

薬物代謝動態学講座

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
小澤 正吾	薬物代謝動態学講座	教授	博士(薬学)	医療系薬学 薬物動態学 個別化医療 医薬品情報・ 安全性学	<p>① Yoshida M, Umemura T, Kojima H, Inoue K, Takahashi M, Uramaru N, Kitamura S, Abe K, Tohkin M, Ozawa S, Yoshinari K.: Basic principles of interpretation of hepatocellular hypertrophy in risk assessment in Japan. Shokuhin Eiseigaku Zasshi (in Japanese). 56:42-8. (2015) .</p> <p>② Hanada K, Nakai K, Tanaka H, Suzuki F, Kumada H, Ohno Y, Ozawa S, Ogata H.: Effect of nuclear receptor downregulation on hepatic expression of cytochrome P450 and transporters in chronic hepatitis C in association with fibrosis development. Drug Metab Pharmacokinet. 27:301-6. (2012).</p> <p>③小澤 正吾 医療薬物代謝学 鎌滝哲也、高橋和彦、山崎浩史【編】 第2章 薬物代謝の基礎, 第3章 薬物代謝の医療における意義 みみずく舎 (2010)</p> <p>④Tamura K, Inoue K, Takahashi M, Matsuo S, Irie K, Komada Y, Ozawa S, Nishikawa A, Yoshida M. Dose-response involvement of constitutive androstane receptor in mouse liver hypertrophy induced by triazole fungicides. /Toxicol Left. 221:47-56</p> <p>⑤特開2004-000004 登録4305609 (平21.5.15) 薬剤代謝へ影響を及ぼすCYP3A4遺伝子多型、およびその利用</p>
幅野 涉	薬物代謝動態学講座	准教授	博士(医学)	医療系薬学 薬物動態学 腫瘍生物学 人体病理学 エピジェネ ティクス 医薬品情報・ 安全性学	<p>①Habano W, Kawamura K, Lizuka N, Terashima J, Sugai T, Ozawa S.: Analysis of DNA methylation Landscape reveals the roles of DNA methylation in the regulation of drug metabolizing enzymes / Clin Epigenetics 7:105(2015)</p> <p>②Habano W, Gamo T, Sugai T, Otsuka K, Wakabayashi G, Ozawa S. : Involvement of promoter methylation in the regulation of pregnane X receptor in colon cancer cells / BMC Cancer 11:81 (2011)</p> <p>③幅野 涉, 小澤 正吾 DNAメチル化機構に着目した薬物代謝変動要因の探索 / 第87回日本生化学会大会 (2014)</p> <p>④文部科学省科学研究費補助金・基盤研究(C)「課題名: 癌間質のエピジェネティック変化に着目した癌悪性化機構の解明と診断・治療への応用」 2015-2017年</p> <p>⑤特開2006-325407「名称: CYP2D6遺伝子の一塩基多型を含む領域を複数同時に増幅するためのプライマーセット」</p>
蒲生 俊恵	薬物代謝動態学講座	助教	学士(薬学)	医療系薬学 薬物動態学 細胞周期	<p>①Gamou T, Habano W, Terashima J, Ozawa S.: A CAR-responsive enhancer element locating approximately 31 kb upstream in the 5' -flanking region of rat cytochrome P450 (CYP 3A1) gene. Drug Metab. Pharmacokinet. 30:188-97 (2014)</p> <p>②Fujimoto N, Inoue K, Yoshida M, Nishikawa A, Ozawa S, Gamou T, Nemoto K, Degawa M.: Estrogen and androgen receptor status in hepatocellular hypertrophy induced by phenobarbital, clofibrate, and piperonyl butoxide in F344 rats. / J Toxicol Sci. 37:281-6 (2012)</p> <p>③Nemoto K, Tanaka T, Ikeda A, Ito S, Mizukami M, Hikida T, Gamou T, Habano W, Ozawa S, Inoue K, Yoshida M, Nishikawa A, Degawa M.: Super-induced gene expression of the N-methyl-D-aspartate receptor 2C subunit in chemical-induced hypertrophic liver in rats. / J Toxicol Sci. 36:507-14 (2011)</p> <p>④Sakamoto Y, Inoue K, Takahashi M, Taketa Y, Kodama Y, Nemoto K, Degawa M, Gamou T, Ozawa S, Nishikawa A, Yoshida M.: Different pathways of constitutive androstane receptor-mediated liver hypertrophy and hepatocarcinogenesis in mice treated with piperonyl butoxide or decabromodiphenyl ether. / Toxicol Pathol. 41:1078-92 (2013)</p> <p>⑤Ozawa S, Gamou T, Habano W, Inoue K, Yoshida M, Nishikawa A, Nemoto K, Degawa M: Altered expression of GADD45 genes during the development of chemical-mediated liver hypertrophy and liver tumor promotion in rats. / The Journal of Toxicological Sciences/J. Toxicol Sci. 36:613-623(2011)</p>

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寺島 潤	薬物代謝動態学講座	助教	博士(学術)	生物系薬学 発生生物学 医療系薬学 遺伝子発現調節 ヒトの薬物動態・代謝予測系	①Terashima J, Sampei S, Lidzuka M, Ohsakama A, Tachikawa C, Satoh J, Kudo K, Habano W, Ozawa S. VEGF expression is regulated by HIF-19 and ARNT in 3D KYSE-10, esophageal caucar cell spheroids. <i>Cell Biol, Int.</i> 40(11)1187-1194(2016) ②Terashima J, Goto S, Hattori H, Hoshi S, Ushirokawa M, KudoK, Habano W, Ozawa S. CYP1A1 and CYP1A2 expression levels are differentially regulated in three-dimensional spheroids of liver cancer cells compared to two-dimensional monolayer culture. <i>Drug Metab. Pharmacokinet.</i> 30:434-440(2015) ③Terashima J, Tachikawa C, Kudo K, Habano W, Ozawa S. An aryl hydrocarbon receptor induces VEGF expression through ATF4 under glucose deprivation in HepG2. <i>BMC Mol Biol.</i> (2013) Dec12:14:27. ④Terashima J, Habano W, Gamou T, Ozawa S. Induction of CYP1 Family Members under Low-Glucose Conditions Requires AhR Expression and Occurs through the Nuclear Translocation of AhR. <i>Drug Metab Pharmacokinet.</i> (Published online: August 30, 2011(J-STAGE) doi: 10.2133/dmpk.DMPK-11-RG-054). ⑤Terashima J, Bownes M. A microarray analysis of genes involved in relating egg production to nutritional intake in <i>Drosophila melanogaster</i> . <i>Cell Death Differ.</i> 12: 429-440(2005).