別添-1　評価書HBGV設定根拠文献リスト

著者名	発行年	タイトル	書誌情報	PMID	doi	引用評価書	●Key Study(評価書名) ○周辺データ	EFSA2023	EFSA2015	BfR 2023	KEMI 2012	ANSES 2013	FDA 2014	NIFDS 2025	(参考) CLARITY-BPA関連
Dong Y.D., Gao L., Wu F.J., Lin R., Meng Y., Jia L.H., and Wang X.F	2020	Abnormal differentiation of regulatory T cells and Th17 cells induced by perinatal bisphenol A exposure in female offspring mice	Molecular and Cellular Toxicology 16 (2), 167-174.	-	10.1007/s13273-019-00067-4	BfR 2023	○	-	-	○	-	-	-	-	-
Gao L., Dong Y., Lin R., Meng Y., Wu F., and Jia L	2020	The imbalance of Treg/Th17 cells induced by perinatal bisphenol A exposure is associated with activation of the PI3K/Akt/mTOR signaling pathway in male offspring mice	Food and Chemical Toxicology 137:111177.	32028014	10.1016/j.fct.2020.111177	BfR 2023	○	-	-	○	-	-	-	-	-
Tajiki-Nishino R, Makino E, Watanabe Y, Tajima H, Ishimota M and Fukuyama T	2018	Oral administration of bisphenol A directly exacerbates allergic airway inflammation but not allergic skin inflammation in mice	Toxicol Sci. 165(2):314-321.	29846729	10.1093/toxsci/kfy132	EFSA 2023	○	○	-	-	-	-	-	-	-
Luo S., Li Y., Li Y., Zhu Q., Jiang J., Wu C., and Shen T	2016	Gestational and lactational exposure to low-dose bisphenol A increases Th17 cells in mice offspring	Environmental Toxicology and Pharmacology 47, 149-158.	27693988	10.1016/j.etap.2016.09.017	EFSA 2023 BfR 2023	●(EFSA2023)	●	-	○	-	-	-	-	-
Nygaard U.C., Vinje N.E., Samuelsen M., Andreassen M., Groeng E.C., Bølling A.K., Becher R., Lovik M., and Bodin J	2015	Early life exposure to bisphenol A investigated in mouse models of airway allergy, food allergy and oral tolerance	Food and Chemical Toxicology 83, 17-25.	26048442	10.1016/j.fct.2015.05.009	BfR 2023	○	-	-	○	-	-	-	-	-
Wei J, Lin Y, Li Y, Ying C, Chen J, Song L, Zhou Z, Lv Z, Xia W, Chen X, Xu S.	2011	Perinatal exposure to bisphenol A at reference dose predisposes offspring to metabolic syndrome in adult rats on a high-fat diet	Endocrinology 152(8):	21586551	10.1210/en.2011-0045	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-
Miyawaki J, Sakayama K, Kato H, Yamamoto H, Masuno H.	2007	Perinatal and postnatal exposure to bisphenol A increases adipose tissue mass and serum cholesterol level in mice.	J Atheroscler Thromb 14(5):245-52.	17938543	10.5551/jat.e486	ANSES 2013	●(ANSES)	-	-	-	-	●	-	-	-
Chen Z, Li T, Zhang L, Wang H and Hu F	2018	Bisphenol A exposure remodels cognition of male rats attributable to excitatory alterations in the hippocampus and visual cortex	Toxicology. 410:132-141.	30312744	10.1016/j.tox.2018.10.002	EFSA 2023	○	○	-	-	-	-	-	-	-
Xin F, Fischer E, Krapp C, Krizman EN, Lan Y, Mesaros C, Snyder NW, Bansal A, Robinson MB, Simmons RA and Bartolomei MS	2018	Mice exposed to bisphenol A exhibit depressive-like behavior with neurotransmitter and neuroactive steroid dysfunction	Horm Behav. 102:93-104.	29763587	1016/j.yhbeh.2018.05.010	EFSA 2023	○	○	-	-	-	-	-	-	-
Zhou YX, Wang ZY, Xia MH, Zhuang SY, Gong XB, Pan JW, Li CH, Fan RF, Pang QH and Lu SY	2017	Neurotoxicity of low bisphenol A (BPA) exposure for young male mice: implications for children exposed to environmental levels of BPA	Environ Pollut. 229:40-48.	28577381	10.1016/j.envpol.2017.05.043	EFSA 2023	○	○	-	-	-	-	-	-	-
Johnson SA, Javurek AB, Painter MS, Ellersieck MR, Welsh TH, Camacho L, Lewis SM, Vanlandingham MM, Ferguson SA and Rosenfeld CS	2016	Effects of developmental exposure to bisphenol A on spatial navigational learning and memory in rats: a CLaRITY-BPA study	Horm Behav. 80:139-148.	26436835	10.1016/j.yhbeh.2015.09.005	EFSA 2023	○	○	-	-	-	-	-	-	1
Khadrawy YA, Noor NA, Mourad IM and Ezz HSA	2016	Neurochemical impact of bisphenol A in the hippocampus and cortex of adult male albino rats	Toxicol Ind Health. 32(9):1711-9.	25903087	10.1177/0748233715579803	EFSA 2023	○	○	-	-	-	-	-	-	-
Kimura E, Matsuyoshi C, Miyazaki W, Benner S, Hosokawa M, Yokoyama K, Kakeyama M and Tohyama C	2016	Prenatal exposure to bisphenol A impacts neuronal morphology in the hippocampal CA1 region in developing and aged mice	Arch Toxicol. 90(3):691-700.	25804199	10.1007/s00204-015-1485-x	EFSA 2023	○	○	-	-	-	-	-	-	-
Xu XH, Dong FN, Yang YL, Wang Y, Wang R and Shen XY	2015	Sex-specific effects of long-term exposure to bisphenol-A on anxiety- and depression-like behaviors in adult mice	Chemosphere. 120:258-66.	25112706	10.1016/j.chemosphere.2014.07.021	EFSA 2023	○	○	-	-	-	-	-	-	-
Liu ZH, Wang HL, Wu S, Liu Y and Chen XT	2014	Developmental bisphenol-A exposure affects hippocampal dentate gyrus area spine formation through Wnt/β-catenin signaling	Chin J Pharmacol Toxicol 28(2):161-167	-	-	EFSA 2023	○	○	-	-	-	-	-	-	-
Viberg H, Fredriksson A, Buratovic S, Eriksson P.	2011	Dose-dependent behavioral disturbances after a single neonatal Bisphenol A dose.	Toxicology 290: 187-194.	21971502	10.1016/j.tox.2011.09.006	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-
Xu X, Tian D, Hong X, Chen L, Xie L.	2011	Sex-specific Influence of Exposure to bisphenol-A Between Adolescence and Young Adulthood on Mouse Behaviors	Neuropharmacology 61: 565–573.	21570416	10.1016/j.neuropharm.2011.04.027	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-
Xu X.-h., Zhang J., Wang Y.-m., Ye Y.-p., and Luo Q.-q.	2010	Perinatal exposure to bisphenol-A impairs learning-memory by concomitant down-regulation of N-methyl-D-aspartate receptors of hippocampus in male offspring mice	Hormones and Behavior 58 (2), 326-333.	20206181	10.1016/j.yhbeh.2010.02.012	KEMI 2012 ANSES 2013	●(KEMI,ANSES)	-	-	-	●	●	-	-	-
Ryan BC, Vandenbergh JG.	2006	Developmental exposure to environmental estrogens alters anxiety and spatial memory in female mice.	Horm Behav 50: 85-93.	16540110	10.1016/j.yhbeh.2006.01.007	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-

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Carr RL, Bertasi FR, Betancourt AM, Bowers SD, Gandy BS, Ryan PL, Willard ST.	2003	Effect of neonatal rat bisphenol A exposure on performance in the Morris water maze	J Tox Environ Health Part A 66: 2077-2088.	14555403	10.1080/15287390306378	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-
Alabi O.A., Ologbonjaye K.I., Sorungbe A.A., Shokunbi O.S., Omotunwase O.I., Lawanson G., and Ayodele O.G.	2021	Bisphenol A-induced Alterations in Diferent Stages of Spermatogenesis and Systemic Toxicity in Albino Mice (Mus musculus)	Journal of Health and Pollution 11 (29):210307.	33815905	10.5696/2156-9614-11.29.210307	BfR 2023	○	-	-	○	-	-	-	-	-
Rahman M.S., Pang W.K., Ryu D.Y., Park Y.J., Ryu B.Y., and Pang M.G	2021	Multigenerational impacts of gestational bisphenol A exposure on the sperm function and fertility of male mice	Journal of Hazardous Materials 416:125791.	33839502	10.1016/j.jhazmat.2021.125791	BfR 2023	○	-	-	○	-	-	-	-	-
Sencar L., coskun G., Şaker D., Sapmaz T., Tuli A., Özgür H., and Polat S	2021	Bisphenol A decreases expression of Insulin-like factor 3 and induces histopathological changes in the Testes of Rats	Toxicology and Industrial Health 37 (6), 314-327.	33973500	10.1177/07482337211014097	BfR 2023	○	-	-	○	-	-	-	-	-
Karabulut H. and Gulay M.S	2020	Influence of bisphenol A on spermatological parameters of New Zealand White Rabbits	Medycyna Weterynaryjna 76 (6), 326-330.	-	10.21521/mw.6415	BfR 2023	○	-	-	○	-	-	-	-	-
Camacho L., Lewis S.M., Vanlandingham M.M., Olson G.R., Davis K.J., Patton R.E., Twaddle N.C., Doerge D.R., Churchwell M.I., Bryant M.S., McLellen F.M., Woodling K.A., Felton R.P., Maisha M.P., Juliar B.E., Gamboa da Costa G., and Delclos K.B	2019	A two-year toxicology study of bisphenol A (BPA) in Sprague-Dawley rats: CLARITY-BPA core study results	Food Chem Toxicol 132, 110728.	31365888	10.1016/j.fct.2019.110728	EFSA 2023 BfR 2023	○	○	-	○	-	-	-	-	1
Ullah A., Pirzada M., Jahan S., Ullah H., and Khan M.J	2019	Bisphenol A analogues bisphenol B, bisphenol F, and bisphenol S induce oxidative stress, disrupt daily sperm production, and damage DNA in rat spermatozoa: a comparative in vitro and in vivo study	Toxicology and Industrial Health 35 (4), 294-303.	30871434	10.1177/0748233719831528	BfR 2023	○	-	-	○	-	-	-	-	-
Hu Y, Yuan DZ, Wu Y, Yu LL, Xu LZ, Yue LM, Liu L, Xu WM, Qiao XY, Zeng RJ, Yang ZL, Yin WY, Ma YX and Nie Y	2018	Bisphenol A initiates excessive premature activation of primordial follicles in mouse ovaries via the PTEN signaling pathway	Reprod Sci. 25(4):609-620.	28982275	10.1177/1933719117734700	EFSA 2023	○	○	-	-	-	-	-	-	-
NTP (National Toxicological Program)	2018	NTP Research Report on the CLARITY-BPA Core Study: A Perinatal and Chronic Extended-Dose-Range Study of Bisphenol A in Rats: research Report 9.	National Toxicological Program.	31305969	10.22427/NTP-RR-9	NIFDS 2025	●(NIFDS)	-	-	-	-	-	-	●	-
Ogo F.M., de Lion Siervo G.E.M., Staurengo-Ferrari L., de Oliveira Mendes L., Luchetta N.R., Vieira H.R., Fattori V., Verri W.A., Jr., Scarano W.R., and Fernandes G.S.A	2018	Bisphenol A Exposure Impairs Epididymal Development during the Peripubertal Period of Rats: Inflammatory Profile and Tissue Changes	Basic Clin Pharmacol Toxicol 122 (2), 262-270.	28857484	10.1111/bcpt.12894	EFSA 2023 BfR 2023	○	○	-	○	-	-	-	-	-
Srivastava S. and Gupta P	2018	Alteration in apoptotic rate of testicular cells and sperms following administration of Bisphenol A (BPA) in Wistar albino rats	Environmental Science and Pollution Research 25 (22), 21635-21643.	29785601	10.1007/s11356-018-2229-2	BfR 2023	●(BfR)	-	-	●	-	-	-	-	-
Ullah A., Pirzada M., Jahan S., Ullah H., Shaheen G., Rehman H., Siddiqui M.F., and Butt M.A	2018	Bisphenol A and its analogs bisphenol B, bisphenol F, and bisphenol S: Comparative in vitro and in vivo studies on the sperms and testicular tissues of rats	Chemosphere 209, 508-516.	29940534	10.1016/j.chemosphere.2018.06.089	BfR 2023	○	-	-	○	-	-	-	-	-
Patel S, Brehm E, Gao LY, Rattan S, Ziv-Gal A and Flaws JA	2017	Bisphenol A exposure, ovarian follicle numbers, and female sex steroid hormone levels: results from a CLARITY-BPA study	Endocrinology. 158(6):1727-1738.	28324068	10.1210/en.2016-1887	EFSA 2023	○	○	-	-	-	-	-	-	1
Quan C., Wang C., Duan P., Huang W., and Yang K	2017	Prenatal bisphenol a exposure leads to reproductive hazards on male offspring via the Akt/mTOR and mitochondrial apoptosis pathways	Environmental Toxicology 32 (3), 1007-1023.	27296223	10.1002/tox.22300	BfR 2023	○	-	-	○	-	-	-	-	-
Rahman M.S., Kwon W.S., Karmakar P.C., Yoon S.J., Ryu B.Y., and Pang M.G	2017	Gestational exposure to bisphenol A affects the function and proteome profile of F1 spermatozoa in adult mice	Environmental Health Perspectives 125 (2), 238-245.	27384531	10.1289/EHP378	BfR 2023	○	-	-	○	-	-	-	-	-
Wang HF, Liu M, Li N, Luo T, Zheng LP and Zeng XH	2016	Bisphenol A impairs mature sperm functions by a CatSper-relevant mechanism	Toxicol Sci. 152(1):145-54.	27125968	10.1093/toxsci/kfw070	EFSA 2023	○	○	-	-	-	-	-	-	-
Vigezzi L, Bosquiazzo VL, Kass L, Ramos JG, Munoz-de-Toro M and Luque EH	2015	Developmental exposure to bisphenol A alters the differentiation and functional response of the adult rat uterus To estrogen treatment	Reprod Toxicol. 52:83-92.	25666754	10.1016/j.reprotox.2015.01.011	EFSA 2023	○	○	-	-	-	-	-	-	-

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Delclos K.B., Camacho L., Lewis S.M., Vanlandingham M.M., Latendresse J.R., Olson G.R., Davis K.J., Patton R.E., Da costa G.G., Woodling K.A., Bryant M.S., Chidambaram M., Trbojevich R., Juliar B.E., Felton R.P., and Thorn B.T	2014	Toxicity evaluation of bisphenol a administered by gavage to sprague dawley rats from gestation day 6 through postnatal day 90	Toxicological Sciences 139 (1), 174-197.	24496637	10.1093/toxsci/kfu022	BfR 2023 EFSA 2015	○	-	○	○	-	-	-	-	-
Gurmeet KSS, Rosnah I, Normadiah MK, Das S and Mustafa AM	2014	Detrimental effects of bisphenol A on development and functions of the male reproductive system in experimental rats	EXCLI J. 13:151-60.	26417249	-	EFSA 2023	○	○	-	-	-	-	-	-	-
Wang P., Luo C., Li Q., Chen S., and Hu Y	2014	Mitochondrion-mediated apoptosis is involved in reproductive damage caused by BPA in male rats	Environmental Toxicology and Pharmacology 38 (3), 1025-1033.	-	10.1016/j.etap.2014.10.018	BfR 2023	○	-	-	○	-	-	-	-	-
Liu C., Duan W., Li R., Xu S., Zhang L., Chen C., He M., Lu Y., Wu H., Pi H., Luo X., Zhang Y., Zhong M., Yu Z., and Zhou Z.	2013	Exposure to bisphenol A disrupts meiotic progression during spermatogenesis in adult rats through estrogen-like activity.	Cell Death and Disease 4 (6):e676.	23788033	10.1038/cddis.2013.203	BfR 2023	●(BfR)	-	-	●	-	-	-	-	-
Tyl R.W., Myers C.B., Marr M.C., Sloan C.S., Castillo N.P., Veselica M.M., Seely J.C., Dimond S.S., Van Miller J.P., Shiotsuka R.N., Beyer D., Hentges S.G., and Waechter J.M., Jr	2008	Two-generation reproductive toxicity study of dietary bisphenol A in CD-1 (Swiss) mice	Toxicol Sci 104 (2), 362-384.	18445619	10.1093/toxsci/kfn084	BfR 2023 EFSA 2015 FDA 2014	●(EFSA2015, FDA)	-	●	○	-	-	●	-	-
Tyl R.W., Myers C.B., Marr M.C., Thomas B.F., Keimowitz A.R., Brine D.R., Veselica M.M., Fail P.A., Chang T.Y., Seely J.C., Joiner R.L., Butala J.H., Dimond S.S., Cagen S.Z., Shiotsuka R.N., Stropp G.D., and Waechter J.M	2002	Three-generation reproductive toxicity study of dietary bisphenol A in CD Sprague-Dawley rats	Toxicol Sci 68 (1), 121-146.	12075117	10.1093/toxsci/68.1.121	BfR 2023 EFSA 2015 FDA 2014	●(FDA)	-	○	○	-	-	●	-	-
Rubin BS, Murray MK, Damassa DA, King JC, Soto AM.	2001	Perinatal exposure to lowdoses of bisphenol A affects body weight, patterns of estrous cyclicity, and plasma LH levels	Environ Health Perspect 109: 675-680.	11485865	10.1289/ehp.01109675	ANSES 2013	●(ANSES)	-	-	-	-	●	-	-	-
Betancourt AM, Eltoum IA, Desmond RA, Russo J, Lamartiniere CA	2010	In utero exposure to bisphenol A shifts the window of susceptibility for mammary carcinogenesis in the rat.	Environ Health Perspect 118(11): 1614-1619.	20675265	10.1289/ehp.1002148	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-
Jenkins S, Raghuraman N, Eltoum I, Carpenter M, Russo J, Lamartiniere CA.	2009	Oral exposure to bisphenol a increases dimethylbenzanthracene-induced mammary cancer in rats.	Environ Health Perspect 117(6): 910-915.	19590682	10.1289/ehp.11751	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-
Tharp AP, Maffini MV, Hunt PA, Vandevoort CA, Sonnenschein C, Soto AM.	2012	Bisphenol A alters the development of the rhesus monkey mammary gland.	Proc Natl Acad Sci U S A 109(21): 8190-8195.	22566636	10.1073/pnas.1120488109	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-
Moral R, Wang R, Russo IH, Lamartiniere CA, Pereira J, Russo J.	2008	Effect of prenatalexposure to the endocrine disruptor bisphenol A on mammary gland morphology and geneexpression signature.	J Endocrinol 196: 101-112.	18180321	10.1677/JOE-07-0056	ANSES 2013	●(ANSES)	-	-	-	-	●	-	-	-
Leung Y.K., Biesiada J., Govindarajah V., Ying J., Kendler A., Medvedovic M., and Ho S.M	2020	Low-dose bisphenol a in a rat model of endometrial cancer: A clarity-bpa study	Environmental Health Perspectives 128 (12):127005.	33296240	10.1289/EHP6875	BfR 2023	○	-	-	○	-	-	-	-	1
Mandrup K., Boberg J., Isling L.K., Christiansen S., and Hass U	2016	Low-dose effects of bisphenol A on mammary gland development in rats	Andrology 4 (4), 673-683.	27088260	10.1111/andr.12193	BfR 2023	○	-	-	○	-	-	-	-	-
Somm E, Schwitzgebel VM, Toulotte A, Cederroth CR, Combescure C, Nef S, Aubert ML, Huppi PS.	2009	Perinatal exposure to bisphenol a alters early adipogenesis in the rat.	Environ Health Perspect 117(10): 1549-1555.	20019905	10.1289/ehp.11342	KEMI 2012	●(KEMI)	-	-	-	●	-	-	-	-
Ma L, Hu J, Li J, Yang Y, Zhang L, Zou L, Gao R, Peng C, Wang Y, Luo T, Xiang X, Qing H, Xiao X, Wu C, Wang Z, He JC, Li Q and Yang S	2018	Bisphenol A promotes hyperuricemia via activating xanthine oxidase	FASEB J. 32(2):1007-1016.	29042453	10.1096/fj.201700755R	EFSA 2023	○	○	-	-	-	-	-	-	-
Nunez P, Arguelles J and Perillan C	2018	Short-term exposure to bisphenol A affects water and salt intakes differently in male and ovariectomised female rats	Appetite. 120:709-715.	29031578	10.1016/j.appet.2017.10.018	EFSA 2023	○	○	-	-	-	-	-	-	-

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Wang S., Yang Y., Luo D., Wu D., Liu H., Li M., Sun Q., and Jia L.	2020	Lung inflammation induced by exposure to Bisphenol-A is associated with mTOR-mediated autophagy in adolescent mice	Chemosphere 248:126035.	32014637	10.1016/j.chemosphere.2020.126035	BfR 2023	○	-	-	○	-	-	-	-	-