

- Maternal exposure to dioxin disrupts gonadotropin production in fetal rats and imprints defects in sexual behavior. *J. Pharmacol. Exp. Ther.*, 929: 1091-1099 (2009).
5. Negri-Cesi, P., Colciago, A., Celotti, F., and Motta, M., Sexual differentiation of the brain: role of testosterone and its active metabolites. *J. Endocrinol. Invest.*, 27 (Suppl. 6): 120-127 (2004).
 6. Ishida, T., Kan-o, S., Mutoh, J., Takeda, S., Ishii, Y., Hashiguchi, I., Akamine, A., and Yamada, H., 2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced change in intestinal function and pathology: evidence for the involvement of arylhydrocarbon receptor-mediated alteration of glucose transportation. *Toxicol. Appl. Pharmacol.*, 205: 89-97 (2005).
 7. Matsumoto, Y., Ishida, T., Takeda, T., Koga, T., Fujii, M., Ishii, Y., Fujimura, Y., Miura, D., Wariishi, H., and Yamada, H., Maternal exposure to dioxin reduces hypothalamic but not pituitary metabolome in fetal rats: a possible mechanism for a fetus-specific reduction in steroidogenesis. *J. Toxicol. Sci.*, 35: 365-373 (2010).
 8. MacLusky, N.J., and Naftolin, F., Sexual differentiation of the central nervous system. *Science*, 211: 1294-1302 (1981).
 9. Jorgensen, J.S., Quirk, C.C. and Nilson, J.H., Multiple and overlapping combinatorial codes orchestrate hormonal responsiveness and dictate cell-specific expression of the genes encoding luteinizing hormone. *Endocr. Rev.*, 25: 521-542 (2004).
 10. Pennathur, S., Madison, L.D., Kay, T.W. and Jameson, J.L., Localization of promoter sequences required for thyrotropin-releasing hormone and thyroid hormone responsiveness of the glycoprotein hormone α -gene in primary cultures of rat pituitary cells. *Mol. Endocrinol.*, 7: 797-805 (1993).
 11. Kim, D.S., Ahn, S.K., Yoon, J.H., Hong, S.H., Kim, K.E., Maurer, R.A. and Park, S.D., Involvement of a cAMP-responsive DNA element in mediating TRH responsiveness of the human thyrotropin α -subunit gene. *Mol. Endocrinol.*, 8: 528-536 (1994).
 12. Moss, R.L., and McCann, S.M., Induction of mating behavior in rats by luteinizing hormone releasing factor. *Science* 181:177-179 (1973).
 13. Hofmann, H.A., Gonadotropin-releasing hormone signaling in behavioral plasticity. *Curr. Opin. Neurobiol.*, 16:343-350 (2006).
 14. Larsen, J.C., Risk assessments of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in food. *Mol. Nutr. Food Res.*, 50: 885-896 (2006).
 15. Ishida, T., Matsumoto, Y., Takeda, T., Koga, T., Ishii, Y., Yamada, H., Distribution of ¹⁴C-2,3,7,8-tetrachlorodibenzo-p-dioxin to the brain and peripheral tissues of fetal rats and its comparison with adults. *J. Toxicol. Sci.*, 35: 563-569 (2010).

研究成果の刊行に関する一覧表

書籍

著者氏名	論文タイトル名	書籍全体の編集者名	書籍名	出版社名	出版地	出版年	ページ
	なし						

雑誌

著者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Takeda, T., Yamamoto, M., Himeno, M., Takechi, S., Yamaguchi, T., Ishida, T., Ishii, Y., and Yamada, H.	2,3,7,8-Tetrachlorodibenzo-p-dioxin potentially attenuates the gene expression of pituitary gonadotropin β -subunits in a fetal age-specific fashion: a comparative study using cultured pituitaries	J. Toxicol. Sci.	36 (2)	221 - 229	2011

