

研究業績

2016 年

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Masumoto H, Yokoshima S, Yoshikawa H, Fukuyama T, Kobayashi J, Usui T.
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gluconeogenesis causes increased glucose metabolism in budding yeast.
PLoS One, 13(3):e0194942. doi: 10.1371/journal.pone.0194942. **2018.**

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Takatsuki H, Agbemabiese CA, Nakagomi T, Pun SB, Gauchan P, Muto H, Masumoto H,
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Hanasaki M, Masumoto H

***Scientific reports* 9(1) 15300 2019.**

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Obata T, Tsuchiya T, Akita S, Kawahara T, Matsumoto K, Miyazaki T, Masumoto H, Kobayashi E, Niklason LE, Nagayasu T

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Bacteroides in colonic mucosa-associated microbiota affects the development of minimal hepatic encephalopathy in patients with cirrhosis.

Masafumi Haraguchi, Satoshi Miuma, Hiroshi Masumoto, Tatsuki Ichikawa, Yasuko Kanda, Ryu Sasaki, Masanori Fukushima, Hisamitsu Miyaaki, Naota Taura, Kazuhiko Nakao

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2020 年

Deletion of the GAPDH gene contributes to genome stability in *Saccharomyces cerevisiae*.

Miki Hanasaki, Keisuke Yaku, Motohiro Yamauchi, Takashi Nakagawa, Hiroshi Masumoto

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Exploration of Pericyte-Derived Factors Implicated in Lung Cancer Brain Metastasis Protection: A Pilot Messenger RNA Sequencing Using the Blood-Brain Barrier In Vitro Model.

Kenta Ujifuku, Takashi Fujimoto, Kei Sato, Yoichi Morofuji, Hideki Muto, Hiroshi Masumoto, Shinsuke Nakagawa, Masami Niwa, Takayuki Matsuo

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2021 年

A SNARE geranylgeranyltransferase essential for the organization of the Golgi apparatus.

Ryutaro Shirakawa, Sakurako Goto-Ito, Kota Goto, Shonosuke Wakayama, Haremaru Kubo, Natsumi Sakata, Duc Anh Trinh, Atsushi Yamagata, Yusuke Sato, Hiroshi Masumoto, Jinglei Cheng, Toyoshi Fujimoto, Shuya Fukai, Hisanori Horiuchi

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Khaleque N Khan, Akira Fujishita, Hideki Muto, Hiroshi Masumoto, Kanae Ogawa, Akemi Koshiba, Taisuke Mori, Kyoko Itoh, Satoshi Teramukai, Katsuya Matsuda, Masahiro Nakashima, Jo Kitawaki

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Bile extracellular vesicles from end-stage liver disease patients show altered microRNA content.

Suguru Nakashiki, Satoshi Miuma, Hiroyuki Mishima, Hiroshi Masumoto, Masaaki Hidaka, Akihiko Soyama, Yasuko Kanda, Masanori Fukushima, Masafumi Haraguchi, Ryu Sasaki, Hisamitsu Miyaaki, Tatsuki Ichikawa, Mitsuhiisa Takatsuki, Susumu Eguchi, Koh-Ichiro Yoshiura, Kazuhiko Nakao

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Peptidyl-prolyl cis-trans isomerase A participates in the selenium transport into the rat brain

Suguru Nakashiki, Satoshi Miuma, Hiroyuki Mishima, Hiroshi Masumoto, Masaaki Hidaka, Sakura Yoshida, Akinori Yamamoto, Hiroshi Masumoto, Takeshi Fuchigami, Akira Toriba,

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Kenta Ujifuku, Yoichi Morofuji, Hiroshi Masumoto.

Methods in molecular biology (Clifton, N.J.) 2535 157-170 **2022**.

特許関連

2018 年

氏名：増本博司，特許権名称：遺伝子欠損エタノール生産菌，番号：特願 2014-051675、
2014.3.16 出願，特許取得：2018.1.19

2019 年

氏名：増本博司，特許権名称：Cas9ヌクレアーゼを用いて相同組み換えを誘導する方法

番号：特願 2019-209165 日時：2019年11月19日 出願 特許出願中

2021 年

氏名：増本博司，特許権名称：多重遺伝子導入手法、番号：特願 2017-097706、日時：
2017.5.16 出願，特許取得：2021.12.8，特許番号：6990385