

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
幅野 渉	医療薬科学講座 薬物代謝動態学分野	教授	博士(医学)	医療薬学関連 (薬物動態学) 人体病理学関連 (分子病理) ゲノム生物学関連 (エピゲノム)	①Habano W, Miura T, Terashima J, Ozawa S. :Aryl hydrocarbon receptor as a DNA methylation reader in the stress response pathway. / Toxicology 30:153154(2022) ②Miura T, Onodera R, Terashima J, Ozawa S, Habano W. : β -naphthoflavone-induced upregulation of CYP1B1 expression is mediated by the preferential binding of aryl hydrocarbon receptor to unmethylated xenobiotic responsive elements. / Exp. Ther. Med. 22:1410(2021) ③Habano W, Kawamura K, Iizuka 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) ④文部科学省科学研究費補助金・基盤研究(C)「課題名：核内受容体AhRを介したストレス応答変動に関わるDNAメチル化修飾の新たな役割」 2022-2024年 ⑤文部科学省科学研究費補助金・基盤研究(C)「課題名：核内受容体による薬物応答をモデルとしたエピゲノムセンサーの評価系確立と探索」 2019-2021年
寺島 潤	医療薬科学講座 薬物代謝動態学分野	講師	博士(学術)	応用分子細胞生物学関連 (細胞生物学) 動物生命科学関連 (細胞機能など) 薬系衛生および生物化学関連 (薬物代謝)	①Terashima J, Onodera R, Miura T, Habano W, Ozawa S; Potential risks present in selecting control gene for quantitative RT-PCR: Example of measurement using 2D cell and 3D spheroid of esophageal cancer cells/ Tissue Culture Research Communications 41 (1), 1-9 ②発明名称「抗がん剤耐性がん細胞の作製方法」 特許出願番号：2022-052338 (2022) ③Terashima J, Jimma Y, Jimma K, Hakata S, Yachi M, Habano W, Ozawa S.: The regulation mechanisms of AhR activated by benzo[a]pyrene for CYP expression are different between 2D and 3D culture of human lung cancer cells / Drug Metab Pharmacokinet 33:211-214. ④Terashima J, Sampei S, Iizuka M, Ohsakama A, Tachikawa C, Satoh J, Kudo K, Habano W, Ozawa S.: VEGF expression is regulated by HIF-1 α and ARNT in 3D KYSE-IO, esophageal cancer cell spheroids Cell Biol, Int.40:1187-1194(2016) ⑤Terashima J, Goto S, Hattori H, Hoshi S, Ushirokawa M, Kudo K, 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 / Drug Metab.Pharmacokinet.30:434-440(2015)