

# 研究成果の刊行一覧表



## 別紙 4

## 雑誌

発表者氏名	論文タイトル名	発表誌名	巻名	ページ	出版年
Yamane J, Aburatani S, Imanishi S, Akanuma H, Nagano R, Kato T, Sone H, Ohsako S, Fujibuchi W.	Prediction of developmental chemical toxicity by support vector machines with gene networks in a human embryonic stem cell validation system.	<i>Nucleic Acids Res</i>			submitted
Goodson III WH et al (Sone H, 54 of 139).	Assessing the Carcinogenic Potential of Low Dose Exposures to Chemical Mixtures in the Environment: The Challenge.	<i>Carcinogenesis</i>	in press		2015
Donai K, Inagaki A, So KH, Kuroda K, Sone H, Kobayashi M, Nishimori K, Fukuda T.	Low-molecular-weight inhibitors of cell differentiation enable efficient growth of mouse iPS cells under feeder-free conditions.	<i>Cytotechnology</i>	67(2)	191-197	2015
Akiyama H, Ueda Y, Nobumasa H, Ooshima H, Ishizawa Y, Kitahiro K, Miyagawa I, Watanabe K, Nakamura T, Tanaka R, Yamamoto N, Nakae H, Kawase M, Gemma N, Sekiguchi Y, Fujibuchi W, Matoba R	A set of external reference controls/probes that enable quality assurance between different microarray platforms	<i>Analytical Biochemistry</i>	472	75-83	2015
Aida-Yasuoka K, Yoshioka W, Kawaguchi T, Ohsako S, Tohyama C.	A mouse strain less responsive to dioxin-induced prostaglandin E2 synthesis is resistant to the onset of neonatal hydronephrosis.	<i>Toxicol Sci</i>	141(2)	465-474	2014

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Shiizaki K, Ohsako S, Kawanishi M, Yagi T.	Identification of amino acid residues in the ligand-binding domain of the aryl hydrocarbon receptor causing the species-specific response to omeprazole: possible determinants for binding putative endogenous ligands.	<i>Mol Pharmacol</i>	85(2)	279-289	2014
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Sugai E, Yoshioka W, Kakeyama M, Ohsako S, Tohyama C.	In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates dysregulation of the lipid metabolism in mouse offspring fed a high-calorie diet.	<i>J Applied Toxicol</i>	34(3)	296-306	2014
Win-Shwe TT, Sone H, Kurokawa Y, Zeng Y, Zeng Q, Nitta H, Hirano S.	Effects of PAMAM dendrimers in the mouse brain after a single intranasal instillation.	<i>Toxicol Lett.</i>	228(3)	207-215	2014
Kawano M, Qin XY, Yoshida M, Fukuda T, Nansai H, Hayashi Y, Nakajima T, Sone H.	Peroxisome proliferator-activated receptor mediates di-(2-ethylhexyl) phthalate transgenerational repression of ovarian <i>Esr1</i> expression in female mice.	<i>Toxicol Lett.</i>	228(3)	235-240	2014
山根 順子 丸山 徹 藤渕 航	単細胞技術に基づく iPS 細胞の標準化	<i>生体の科学</i>	65(2)	154-158	2014

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Wong PS, Tanaka M, Sunaga Y, Tanaka M, Taniguchi T, Yoshino T, Tanaka T, Fujibuchi W, Aburatani S.	Tracking difference in gene expression in a time-course experiment using gene set enrichment analysis	<i>PLoS One</i>	9(9)	e107629	2014
Kurita H, Ohsako S, Hashimoto S, Yoshinaga J, Tohyama C.	Prenatal zinc deficiency-dependent epigenetic alterations of mouse metallothionein-2 gene.	<i>J Nutr Biochem</i>	24	256-266	2013
Win-Shwe TT, Fujitani Y, Sone H, Furuyama A, Nitta H, Hirano S.	Effects of acute single intranasal instillation of secondary organic aerosol on neurological and immunological biomarkers in the brain and lung of BALB/c mice.	<i>J Toxicol Sci.</i>	38(1)	71-82	2013
Imanishi S, Okura M, Zaha H, Yamamoto T, Akanuma H, Nagano R, Shiraishi H, Fujimaki H, Sone H.	Prenatal exposure to permethrin influences vascular development of fetal brain and adult behavior in mice offspring.	<i>Environ Toxicol.</i>	28(11)	617-629	2013
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Pessiot JF, Wong PS, Maruyama T, Morioka R, Aburatani S, Tanaka M, Fujibuchi W.	The impact of collapsing data on microarray analysis and DILI prediction	<i>Systems Biomedicine</i>	1(3)	1-7	2013
Aburatani S, Fujibuchi W, Yamane J, Imanishi S, Nagano R, Sone H, Ohsako S.	Inference of Gene Regulatory Networks to Detect Toxicity-Specific Effects in Human Embryonic Stem Cells	<i>International Journal On Advances in Life Sciences</i>	5(1&2)	103-114	2013

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<p>Qin XY, Akanuma H, Wei F, Nagano R, Zeng Q, Imanishi S, Ohsako S, Yoshinaga J, Yonemoto J, Tanokura M, Sone H.</p>	<p>Effect of low-dose thalidomide on dopaminergic neuronal differentiation of human neural progenitor cells: A combined study of metabolomics and morphological analysis</p>	<p><i>Neurotoxicology</i></p>	<p>33(5)</p>	<p>1375-1380</p>	<p>2012</p>
<p>Akanuma H, Qin XY, Nagano R, Win-Shwe TT, Imanishi S, Zaha H, Yoshinaga J, Fukuda T, Ohsako S, Sone H</p>	<p>Identification of stage-specific gene expression signatures in response to retinoic acid during the neural differentiation of mouse embryonic stem cells.</p>	<p><i>Front Genet.</i></p>	<p>3</p>	<p>141</p>	<p>2012</p>
<p>He X, Imanishi S, Sone H, Nagano R, Qin XY, Yoshinaga J, Akanuma H, Yamane J, Fujibuchi W, Ohsako S.</p>	<p>Effects of methylmercury exposure on neuronal differentiation of mouse and human embryonic stem cells.</p>	<p><i>Toxicol Lett.</i></p>	<p>212(1)</p>	<p>1-10</p>	<p>2012</p>

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<p>Nagano R, Akanuma H, Qin XY, Imanishi S, Toyoshiba H, Yoshinaga J, Ohsako S, Sone H.</p>	<p>Multi-parametric profiling network based on gene expression and phenotype data: A novel approach to developmental neurotoxicity testing.</p>	<p><i>Int J Mol Sci</i></p>	<p>13(1)</p>	<p>187-207</p>	<p>2012</p>
<p>Qin XY, Sone H, Kojima Y, Mizuno K, Ueoka K, Muroya K, Miyado M, Hisada A, Zaha H, Fukuda T, Yoshinaga J, Yonemoto J, Kohri K, Hayashi Y, Fukami M, Ogata T</p>	<p>Individual variation of the genetic response to bisphenol A in human foreskin fibroblast cells derived from cryptorchidism and hypospadias patients.</p>	<p><i>PLoS One.</i></p>	<p>7(12)</p>	<p>e52756</p>	<p>2012</p>
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<p>Qin XY, Kojima Y, Mizuno K, Ueoka K, Muroya K, Miyado M, Zaha H, Akanuma H, Zeng Q, Fukuda T, Yoshinaga J, Yonemoto J, Kohri K, Hayashi Y, Fukami M, Ogata T, Sone H.</p>	<p>Identification of novel low-dose bisphenol A targets in human foreskin fibroblast cells derived from hypospadias patients.</p>	<p><i>PLoS One</i></p>	<p>7(5)</p>	<p>e36711</p>	<p>2012</p>
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<p>Sone H, Tin-Tin WS, Qin XY, Akanuma H and Imanishi S.</p>	<p>IN: Learning Disabilities. Environmental Chemical Substances in Relation to Neurodevelopmental Disorders:A Systematic Literature Review</p>	<p><i>InTech Europe</i></p>	<p>Chapter 16</p>	<p>313-342</p>	<p>2012</p>
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藤渕 航	iPS細胞からのビッグデータの情報セキュリティと創薬、医療への活用	植田 充弘	生命のビッグデータ利用の最前線	CMC 出版	日本	2014	176-184
藤渕航	マイクロアレイ解析の基本	秋山徹/監 井元清哉、 河府和義、 藤渕航/編	バイオ実験に絶対使える 統計の基本 Q&A	羊土社	日本	2012	57-77