

## 機器利用事例論文リスト

### 走査電子顕微鏡 (日本電子 JSM-6510)

- Sheikh AM, Wada Y, Tabassum S, Inagaki S, Mitaki S, Yano S, Nagai A. Aggregation of Cystatin C Changes Its Inhibitory Functions on Protease Activities and Amyloid  $\beta$  Fibril Formation. *Int J Mol Sci.* 2021 Sep 7;22(18):9682. doi: 10.3390/ijms22189682.

### 共焦点レーザー走査型顕微鏡 (オリンパス CLSM FV1000-D、エビデント FV3000RS)

- Sheikh AM, Yano S, Tabassum S, Mitaki S, Michikawa M, Nagai A. Alzheimer's Amyloid  $\beta$  Peptide Induces Angiogenesis in an Alzheimer's Disease Model Mouse through Placental Growth Factor and Angiopoietin 2 Expressions. *Int J Mol Sci.* 2023 Feb 24;24(5):4510. doi: 10.3390/ijms24054510.

### 細胞外フラックスアナライザー (プライムテック XF HS Mini)

- Yang J, Liu L, Oda Y, Wada K, Ago M, Matsuda S, Hattori M, Goto T, Kawashima Y, Matsuzaki Y, Taketani T. Highly-purified rapidly expanding clones, RECs, are superior for functional-mitochondrial transfer. *Stem Cell Res Ther.* 2023 Mar 16;14(1):40. doi: 10.1186/s13287-023-03274-y.

### 高速液体クロマトグラフ タンデム四重極質量分析装置 (四重極 LC/MS/MS) (島津 LC MS 8030)

- Takaomi Kessoku, Kento Imajo, Takashi Kobayashi, Anna Ozaki, Michihiro Iwaki, Yasushi Honda, Takayuki Kato, Yuji Ogawa, Wataru Tomeno, Shingo Kato, Takuma Higurashi, Masato Yoneda, Hiroyuki Kirikoshi, Kazumi Kubota, Masataka Taguri, Takeharu Yamanaka, Haruki Usuda, Koichiro Wada, Noritoshi Kobayashi, Satoru Saito, Atsushi Nakajima. Lubiprostone in patients with non-alcoholic fatty liver disease: a randomised, double-blind, placebo-controlled, phase 2a trial. *LANCET GASTROENTEROLOGY & HEPATOLOGY* 5(11) 996-1007, 2020.

### ジェネティックアナライザ 3500 (アプライド バイオシステムズ)

- Hasegawa K, Matsui TK, Kondo J and Kuwako KI N-WASP-Arp2/3 signaling controls multiple steps of dendrite maturation in Purkinje cells in vivo. *Development* 149(23):dev201214 (2022)

Bio-Plex MAGPIX システム (バイオラッド)

- Matsuzaki K, Sugimoto N, Islam R, Hossain ME, Sumiyoshi E, Katakura M, Shido O. Salivary Immunoglobulin A Secretion and Polymeric Ig Receptor Expression in the Submandibular Glands Are Enhanced in Heat-Acclimated Rats. *Int J Mol Sci.* 21(3):815. 2020