekelheide
“Time-dependent changes in post-mortem testis histopathology in the rat”

“Methoxychlor and its metabolites inhibit growth and induce atresia of baboon antral follicles”

“FK506, a calcineurin inhibitor, prevents cadmium-induced testicular toxicity in mice”

Tsai-Turton, M., B.T. Luong, Y. Tan and U. Luderer
“Cyclophosphamide-induced apoptosis in COV434 human granulosa cells involves oxidative stress and glutathione depletion”

Gaido, K.W., J.B. Hensley, D. Liu, D.G. Wallace, S. Borghoff, K.J. Johnson, S.J. Hall and K. Boekelheide
“Fetal mouse phthalate exposure shows that Gonocyte multinucleation is not associated with decreased testicular testosterone”

Davey, J.C., J.E. Bodwell, J.A. Gosse and J.W. Hamilton
“Arsenic as an endocrine disruptor: effects of arsenic on estrogen receptor-mediated gene expression in vivo and in cell culture”

Rajapaksa, K.S., I.G. Sipes and P.B. Hoyer
“involvement of microsomal epoxide hydrolase enzyme in ovotoxicity caused by 7,12-dimethylbenz[a]anthracene”

“The environmental estrogen, nonylphenol, activates the constitutive androstane receptor”
McKee, C.M., Y. Ye and J.H. Richburg
“Testicular germ cell sensitivity to TRAIL-induced apoptosis is dependent upon p53 expression and is synergistically enhanced by DR5 agonistic antibody treatment”

Garcia-Reyero, N., D.S. Barber, T.S. Gross, K.G. Johnson, M.S. Sepulveda, N.J. Szabo and N.D. Denslow
“Dietary exposure of largemouth bass to OCPs changes expression of genes important for reproduction”

“Atrazine concentrations, gonadal gross morphology and histology in ranid frogs collected in Michigan agricultural areas”

“Plasma steroid hormone concentrations, aromatase activities and GSI in ranid frogs collected from agricultural and non-agricultural sites in Michigan (USA)”

Soto, A.M., M.V. Maffini, C.M. Schaeberle and C. Sonnenschein
“Strengths and weaknesses of in vitro assays for estrogenic and androgenic activity”

Higgins, K.J., M. Abdelrahim, S. Liu, K. Yoon and S. Safe
“Regulation of vascular endothelial growth factor receptor-2 expression in pancreatic cancer cells by Sp proteins”

“Platelets as a novel target for PPARgamma ligands: implications for inflammation, diabetes, and cardiovascular disease”

Karman, B.N. and S.A. Tischkau
“Circadian clock gene expression in the ovary: Effects of luteinizing hormone”

Zhu, J., A. Rashid, K. Cleary, J.L. Abbruzzese, H. Friess, S. Takahashi, T. Shirai and D. Li
“Detection of 2-amino-1-methyl-6-phenylimidazo [4,5-b]-pyridine (PhIP)-DNA adducts in human pancreatic tissues”

“Serum selenium measurements in women with early-stage breast cancer with and without chemotherapy-induced ovarian failure”

“Influence of obesity on biochemical and clinical failure after external-beam radiotherapy for localized prostate cancer”

“Radiotherapy for primary thyroid cancer as a risk factor for second primary cancers”

Rosen, E.M., S. Fan and Y. Ma
“BRCA1 regulation of transcription”

Kucherlapati, M.H., A.A. Nguyen, R.T. Bronson and R.S. Kucherlapati
“Inactivation of conditional Rb by Villin-Cre leads to aggressive tumors outside the gastrointestinal tract”

Abdelrahim, M., K. Newman, K. Vanderlaag, I. Samudio and S. Safe
“3,3’-diindolylmethane (DIM) and its derivatives induce apoptosis in pancreatic cancer cells through endoplasmic reticulum stress-dependent upregulation of DR5”
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