

- Bonefeld-Jørgensen, E.C., Andersen, H.R., Rasmussen, T.H., Vinggaard, A.M. (2001) Effect of highly bioaccumulated polychlorinated biphenyl congeners on estrogen and androgen receptor activity. *Toxicology* 158:141-153.
- Deckers, G.H., Schoonen, W.G.E.J., Kloosterboer, H.J. (2000) Influence of the substitution of 11-methylene, ¹⁵ and/or 18-methyl groups in norethisterone on receptor binding, transactivation assays and biological activities in animals. *J Steroid Biochem Mol Biol* 74:83-92.
- Deslypere, J.-P., Young, M., Wilson, J.D., McPhaul, M.J. (1992) Testosterone and 5 – dihydrotestosterone interact differently with the androgen receptor to enhance transcription of the MMTV-CAT reporter gene. *Mol Cell Endocrinol* 88:15-22.
- Gaido, K.W., Leonard, L.S., Lovell, S., Gould, J.C., Babai, D., Portier, C.J., McDonnell, D.P. (1997) Evaluation of chemicals with endocrine modulating activity in a yeast-based steroid hormone receptor gene transcription assay. *Toxicol Appl Pharmacol* 143:205-212.
- Gaido, K.W., Maness, S.C., McDonnell, D.P., Dehal, S.S., Kupfer, D., Safe, S. (2000) Interaction of methoxychlor and related compounds with estrogen receptor α and β , and androgen receptor: Structure-activity studies. *Mol Pharmacol* 58:852-858.
- Hartig, P.C., Bobseine, K.L., Britt, B.H., Cardon, M.C., Lambright, C.R., Wilson, V.S., Gray, Jr., L.E. (2002) Development of two androgen receptor (AR) assays using adenoviral transduction of MMTV-Luc reporter and/or hAR for endocrine screening. *Toxicol Sci* 66:1-9.
- Kelce, W.R., Stone, C.R., Laws, S.C., Gray, L.E., Jr., Kemppainen, J.A., Wilson, E.M. (1995) Persistent DDT metabolite *p,p'*-DDE is a potent androgen receptor antagonist. *Nature* 375:581-585.
- Kemppainen, J.A., Lane, M.V., Sar, M., Wilson, E. (1992) Androgen receptor phosphorylation, turnover, nuclear transport, and transcriptional activation. *J Biol Chem* 267:968-974.
- Kemppainen, J.A., Langley, E., Wong, C.-i., Bobseine, K., Kelce, W.R., Wilson, E.M. (1999) Distinguishing androgen receptor agonists and antagonists: Distinct mechanisms of activation by medroxyprogesterone acetate and dihydrotestosterone. *Mol Endocrinol* 13:440-454.
- Kemppainen, J.A., Wilson, E.M. (1996) Agonist and antagonist activities of hydroxyflutamide and casodex relate to androgen receptor stabilization. *Urology* 48:157-163.

Lambright, C., Ostby, J., Bobseine, K., Wilson, V., Hotchkiss, A.K., Mann, P.C., Gray, L.E., Jr. (2000) Cellular and molecular mechanisms of action of linuron: An antiandrogenic herbicide that produces reproductive malformations in male rats. *Toxicol Sci* 56:389-399.

Maness, S.C., McDonnell, D.P., Gaido, K.W. (1998) Inhibition of androgen receptor-dependent transcriptional activity by DDT isomers and methoxychlor in HepG2 human hepatoma cells. *Toxicol Appl Pharmacol* 151:135-142.

Moffat, G.J., Burns, A., Van Miller, J., Joiner, R., Ashby, J. (2001) Glucuronidation of nonylphenol and octylphenol eliminates their ability to activate transcription via the estrogen receptor. *Regul Toxicol Pharmacol* 34:182-187.

O'Connor, J.C., Davis, L.G., Frame, S.R., Cook, J.C. (2000) Evaluation of a tier 1 screening battery for detecting endocrine-active compounds (EACs) using the positive controls testosterone, coumestrol, progesterone, and RU486. *Toxicol Sci* 54:338-354.

O'Connor, J.C., Frame, S.R., Biegel, L.B., Cook, J.C., Davis, L.G. (1998) Sensitivity of a tier 1 screening battery compared to an *in utero* exposure for detecting the estrogen receptor agonist 17 β -estradiol. *Toxicol Sci* 44:169-184.

O'Connor, J.C., Frame, S.R., Davis, L.G., Cook, J.C. (1999) Detection of the environmental antiandrogen *p,p'*-DDE in CD and Long-Evans rats using a tier 1 screening battery and a Hershberger assay. *Toxicol Sci* 51:44-53.

Otsuka Pharmaceutical Co., Ltd., Tokushima, Japan. (2001) submitted report.

Schrader, T.J., Cooke, G.M. (2000) Examination of selected food additives and organochlorine food contaminants for androgenic activity *in vitro*. *Toxicol Sci* 53:278-288.

Sonnenschein, C., Olea, N., Pasanen, M.E., Soto, A.M. (1989) Negative controls of cell proliferation: Human prostate cancer cells and androgens. *Cancer Res* 49:3474-3481.

Sultan, C., Balaguer, P., Terouanne, B., Georget, V., Paris, F., Jeandel, C., Lumbroso, S., Nicolas, J.-C. (2001) Environmental xenoestrogens, antiandrogens and disorders of male sexual differentiation. *Mol Cell Endocrinol* 178:99-105.

Takeo, J., Yamashita, S. (2000) Rainbow trout androgen receptor- fails to distinguish between any of the natural androgens tested in transactivation assay, not just 11-ketotestosterone and testosterone. *Gen Comp Endocrinol* 117:200-206.

Tamura, H., Maness, S.C., Reischmann, K., Dorman, D.C., Gray, L.E., Gaido, K.W. (2001) Androgen receptor antagonism by the organophosphate insecticide fenitrothion. *Toxicol Sci* 60:56-62.

Terounne, B., Tahiri, B., Georget, V., Belon, C., Poujol, N., Avances, C., Orio, F., Jr., Balaguer, P., Sultan, C. (2000) A stable prostatic bioluminescent cell line to investigate androgen and antiandrogen effects. *Mol Cell Endocrinol* 160:39-49.

Van Dort, M.E., Robins, D.M., Wayburn, B. (2000) Design, synthesis, and pharmacological characterization of 4- [4,4-dimethyl-3-(4-hydroxybutyl)-5-oxo-2-thioxo-1-imidazolidinyl]-2-iodobenzonitrile as a high-affinity nonsteroidal androgen receptor ligand. *J Med Chem* 43:3344-3347.

Vinggaard, A.M., Breinholt, V., Larsen, J.C. (1999) Screening of selected pesticides for oestrogen receptor activation *in vitro*. *Food Addit Contam* 16:533-542.

Vinggaard, A.M., Hnida, C., Larsen, J.C. (2000) Environmental polycyclic aromatic hydrocarbons affect androgen receptor activation *in vitro*. *Toxicology* 145:173-183.

Wang, Q., Fondell, J.D. (2001) Generation of a mammalian cell line stably expressing a tetracycline-regulated epitope-tagged human androgen receptor: Implications for steroid hormone receptor research. *Anal Biochem* 289:217-230.

Wilson, V.S., Bobseine, K., Lambright, C.R., Gray, Jr., L.E. (2002) A novel cell line, MDA-kb2, that stably expresses androgen- and glucocorticoid-responsive reporter for the detection of hormone receptor agonists and antagonists. *Toxicol Sci* 66:1-13.

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