

- 23) Biesemeier, J. A. and D.L. Harris (1974): Primary skin irritation and primary eye irritation in albino rabbits, sample T-1117 (FC-95). WARF Institute Inc. U.S.EPA AR226-0647.
- 24) Ikeda, T., K. Fukuda, I. Mori, M. Enomoto, T. Komai and T. Suga (1987): Induction of cytochrome P-450 and peroxisome proliferation in rat liver by perfluorinated octanesulfonic acid. In *Peroxisomes in Biology and Medicine* (H. D. Fahimi and H. Sies, Eds.), pp. 304-308. Springer-Verlag, New York.
- 25) Sohlenius, A.K., A.M. Eriksson, C. Hogstrom, M. Kimland and J.W. DePierre (1993): Perfluorooctane sulfonic acid is a potent inducer of peroxisomal fatty acid beta-oxidation and other activities known to be affected by peroxisome proliferators in mouse liver. *Pharmacol. Toxicol.* 72: 90-93.
- 26) Berthiaume, J. and K.B. Wallace (2002): Perfluorooctanoate, perfluorooctanesulfonate, and N-ethyl perfluorooctanesulfonamido ethanol; peroxisome proliferation and mitochondrial biogenesis. *Toxicol. Lett.* 129: 23-32.
- 27) Shipley, J.M., C.H. Hurst, S.S. Tanaka, F.L. DeRoos, J.L. Butenhoff, A.M. Seacat and D.J. Waxman (2004): *trans*-activation of PPARalpha and induction of PPARalpha target genes by perfluorooctane-based chemicals. *Toxicol. Sci.* 80: 151-160.
- 28) Vanden Heuvel, J.P., J.T. Thompson, S.R. Frame and P.J. Gillies (2006): Differential activation of nuclear receptors by perfluorinated fatty acid analogs and natural fatty acids: a comparison of human, mouse, and rat peroxisome proliferator-activated receptor-alpha, -beta, and -gamma, liver X receptor-beta, and retinoid X receptor-alpha. *Toxicol. Sci.* 92: 476-489.
- 29) Takacs, M.L. and B.D. Abbott (2007): Activation of mouse and human peroxisome proliferator-activated receptors (alpha, beta/delta, gamma) by perfluorooctanoic acid and perfluorooctane sulfonate. *Toxicol. Sci.* 95: 108-117.
- 30) Seacat, A.M., P.J. Thomford, K.J. Hansen, L.A. Clemen, S.R. Eldridge, C.R. Elcombe and J.L. Butenhoff (2003): Sub-chronic dietary toxicity of potassium perfluorooctanesulfonate in rats. *Toxicology* 183: 117-131.
- 31) Seacat, A.M., P.J. Thomford, K.J. Hansen, L.A. Clemen, S.R. Eldridge, C.R. Elcombe and J.L. Butenhoff (2003): Erratum to "Sub-chronic dietary toxicity of potassium perfluorooctanesulfonate in rats" [*Toxicology*. 183:117-131]. *Toxicology*. 192: 263-264.
- 32) 野原恵子 (2007): トキシコゲノミクスを利用した環境汚染物質の免疫毒性評価法. 国立環境研究所. <http://www.nies.go.jp/health/toxicogm/riyo/nohara-0.html>.
- 33) Goldenthal, E.I., D.C. Jessup, R.G. Geil and J.S. Mehring (1978): Ninety day subacute rat toxicity study. Study No. 137-085. International Research and Development Corporation. U.S.EPA AR226-0139, AR226-0255.
- 34) Thomford, P.J. (2002): 104-week dietary chronic toxicity and carcinogenicity study with perfluorooctane sulfonic acid potassium salt (PFOS; T-6295) in rats. Covance study No. 6329-183. Covance Laboratories Inc. U.S.EPA AR226-1070a, AR226-0956.
- 35) Seacat, A.M., P.J. Thomford and J.L. Butenhoff (2002): Terminal observations in Sprague-Dawley rats after lifetime dietary exposure to potassium perfluorooctanesulfonate. *Toxicol. Sci.* 66 (Suppl.): 185.

- 36) Goldenthal, E.I., D.C. Jessup, R.G. Geil and J.S. Mehring (1979): Ninety day subacute rhesus monkey toxicity study. Study No. 137-087. International Research and Development Corporation. U.S.EPA AR226-0138, AR226-0256.
- 37) Goldenthal, E.I., D.C. Jessup, R.G. Geil and J.S. Mehring (1978): Ninety-day subacute rhesus monkey toxicity study. Study No. 137-092. International Research and Development Corporation. U.S.EPA AR226-0137.
- 38) Gortner, E.G. (1980): Oral teratology study of FC-95 in rats. Experiment No. 0680TR0008. Safety Evaluation Laboratory and Riker Laboratories, Inc. U.S.EPA AR226-0016.
- 39) Wetzel, L.T. (1983): Rat teratology study, T-3351, Final Report. Project No. 154-160. Hazleton Laboratories America, Inc. U.S.EPA AR226-0014.
- 40) Thibodeaux, J.R., R.G. Hanson, J.M. Rogers, B.E. Grey, B.D. Barbee, J.H. Richards, J.L. Butenhoff, L.A. Stevenson and C. Lau (2003): Exposure to perfluorooctane sulfonate during pregnancy in rat and mouse. I: Maternal and prenatal evaluations. *Toxicol. Sci.* 74: 369-381.
- 41) Thibodeaux, J.R., R.G. Hanson, J.M. Rogers, B.E. Grey, B.D. Barbee, J.H. Richards, J.L. Butenhoff, L.A. Stevenson and C. Lau (2004): Erratum. Exposure to perfluorooctane sulfonate during pregnancy in rat and mouse: Maternal and prenatal evaluations. *Toxicol. Sci.* 82: 359.
- 42) Lau, C., J.R. Thibodeaux, R.G. Hanson, J.M. Rogers, B.E. Grey, M.E. Stanton, J.L. Butenhoff and L.A. Stevenson (2003): Exposure to perfluorooctane sulfonate during pregnancy in rat and mouse. II: Postnatal evaluation. *Toxicol. Sci.* 74: 382-392.
- 43) Christian, M.S., A.M. Hoberman and R.G. York (1999): Oral (Stomach Tube) Developmental Toxicity Study of PFOS in Rabbits. Protocol No. 418-012. Argus Research Laboratories, Inc. U.S.EPA AR226-0949.
- 44) Case, M.T., R.G. York and M.S. Christian (2001): Rat and rabbit oral developmental toxicology studies with two perfluorinated compounds. *Int. J. Toxicol.* 20: 101-109.
- 45) Luebker, D.J., M.T. Case, R.G. York, J.A. Moore, K.J. Hansen and J.L. Butenhoff (2005): Two-generation reproduction and cross-foster studies of perfluorooctanesulfonate (PFOS) in rats. *Toxicology.* 215: 126-148.
- 46) Grasty, R.C., B.E. Grey, C.S. Lau and J.M. Rogers (2003): Prenatal window of susceptibility to perfluorooctane sulfonate-induced neonatal mortality in the Sprague-Dawley rat. *Birth Defects Res. B: Dev. Reprod. Toxicol.* 68: 465-471.
- 47) Grasty, R.C., N. Roberts, G. Klinefelter, J.A. Bjork, K.B. Wallace, C.S. Lau and J.M. Rogers (2005): Effects of prenatal perfluorooctanesulfonate (PFOS) exposure on lung maturation in the perinatal rat. *Birth Defects Res. Part A: Clin. Mol. Teratol.* 73: 314.
- 48) Luebker, D.J., R.G. York, K.J. Hansen, J.A. Moore and J.L. Butenhoff (2005): Neonatal mortality from *in utero* exposure to perfluorooctanesulfonate (PFOS) in Sprague-Dawley rats: dose-response, and biochemical and pharmacokinetic parameters. *Toxicology.* 215:149-169.
- 49) Fan, Y.O., Y.H. Jin, Y.X. Ma and Y.H. Zhang (2005): Effects of perfluorooctane sulfonate on spermiogenesis function of male rats. *Wei. Sheng. Yan. Jiu.* 34: 37-39. (in Chinese).

- 50) Alexander, B.H., G.W. Olsen, J.M. Burris, J.H. Mandel and J.S. Mandel (2003): Mortality of employees of a perfluorooctanesulphonyl fluoride manufacturing facility. *Occup. Environ. Med.* 60: 722-729.
- 51) Grice, M.M., B.H. Alexander, R. Hoffbeck and D.M. Kampa (2007): Self-reported medical conditions in perfluorooctanesulphonyl fluoride manufacturing workers. *J. Occup. Environ. Med.* 49: 722-729.
- 52) Olsen, G.W., M.M. Burlew, J.C. Marshall, J.M. Burris and J.H. Mandel (2004): Analysis of episodes of care in a perfluorooctanesulphonyl fluoride production facility. *J. Occup. Environ. Med.* 46: 837-846.
- 53) Olsen, G.W., M.M. Burlew, J.M. Burris, J.H. Mandel (2001): A cross-sectional analysis of serum perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) in relation to clinical chemistry, thyroid hormone, hematology and urinalysis results from male and female employee participants of the 2000 Antwerp and Decatur fluorochemical medical surveillance program. Final report. 3M Medical Department. U.S.EPA AR226-1047.
- 54) Olsen, G.W., J.M. Burris, M.M. Burlew and J.H. Mandel (2003): Epidemiologic assessment of worker serum perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) concentrations and medical surveillance examinations. *J. Occup. Environ. Med.* 45: 260-270.
- 55) Olsen, G.W., M.M. Burlew, J.M. Burris and J.H. Mandel (2001): A Longitudinal analysis of serum perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) levels in relation to lipid and hepatic clinical chemistry test results from male employee participants of the 1994/95, 1997, and 2000 fluorochemical medical surveillance program. 3M Final Report. U.S.EPA AR226-1088.
- 56) Apelberg, B.J., F.R. Witter, J.B. Herbstman, A.M. Calafat, R.U. Halden, L.L. Needham and L.R. Goldman (2007): Cord serum concentrations of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) in relation to weight and size at birth. *Environ. Health Perspect.* 115: 1670-1676.
- 57) Fei, C., J.K. McLaughlin, R.E. Tarone and J. Olsen (2007): Perfluorinated chemicals and fetal growth: A study within the Danish National Birth Cohort. *Environ. Health Perspect.* 115: 1677-1682.
- 58) Inoue, K., F. Okada, R. Ito, S. Kato, S. Sasaki, S. Nakajima, A. Uno, Y. Saijo, F. Sata, Y. Yoshimura, R. Kishi and H. Nakazawa (2004): Perfluorooctane sulfonate (PFOS) and related perfluorinated compounds in human maternal and cord blood samples: assessment of PFOS exposure in a susceptible population during pregnancy. *Environ. Health Perspect.* 112: 1204-1207.
- 59) Litton Bionetics, Inc. (1978): Mutagenicity evaluation of T-2014 CoC in the Ames *Salmonella*/microsome plate test. U.S.EPA AR226-0128.
- 60) Mecchi, M. S. (1999): *Salmonella- Eschericia coli*/mammalian-microsome reverse mutation assay with PFOS. Covance study No. 20784-0-409. Covance Laboratories Inc. U.S.EPA AR226-0133.
- 61) Murli, H. (1999): Chromosomal aberrations in human whole blood lymphocytes with PFOS. Covance study No. 20784-0-449. Covance Laboratories Inc. U.S.EPA AR226-0131.