

2017年のゲノム医学研究センターにおける主な研究業績

1. Takayama, K.I., Suzuki, T., Fujimura, T., Yamada, Y., Takahashi, S., Homma, Y., Suzuki, Y., and Inoue, S. (2017). Dysregulation of spliceosome gene expression in advanced prostate cancer by RNA-binding protein PSF. *Proc Natl Acad Sci U S A* *114*, 10461-10466.
2. Ashikari, D., Takayama, K., Tanaka, T., Suzuki, Y., Obinata, D., Fujimura, T., Urano, T., Takahashi, S., and Inoue, S. (2017). Androgen induces G3BP2 and SUMO-mediated p53 nuclear export in prostate cancer. *Oncogene* *36*, 6272-6281.
3. Shiba, S., Ikeda, K., Horie-Inoue, K., Nakayama, A., Tanaka, T., and Inoue, S. (2017). Deficiency of COX7RP, a mitochondrial supercomplex assembly promoting factor, lowers blood glucose level in mice. *Sci Rep* *7*, 7606.
4. Urano, T., Shiraki, M., Kuroda, T., Tanaka, S., Uenishi, K., and Inoue, S. (2017). Preventive effects of raloxifene treatment on age-related weight loss in postmenopausal women. *J Bone Miner Metab* *35*, 108-113.
5. Asaka, M.N., Uranishi, K., Suzuki, A., Hirasaki, M., Nishimoto, M., and Okuda, A. (2017). Link between embryonic stem cell pluripotency and homologous allelic pairing of Oct4 loci. *Dev Growth Differ* *59*, 639-647.
6. Endoh, M., Endo, T.A., Shinga, J., Hayashi, K., Farcas, A., Ma, K.W., Ito, S., Sharif, J., Endoh, T., Onaga, N., Nakayama, M., Ishikura, T., Masui, O., Kessler, B.M., Suda, T., Ohara, O., Okuda, A., Klose, R., and Koseki, H. (2017). PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes. *Elife* *6*.
7. Fujimoto, M., Suda, N., and Katagiri, T. (2017). Molecular mechanisms for activation of mutant Activin receptor-like kinase 2 in fibrodysplasia ossificans progressiva. *J Oral Biosci* *59*, 121-126.
8. Ueda, N., Kashiwazaki, G., Bando, T., and Kurokawa, R. (2017). Biotin-Lys-His Blocks Aggregation of RNA-binding Protein TLS, a Cause of Amyotrophic Lateral Sclerosis. *Biomedical Sciences* *3*, 67-77.
9. Goto, K., Imamura, K., Komatsu, K., Mitani, K., Aiba, K., Nakatsuji, N., Inoue, M., Kawata, A., Yamashita, H., Takahashi, R., and Inoue, H. (2017). Simple Derivation of Spinal Motor Neurons from ESCs/iPSCs Using Sendai Virus Vectors. *Mol Ther Methods Clin Dev* *4*, 115-125.
10. Feichtinger, R.G., Olahova, M., Kishita, Y., Garone, C., Kremer, L.S., Yagi, M., Uchiumi, T., Jourdain, A.A., Thompson, K., D'Souza, A.R., Kopajtich, R., Alston, C.L., Koch, J., Sperl, W., Mastantuono, E., Strom, T.M., Wortmann, S.B., Meitinger, T., Pierre, G., Chinnery, P.F., Chrzanowska-Lightowlers, Z.M., Lightowlers, R.N., DiMauro, S., Calvo, S.E., Mootha, V.K., Moggio, M., Sciacco, M., Comi, G.P., Ronchi, D., Murayama, K., Ohtake, A., Rebelo-Guiomar, P., Kohda, M., Kang, D., Mayr, J.A., Taylor, R.W., Okazaki, Y., Minczuk, M., and Prokisch, H. (2017). Biallelic C1QBP Mutations Cause Severe Neonatal-, Childhood-, or Later-Onset Cardiomyopathy Associated with Combined Respiratory-Chain Deficiencies. *Am J Hum Genet* *101*, 525-538.