

## 7.0 REFERENCES

Andersen HR, Vinggaard AM, Rasmussen TH, Gjermansen IM, Bonefeld-Jorgensen EC. 2002. Effects of currently used pesticides in assays for estrogenicity, androgenicity, and aromatase activity *in vitro*. *Toxicol Appl Pharmacol* 179:1-12.

Ankley G, Mihaich E, Stahl R, Tillitt D, Colborn T, McMaster S, Miller R, Bantle J, Campbell P, Denslow N, Dickerson R, Folmar L, Fry M, Giesy J, Gray LE, Guiney P, Hutchinson T, Kennedy S, Kramer V, LeBlanc G, Mayes M, Nimrod A, Patino R, Peterson R, Purdy R, Ringer R, Thomas P, Touart L, Van der Kraak G, and Zacharewski T. 1998. Overview of a workshop on screening methods for detecting potential (anti-) estrogenic/androgenic chemicals in wildlife. *Environ Toxicol and Chem* 17:68-87.

Combes, RD. 2000. Endocrine disruptors: A critical review of *in vitro* testing strategies for assessing their toxic hazard to humans. *ATLA* 28:81-118.

Connor K, Howell J, Chen I, Liu H, Berhane K, Sciarretta C, Safe S, Zacharewski T. 1996. Failure of chloro-S-triazine-derived compounds to induce estrogen receptor-mediated responses *in vivo* and *in vitro*. *Fundam Appl Toxicol* 30:93-101.

EPA. 1997. Special Report on Environmental Endocrine Disruption: An Effects Assessment and Analysis. EPA/630/R-96/012. Available: <http://www.epa.gov/ORD/WebPubs/endocrine/endocrine.pdf> [accessed 20 March 2003].

EPA. 1998. Endocrine Disruptor Screening Program; Proposed Statement of Policy. 63 FR 71542-71568. Available: [http://www.epa.gov/scipoly/oscpendo/fr122898\\_1.pdf](http://www.epa.gov/scipoly/oscpendo/fr122898_1.pdf) [accessed 20 March 2003].

EPA. 2001. Good Laboratory Practice Standards. Toxic Substances Control Act. 40 CFR 792. Available: [http://www.access.gpo.gov/nara/cfr/waisidx\\_01/40cfr792\\_01.html](http://www.access.gpo.gov/nara/cfr/waisidx_01/40cfr792_01.html) [accessed 20 March 2003].

EPA. 2002. Good Laboratory Practice Standards. Federal Insecticide, Fungicide and Rodenticide Act. 40 CFR 160. Available: [http://www.access.gpo.gov/nara/cfr/waisidx\\_02/40cfr160\\_02.html](http://www.access.gpo.gov/nara/cfr/waisidx_02/40cfr160_02.html) [accessed 20 March 2003].

FDA. 2002. Good Laboratory Practices for Nonclinical Laboratory Studies. 21 CFR 58. Available: [http://www.access.gpo.gov/nara/cfr/waisidx\\_02/21cfr58\\_02.html](http://www.access.gpo.gov/nara/cfr/waisidx_02/21cfr58_02.html) [accessed 20 March 2003].

FR Notice (Vol. 66, No. 57, pp. 16278-16279, March 23, 2001): Request for Data and Nominations of Expert Scientists for an Independent Peer Review Evaluation of *In Vitro* Estrogen and Androgen Receptor Binding and Transcriptional Activation Assays for Endocrine Disruptor Screening. Available: <http://iccvam.niehs.nih.gov/methods/endocrine.htm> [accessed 20 March 2003].

FR Notice (Vol. 67, No. 66, pp. 16415-16416, April 5, 2002): Notice of an Expert Panel Meeting To Assess the Current Validation Status of *In Vitro* Endocrine Disruptor Screening Methods; Request for Comments. Available: <http://iccvam.niehs.nih.gov/methods/endocrine.htm> [accessed 20 March 2003].

FR Notice (Vol. 67, No. 204, pp. 64902-64903, October 22, 2002): Notice of Availability of an Expert Panel Report on the Current Validation Status of *In Vitro* Endocrine Disruptor Screening Methods and a Proposed List of Substances for Validation of *In Vitro* Endocrine Disruptor Screening Methods; Request for Comments. Available: <http://iccvam.niehs.nih.gov/methods/endocrine.htm> [accessed 20 March 2003].

French FS, Wilson EM, Joseph DR, Lubahn DB. 2001. Androgen receptor proteins, recombinant DNA molecules coding for such, and use of such compositions. U.S. Patent No. 6,307,030.

Gaido KW, Leonard LS, Lovell S, Gould JC, Babai D, Portier CJ, McDonnell DP. 1997. Evaluation of chemicals with endocrine modulating activity in a yeast-based steroid hormone receptor gene transcription assay. *Toxicol Appl Pharmacol* 143:205-212.

Gray LE, Jr, Kelce WR, Wiese T, Tyl R, Gaido K, Cook J, Klinefelter G, Desaulniers D, Wilson E, Zacharewski T, Waller C, Foster P, Laskey J, Reel J, Giesy J, Laws S, McLachlan J, Breslin W, Cooper R, DiGiulio R, Johnson R, Purdy R, Mihaich E, Safe S, Sonnenschein C, Welshons W, Miller R, McMaster S, and Colborn T. 1997. Endocrine screening methods workshop report: Detection of estrogenic and androgenic hormonal and antihormonal activity for chemicals that act via receptor or steroidogenic enzyme mechanisms. *Reprod Toxicol* 11: 719-750.

ICCVAM. 1997. Validation and Regulatory Acceptance of Toxicological Test Methods: A Report of the ad hoc Interagency Coordinating Committee on the Validation of Alternative Methods. NIH Publication No. 97-3981. National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina. Available: <http://iccvam.niehs.nih.gov/docs/guidelines/validate.pdf> [accessed 20 March 2003].

ICCVAM. 1999. Evaluation of the Validation Status of Toxicological Methods: General Guidelines for Submissions to ICCVAM. NIH Publication No. 99-9946. National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina. Available: <http://iccvam.niehs.nih.gov/docs/guidelines/subguide.pdf> [accessed 20 March 2003].

Kuiper GGJM, Enmark E, Peltö-Huikko M, Nilsson S, Gustafsson J-Å. 1996. Cloning of a novel estrogen receptor expressed in rat prostate and ovary. *Proc Natl Acad Sci USA* 93:5925-5930.

Liao S, Chang C. 1997. DNA binding proteins including androgen receptor. U.S. Patent No. 5,614,620.

Munson PJ, Rodbard D. 1980. Ligand – A versatile computerized approach for characterization of ligand-binding systems. *Anal Biochem* 107:220-239.

NAS. 1999. *Hormonally Active Agents in the Environment*. National Academy Press, Washington, DC. Available: <http://www.nap.edu/books/0309064198/html> [accessed on 25 March 2003].

National Library of Medicine, Specialized Information Services, Chemical Information. ChemIDPlus. 2002. Available: <http://sis.nlm.nih.gov/Chem/ChemMain.html> [accessed on 20 March 2003].

NIEHS. 2002a. NICEATM Background Review Document (BRD) “Current Status of Test Methods for Detecting Endocrine Disruptors: *In Vitro* Estrogen Receptor Binding Assays.” National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina. Available: <http://iccvam.niehs.nih.gov/methods/endocrine.htm> [accessed 20 March 2003].

NIEHS. 2002b. NICEATM Background Review Document (BRD) “Current Status of Test Methods for Detecting Endocrine Disruptors: *In Vitro* Estrogen Receptor Transcriptional Activation Assays.” National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina. Available: <http://iccvam.niehs.nih.gov/methods/endocrine.htm> [accessed 20 March 2003].

NIEHS. 2002c. NICEATM Background Review Document (BRD) “Current Status of Test Methods for Detecting Endocrine Disruptors: *In Vitro* Androgen Receptor Binding Assays.” National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina. Available: <http://iccvam.niehs.nih.gov/methods/endocrine.htm> [accessed 20 March 2003].

NIEHS. 2002d. NICEATM Background Review Document (BRD) “Current Status of Test Methods for Detecting Endocrine Disruptors: *In Vitro* Androgen Receptor Transcriptional Activation Assays.” National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina. Available: <http://iccvam.niehs.nih.gov/methods/endocrine.htm> [accessed 20 March 2003].

O'Connor JC, Plowchalk DR, Van Pelt CS, Davis LG, Cook JC. 2000. Role of prolactin in chloro-S-triazine rat mammary tumorigenesis. *Drug Chem Toxicol* 23:575-601.

OECD. 1998. OECD Series on Principle of Good Laboratory Practice and Compliance Monitoring. No. 1. OECD Principles of Good Laboratory Practice. Organisation for Economic Co-operation and Development, Paris, France. Available: <http://www.olis.oecd.org/> [accessed 20 March 2003].

Paris F, Balaguer P, Terouanne B, Servant N, Lacoste C, Cravedi J-P, Nicolas J-C, Sultan C. 2002. Phenylphenols, biphenols, bisphenol-A and 4-tert-octylphenol exhibit  $\alpha$  and  $\beta$  estrogen activities and antiandrogen activity in reporter cell lines. *Mol Cell Endocrinol* 193:43-49.

Parks LG, Ostby JS, Lambright CR, Abbott BD, Klinefelter GR, Barlow NJ, and Gray LE. 2000. The plasticizer diethylhexyl phthalate induces malformations by decreasing fetal testosterone synthesis during sexual differentiation in the male rat. *Toxicol Sci* 58:339-349.

P.L. 104-170. Food Quality Protection Act (FQPA) of 1996. Available: <http://www.epa.gov/opppsp1/fqpa/gpogate.pdf> [accessed 20 March 2003].

P.L. 104-182. Safe Drinking Water Act Amendments (SDWA) of 1996. Available: <http://www.epa.gov/safewater/sdwa/text.html> [accessed 20 March 2003].

P.L. 106-545. ICCVAM Authorization Act of 2000. [114 Stat. 2721]. Available: <http://iccvam.niehs.nih.gov/about/PL106545.pdf> [accessed 20 March 2003].

Raffelsberger W, Wittliff JL. 1997. A novel approach for comparing ligand binding results from titration and competition analyses to study hormone mimics. *J Clin Ligand Assay* 20:275-280.

Sanderson JT, Letcher RJ, Heneweer M, Giesy JP, van den Berg M. 2001. Effects of chloro-S-triazine herbicides and metabolites on aromatase activity in various human cell lines and on vitellogenin production in male carp hepatocytes. *Environ Health Perspect* 109: 1027-1031.

Stoker TE, Laws SC, Guidici DL, Cooper RL. 2000. The effect of atrazine on puberty in male Wistar rats: An evaluation in the protocol for the assessment of pubertal development and thyroid function. *Toxicol Sci* 58:50-59.

The Merck Index: Twelfth Edition on CD-ROM. 1996. Whitehouse Station, New Jersey: Merck & Co., Inc.

Vinggaard AM, Hnida C, Larsen JC. 2000. Environmental polycyclic aromatic hydrocarbons affect androgen receptor activation *in vitro*. *Toxicology* 145:173-183.