

### 【2021 年度】

Wahyuni T, Kobayashi A, Tanaka S, Miyake Y, Yamamoto A, Bahtiar A, Mori S, Kametani Y, Tomimatsu M, Matsumoto K, Maeda M, Obana M, Fujio Y. Maresin-1 induces cardiomyocyte hypertrophy through IGF-1 paracrine pathway. *Am J Physiol Cell Physiol.* 321(1):C82-C93, 2021.

Nakae T, Obana M, Maeda T, Ikeda A, Miyazaki H, Tanaka S, Maeda M, Yamashita K, Terai K, Obika S, Fujio Y. Gene transfer by pyro-drive jet injector is a novel therapeutic approach for muscle diseases. *Gene.* 788:145664, 2021.

### 【2020 年度】

Yamamoto A, Morioki H, Nakae T, Miyake Y, Harada T, Noda S, Mitsuoka S, Matsumoto K, Tomimatsu M, Kanemoto S, Tanaka S, Maeda M, Conway SJ, Imaizumi K, Fujio Y, Obana M. Transcription factor old astrocyte specifically induced substance is a novel regulator of kidney fibrosis. *FASEB J.* 35(2):e21158, 2021.

Shimizu K, Sakurai F, Iizuka S, Ono R, Tsukamoto T, Nishimae F, Nakamura SI, Nishinaka T, Terada T, Fujio Y, Mizuguchi H. Adenovirus Vector-Induced IL-6 Promotes Leaky Adenoviral Gene Expression, Leading to Acute Hepatotoxicity. *J Immunol.* 206(2):410-421, 2021.

Tanaka S, Imaeda A, Matsumoto K, Maeda M, Obana M, Fujio Y.  $\beta$ 2-adrenergic stimulation induces interleukin-6 by increasing Arid5a, a stabilizer of mRNA, through cAMP/PKA/CREB pathway in cardiac fibroblasts. *Pharmacol Res Perspect.* 8(2):e00590, 2020.

Hamatani T, Noda N, Takagaki T, Yodo Y, Kawai H, Kakuyama H, Kaji Y, Fujio Y. Thorough QT/QTc Study Shows That a Novel 5-HT4 Receptor Partial Agonist Minesapride Has No Effect on QT Prolongation. *Clin Pharmacol Drug Dev.* 9(8):938-951, 2020.

### 【2019 年度】

Lin Y, Higashisaka K, Shintani T, Maki A, Hanamuro S, Haga Y, Maeda S, Tsujino H, Nagano K, Fujio Y, Tsutsumi Y. Progesterone receptor membrane component 1 leads to erlotinib resistance, initiating crosstalk of Wnt/ $\beta$ -catenin and NF- $\kappa$ B pathways, in lung adenocarcinoma cells. *Sci Rep.* 10(1):4748, 2020.

Zhang L, Noguchi YT, Nakayama H, Kaji T, Tsujikawa K, Ikemoto-Uezumi M, Uezumi A, Okada Y,

Doi T, Watanabe S, Braun T, Fujio Y, Fukada SI. The CalcR-PKA-Yap1 Axis Is Critical for Maintaining Quiescence in Muscle Stem Cells. *Cell Rep.* 29(8):2154-2163.e5, 2019.

### 【2018 年度】

Sasano M, Ohno M, Fukuda Y, Nonen S, Hirobe S, Maeda S, Miwa Y, Yokoyama J, Nakayama H, Miyagawa S, Sawa Y, Fujio Y, Maeda M. Verification of pharmacogenomics-based algorithms to predict warfarin maintenance dose using registered data of Japanese patients. *Eur J Clin Pharmacol.* 75(7):901-911, 2019.

Matsumoto K, Obana M, Kobayashi A, Kihara M, Shioi G, Miyagawa S, Maeda M, Sakata Y, Nakayama H, Sawa Y, Fujio Y. Blockade of NKG2D/NKG2D Ligand Interaction Attenuated Cardiac Remodeling after Myocardial Infarction. *Cardiovascular Research.* 115(4):765-775, 2019.

Imaeda A, Tanaka S, Tonegawa K, Fuchigami S, Obana M, Maeda M, Kihara M, Kiyonari H, Conway SJ, Fujio Y, Nakayama H. Myofibroblast  $\beta$ 2 adrenergic signaling amplifies cardiac hypertrophy in mice. *Biochemical and Biophysical Research Communications* 510(1):149-155, 2019.

Shintani T, Higashisaka K, Maeda M, Hamada M, Tsuji R, Kurihara K, Kashiwagi Y, Sato A, Obana M, Yamamoto A, Kawasaki K, Lin Y, Kijima T, Kinehara Y, Miwa Y, Maeda S, Morii E, Kumanogoh A, Tsutsumi Y, Nagatomo I, Fujio Y. Eukaryotic translation initiation factor 3 subunit C is associated with acquired resistance to erlotinib in non-small cell lung cancer. *Oncotarget.* 9(101):37520-37533, 2018.

Tanaka S, Fujio Y, Nakayama H. Caveolae-Specific CaMKII Signaling in the Regulation of Voltage-Dependent Calcium Channel and Cardiac Hypertrophy. *Front Physiol.* 9:1081, 2018.