

Studies Relevant to the Female Reproductive Toxicity of Bisphenol A Published
Subsequent to the Review by Peretz et al., 2014.

Ahmed, R. A., T. A. ElGhamrawy and E. E. Salama. (2014) Effect of prenatal exposure to bisphenol a on the vagina of albino rats: immunohistochemical and ultrastructural study. Folia Morphologica. **73**(4): 399-408.

Boudalia, S., R. Berges, C. Chabanet, M. Folia, L. Decocq, B. Pasquis, L. Abdennebi-Najar and M. C. Canivenc-Lavier. (2014) A multi-generational study on low-dose BPA exposure in Wistar rats: effects on maternal behavior, flavor intake and development. Neurotoxicology and Teratology. **41**: 16-26.

Buck Louis, G. M., R. Sundaram, A. M. Sweeney, E. F. Schisterman, J. Maisog and K. Kannan. (2014) Urinary bisphenol A, phthalates, and couple fecundity: the Longitudinal Investigation of Fertility and the Environment (LIFE) Study. Fertil Steril. **101**(5): 1359-1366.

Burstyn, I., J. W. Martin, S. Beeson, F. Bamforth, Q. Li, Y. Yasui and N. M. Cherry. (2013) Maternal exposure to bisphenol-A and fetal growth restriction: a case-referent study. International Journal of Environmental Research and Public Health. **10**(12): 7001-7014.

Calhoun, K. C., E. Padilla-Banks, W. N. Jefferson, L. Liu, K. E. Gerrish, S. L. Young, C. E. Wood, P. A. Hunt, C. A. Vandevort and C. J. Williams. (2014) Bisphenol A exposure alters developmental gene expression in the fetal rhesus macaque uterus. PloS One. **9**(1): e85894.

Caserta, D., G. Bordi, F. Ciardo, R. Marci, C. La Rocca, S. Tait, B. Bergamasco, L. Stecca, A. Mantovani, C. Guerranti, E. L. Fanello, G. Perra, F. Borghini, S. E. Focardi and M. Moscarini. (2013) The influence of endocrine disruptors in a selected population of infertile women. Gynecol Endocrinol. **29**(5): 444-447.

Chen, X., M. Chen, B. Xu, R. Tang, X. Han, Y. Qin, B. Xu, B. Hang, Z. Mao, W. Huo, Y. Xia, Z. Xu and X. Wang. (2013) Parental phenols exposure and spontaneous abortion in Chinese population residing in the middle and lower reaches of the Yangtze River. Chemosphere. **93**(2): 217-222.

Chevrier, J., R. B. Gunier, A. Bradman, N. T. Holland, A. M. Calafat, B. Eskenazi and K. G. Harley. (2013) Maternal urinary bisphenol a during pregnancy and maternal and neonatal thyroid function in the CHAMACOS study. Environ Health Perspect. **121**(1): 138-144.

Christiansen, S., M. Axelstad, J. Boberg, A. M. Vinggaard, G. A. Pedersen and U. Hass. (2014) Low-dose effects of bisphenol A on early sexual development in male and female rats. Reproduction. **147**(4): 477-487.

Dhimolea, E., P. R. Wadia, T. J. Murray, M. L. Settles, J. D. Treitman, C. Sonnenschein, T. Shioda and A. M. Soto. (2014) Prenatal exposure to BPA alters the epigenome of the rat mammary gland and increases the propensity to neoplastic development. PLoS One. **9**(7): e99800.

Kundakovic, M., K. Gudsnuk, B. Franks, J. Madrid, R. L. Miller, F. P. Perera and F. A. Champagne. (2013) Sex-specific epigenetic disruption and behavioral changes following low-dose in utero bisphenol A exposure. Proceedings of the National Academy of Sciences. **110**(24): 9956-9961.

Lathi, R. B., C. A. Liebert, K. F. Brookfield, J. A. Taylor, S. F. S. vom, V. Y. Fujimoto and V. L. Baker. (2014) Conjugated bisphenol A in maternal serum in relation to miscarriage risk. Fertility and Sterility. **102**(1): 123-128.

Lee, B. E., H. Park, Y. C. Hong, M. Ha, Y. Kim, N. Chang, B. N. Kim, Y. J. Kim, S. D. Yu and E. H. Ha. (2014) Prenatal bisphenol A and birth outcomes: MOCEH (Mothers and Children's Environmental Health) study. International Journal of Hygiene and Environmental Health. **217**(2-3): 328-334.

Lee, S. G., J. Y. Kim, J. Y. Chung, Y. J. Kim, J. E. Park, S. Oh, Y. D. Yoon, K. S. Yoo, Y. H. Yoo and J. M. Kim. (2013) Bisphenol A exposure during adulthood causes augmentation of follicular atresia and luteal regression by decreasing 17 β -estradiol synthesis via downregulation of aromatase in rat ovary. Environmental Health Perspectives. **121**(6): 663-669.

Li, Y., W. Zhang, J. Liu, W. Wang, H. Li, J. Zhu, S. Weng, S. Xiao and T. Wu. (2014) Prepubertal bisphenol A exposure interferes with ovarian follicle development and its relevant gene expression. Reprod Toxicol. **44**: 33-40.

McCaffrey, K. A., B. Jones, N. Mabrey, B. Weiss, S. H. Swan and H. B. Patisaul. (2013) Sex specific impact of perinatal bisphenol A (BPA) exposure over a range of orally administered doses on rat hypothalamic sexual differentiation. Neurotoxicology. **36**: 55-62.

Peretz, J. and J. A. Flaws. (2013) Bisphenol A down-regulates rate-limiting Cyp11a1 to acutely inhibit steroidogenesis in cultured mouse antral follicles. Toxicology and Applied Pharmacology. **271**(2): 249-256.

Peretz, J., S. L. Neese and J. A. Flaws. (2013) Mouse strain does not influence the overall effects of bisphenol a-induced toxicity in adult antral follicles. Biology of Reproduction. **89**(5): 108.

Romani, F., A. Tropea, E. Scarinci, R. C. Dello, L. Lisi, S. Catino, A. Lanzone and R. Apa. (2013) Endocrine disruptors and human corpus luteum: in vitro effects of phenols on luteal cells function. Journal of Environmental Science and Health. Part C, Environmental Carcinogenesis & Ecotoxicology Reviews. **31**(2): 170-180.

Salloum, B. A., T. L. Steckler, C. Herkimer, J. S. Lee and V. Padmanabhan. (2013) Developmental programming: impact of prenatal exposure to bisphenol-A and methoxychlor on steroid feedbacks in sheep. Toxicology and Applied Pharmacology. **268**(3): 300-308.

Snijder, C. A., D. Heederik, F. H. Pierik, A. Hofman, V. W. Jaddoe, H. M. Koch, M. P. Longnecker and A. Burdorf. (2013) Fetal growth and prenatal exposure to bisphenol A: the generation R study. Environmental Health Perspectives. **121**(3): 393-398.

Tan, W., H. Huang, Y. Wang, T. Y. Wong, C. C. Wang and L. K. Leung. (2013) Bisphenol A differentially activates protein kinase C isoforms in murine placental tissue. Toxicology and Applied Pharmacology. **269**(2): 163-168.

Tang, R., M. J. Chen, G. D. Ding, X. J. Chen, X. M. Han, K. Zhou, L. M. Chen, Y. K. Xia, Y. Tian and X. R. Wang. (2013) Associations of prenatal exposure to phenols with birth outcomes. Environmental Pollution. **178**: 115-120.

Teng, C., B. Goodwin, K. Shockley, M. Xia, R. Huang, J. Norris, B. A. Merrick, A. M. Jetten, C. P. Austin and R. R. Tice. (2013) Bisphenol A affects androgen receptor function via multiple mechanisms. Chem Biol Interact. **203**(3): 556-564.

Trapphoff, T., M. Heiligentag, H. N. El, T. Haaf and U. Eichenlaub-Ritter. (2013) Chronic exposure to a low concentration of bisphenol A during follicle culture affects the epigenetic status of germinal vesicles and metaphase II oocytes. Fertility and Sterility. **100**(6): 1758-1767 e1751.

Veiga-Lopez, A., E. M. Beckett, S. B. Abi, W. Ye and V. Padmanabhan. (2014) Developmental programming: prenatal BPA treatment disrupts timing of LH surge and ovarian follicular wave dynamics in adult sheep. Toxicology and Applied Pharmacology. **279**(2): 119-128.

Veiga-Lopez, A., L. J. Luense, L. K. Christenson and V. Padmanabhan. (2013) Developmental programming: gestational bisphenol-A treatment alters trajectory of fetal ovarian gene expression. Endocrinology. **154**(5): 1873-1884.

Wadia, P. R., N. J. Cabaton, M. D. Borrero, B. S. Rubin, C. Sonnenschein, T. Shioda and A. M. Soto. (2013) Low-dose BPA exposure alters the mesenchymal and epithelial transcriptomes of the mouse fetal mammary gland. PloS One. **8**(5): e63902.

Weinberger, B., A. M. Vetrano, F. E. Archer, S. W. Marcella, B. Buckley, D. Wartenberg, M. G. Robson, J. Klim, S. Azhar, S. Cavin, L. Wang and D. Q. Rich. (2014) Effects of maternal exposure to phthalates and bisphenol A during pregnancy on gestational age. J Matern Fetal Neonatal Med. **27**(4): 323-327.

Zhang, T., L. Li, X. S. Qin, Y. Zhou, X. F. Zhang, L. Q. Wang, F. M. De, H. Chen, G. Q. Qin and W. Shen. (2014) Di-(2-ethylhexyl) phthalate and bisphenol A exposure impairs mouse primordial follicle assembly in vitro. Environmental and Molecular Mutagenesis. **55**(4): 343-353.