

TOX IVOS PUBLICATIONS (by Date)

| Date | Citation | Species |
|------|---|---------|
| 2011 | Campion SN, Hurtt ME, Chatman LA, Cappon GD. Toxicity study in juvenile rats with the $\alpha(4)$ $\beta(2)$ nicotinic acetylcholine receptor partial agonist CP-601,927. Birth Defects Res B Dev Reprod Toxicol. 2011 May 18. doi: 10.1002/bdrb.20298. [Epub ahead of print] PubMed PMID: 21594972. | Rat |
| 2011 | Cappon GD, Chapin RE, Hurtt ME, Wajnrajch MP, Burns-Naas LA. Impaired reproduction in adult male, but not female, rats following juvenile treatment with the aromatase inhibitor, exemestane. Birth Defects Res B Dev Reprod Toxicol. 2011 Jun 15. doi: 10.1002/bdrb.20307. [Epub ahead of print] PubMed PMID: 21678547. | Rat |
| 2011 | Hirata-Koizumi M, Fujii S, Ono A, Hirose A, Imai T, Ogawa K, Ema M, Nishikawa A. Evaluation of the reproductive and developmental toxicity of aluminium ammonium sulfate in a two-generation study in rats. Food and Chemical Toxicology, In Press, Accepted Manuscript, Available online 5 May 2011, ISSN 0278-6915, DOI: 10.1016/j.fct.2011.04.035. | Rat |
| 2011 | Otabe A, Fujieda T, Masuyama T. A two-generation reproductive toxicity study of the high-intensity sweetener advantame in CD rats, Food and Chemical Toxicology, In Press, Accepted Manuscript, Available online 6 July 2011, ISSN 0278-6915, DOI: 10.1016/j.fct.2011.07.002. | Rat |
| 2010 | Cao D, Li Y, Yang R, Wang Y, Zhou Y, Diao H, Zhao Y, Zhang Y, Lu J. Lipopolysaccharide-Induced Epididymitis Disrupts Epididymal Beta-Defensin Expression and Inhibits Sperm Motility in Rats. Biol Reprod. 2010 Sep 8. [Epub ahead of print] PubMed PMID: 20826730. | Rat |
| 2008 | Hoberman AM, Schreur DK, Leazer T, Daston GP, Carthew P, Re T, Loretz L, Mann P. Lack of effect of butylparaben and methylparaben on the reproductive system in male rats. Birth Defects Res B Dev Reprod Toxicol. 2008 Apr;83(2):123-33. PubMed PMID: 18393383. | Rat |
| 2008 | Xu W, Zhang X, Chen W, Fok KL, Rowlands DK, Chui YL, Chan HC. Immunization with Bin1b decreases sperm motility with compromised fertility in rats. Fertil Steril. 2009 Jan 7. [Epub ahead of print] PubMed PMID: 19135192. | Rat |

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|------|--|---------|
| 2007 | Hsu PC, Pan MH, Li LA, Chen CJ, Tsai SS, Guo YL. Exposure in utero to 2,2',3,3',4,6'-hexachlorobiphenyl (PCB 132) impairs sperm function and alters testicular apoptosis-related gene expression in rat offspring. <i>Toxicol Appl Pharmacol.</i> 2007 May 15;221(1):68-75. Epub 2007 Mar 2. PubMed PMID: 17445852 | Rat |
| 2006 | Bieber AM, Marcon L, Hales BF, Robaire B. Effects of chemotherapeutic agents for testicular cancer on the male rat reproductive system, spermatozoa, and fertility. <i>J Androl.</i> 2006 Mar-Apr;27(2):189-200. Epub 2005 Nov 8. PubMed PMID: 16278370 | Rat |
| 2006 | Kato H, Furuhashi T, Tanaka M, Katsu Y, Watanabe H, Ohta Y, Iguchi T. Effects of bisphenol A given neonatally on reproductive functions of male rats. <i>Reprod Toxicol.</i> 2006 Jul;22(1):20-9. Epub 2005 Nov 28. PubMed PMID: 16311018 | Rat |
| 2006 | Si W, Benson JD, Men H, Critser JK. Osmotic tolerance limits and effects of cryoprotectants on the motility, plasma membrane integrity and acrosomal integrity of rat sperm. <i>Cryobiology.</i> 2006 Dec;53(3):336-48. Epub 2006 Nov 3. PubMed PMID: 17084388 | Rat |
| 2006 | Tully DB, Bao W, Goetz AK, Blystone CR, Ren H, Schmid JE, Strader LF, Wood CR, Best DS, Narotsky MG, Wolf DC, Rockett JC, Dix DJ. Gene expression profiling in liver and testis of rats to characterize the toxicity of triazole fungicides. <i>Toxicol Appl Pharmacol.</i> 2006 Sep 15;215(3):260-73. Epub 2006 Apr 27. PubMed PMID: 16643972 | Rat |
| 2006 | Tyl RW, Myers CB, Marr MC, Castillo NP, Seely JC, Sloan CS, Veselica MM, Joiner RL, Van Miller JP, Simon GS. Three-generation evaluation of dietary para-nonylphenol in CD (Sprague-Dawley) rats. <i>Toxicol Sci.</i> 2006 Jul;92(1):295-310. Epub 2006 Apr 19. PubMed PMID: 16624851. | Rat |
| 2006 | Wang RS, Ohtani K, Suda M, Nakajima T. Inhibitory effect of ethylene glycol monoethyl ether on rat sperm motion. <i>Ind Health.</i> 2006 Oct;44(4):665-8. PubMed PMID: 17085930 | Rat |
| 2005 | Henderson NA, Robaire B. Effects of PNU157706, a dual 5alpha-reductase inhibitor, on rat epididymal sperm maturation and fertility. <i>Biol Reprod.</i> 2005 Feb;72(2):436-43. Epub 2004 Oct 13. PubMed PMID: 15483222 | Rat |
| 2004 | Kawaguchi T, Kawachi M, Morikawa M, Kazuta H, Shibata K, Ishida M, Kitagawa N, Matsuo A, Kadota T. Key parameters of sperm motion in relation to male fertility in rats given alpha-chlorohydrin or nitrobenzene. <i>J Toxicol Sci.</i> 2004 Aug;29(3):217-31. PubMed PMID: 15467271 | Rat |

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|-------------|---|----------------|
| 2004 | Zhou CX, Zhang YL, Xiao L, Zheng M, Leung KM, Chan MY, Lo PS, Tsang LL, Wong HY, Ho LS, Chung YW, Chan HC. An epididymis-specific beta-defensin is important for the initiation of sperm maturation. <i>Nat Cell Biol.</i> 2004 May;6(5):458-64. PubMed PMID: 15122269. | Rat |
| 2002 | Kato M, Fukunishi K, Ikegawa S, Higuchi H, Sato M, Horimoto M, Ito S. Overview of studies on rat sperm motion analysis using a Hamilton-Thorne Sperm Analyzer--collaborative working study. <i>J Toxicol Sci.</i> 2001 Dec;26(5):285-97. PubMed PMID: 11871125 | Rat |
| 2002 | Sato M, Ohta R, Kojima K, Shirota M. Differences in sperm motion between high- and low-shuttlebox avoidance rats (Hatano strains). <i>J Androl.</i> 2002 Mar-Apr;23(2):250-8. PubMed PMID: 11868819 | Rat |
| 2001 | Kato M, Fukunishi K, Ikegawa S, Higuchi H, Sato M, Horimoto M, Ito S. Overview of studies on rat sperm motion analysis using a Hamilton-Thorne Sperm Analyzer--collaborative working study. <i>J Toxicol Sci.</i> 2001 Dec;26(5):285-97. PubMed PMID: 11871125. | Rat |
| 2001 | Kato M, Makino S, Kimura H, Ota T, Furuhashi T, Nagamura Y. Sperm motion analysis in rats treated with adriamycin and its applicability to male reproductive toxicity studies. <i>J Toxicol Sci.</i> 2001 Feb;26(1):51-9. PubMed PMID: 11255793 | Rat |
| 2000 | Cancel AM, Lobdell D, Mendola P, Perreault SD. Objective evaluation of hyperactivated motility in rat spermatozoa using computer-assisted sperm analysis. <i>Hum Reprod.</i> 2000 Jun;15(6):1322-8. PubMed PMID: 10831563. | Rat |
| 2000 | Horimoto M, Isobe Y, Isogai Y, Tachibana M. Rat epididymal sperm motion changes induced by ethylene glycol monoethyl ether, sulfasalazine, and 2,5-hexandione. <i>Reprod Toxicol.</i> 2000 Jan-Feb;14(1):55-63. PubMed PMID: 10689203 | Rat |
| 1996 | Strader LF, Linder RE, Perreault SD. Comparison of rat epididymal sperm counts by IVOS HTM-IDENT and hemacytometer. <i>Reprod Toxicol.</i> 1996 Nov-Dec;10(6):529-33. PubMed PMID: 8946567 | Rat |