



Masashi Miyauchi

Postdoctoral Scholar, Stem Cell Biology and Regenerative Medicine

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Certified Hematologist, Japanese Society of Hematology (2016 - present)

PROFESSIONAL EDUCATION

- Clinical Fellow, The University of Tokyo Hospital , Hematology (2016)
- Doctor of Philosophy, The University of Tokyo (2015)
- Doctor of Medicine, Kyoto University (2009)

STANFORD ADVISORS

- Hiro Nakauchi, Postdoctoral Faculty Sponsor
- Hiro Nakauchi, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Efficient production of human neutrophils from iPSCs that prevent murine lethal infection with immune cell recruitment.** *Blood*
Masashi, M., Ito, Y., Nakahara, F., Hino, T., Nakamura, F., Iwasaki, Y., Kawagoshi, T., Koya, J., Yoshimi, A., Arai, S., Kagoya, Y., Kurokawa, M.
2021
- **Difference of preventing effects of G-CSF according to age in patients with malignant lymphoma: A nation-wide analysis in Japan.** *Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy*
Matsuda, K., Jo, T., Miyauchi, M., Toyama, K., Nakazaki, K., Matsui, H., Fushimi, K., Yasunaga, H., Kurokawa, M.
2021; 27 (8): 1151-1155
- **A retrospective analysis on arteritis after administration of granulocyte colony-stimulating factor.** *Annals of hematology*
Sasaki, K., Matsuda, K., Miyauchi, M., Honda, A., Shimura, A., Masamoto, Y., Kurokawa, M.
2021; 100 (5): 1341-1343
- **Loss-of-function mutations in BCOR contribute to chemotherapy resistance in acute myeloid leukemia.** *Experimental hematology*
Honda, A., Koya, J., Yoshimi, A., Miyauchi, M., Taoka, K., Kataoka, K., Arai, S., Kurokawa, M.
2021; 101-102: 42-48.e11
- **CAMK2G is identified as a novel therapeutic target for myelofibrosis.** *Blood advances*
Miyauchi, M., Sasaki, K., Kagoya, Y., Taoka, K., Masamoto, Y., Yamazaki, S., Arai, S., Mizuno, H., Kurokawa, M.

2021

- **Primary prophylaxis with pegfilgrastim in patients with newly-diagnosed diffuse large B-cell lymphoma: propensity score and instrumental variable analyses.** *Leukemia & lymphoma*
Matsuda, K. n., Taisuke, J. n., Miyauchi, M. n., Toyama, K. n., Nakazaki, K. n., Matsui, H. n., Fushimi, K. n., Yasunaga, H. n., Kurokawa, M. n.
2020; 61 (10): 2435–41
- **Significance of biopsy with ERCP for diagnosis of bile duct invasion of DLBCL.** *International journal of hematology*
Ito, Y. n., Miyauchi, M. n., Nakamura, T. n., Takahara, N. n., Nakai, Y. n., Taoka, K. n., Toyama, K. n., Shinozaki-Ushiku, A. n., Koike, K. n., Kurokawa, M. n.
2019
- **Arteritis after administration of granulocyte colony-stimulating factor: a case series.** *International journal of hematology*
Sasaki, K. n., Miyauchi, M. n., Ogura, M. n., Shimura-Nukina, A. n., Toyama, K. n., Nakazaki, K. n., Watadani, T. n., Abe, O. n., Kurokawa, M. n.
2019
- **Using patient-derived iPSCs to develop humanized mouse models for chronic myelomonocytic leukemia and therapeutic drug identification, including liposomal clodronate.** *Scientific reports*
Taoka, K. n., Arai, S. n., Kataoka, K. n., Hosoi, M. n., Miyauchi, M. n., Yamazaki, S. n., Honda, A. n., Aixinjueluo, W. n., Kobayashi, T. n., Kumano, K. n., Yoshimi, A. n., Otsu, M. n., Niwa, et al
2018; 8 (1): 15855
- **ADAM8 Is an Antigen of Tyrosine Kinase Inhibitor-Resistant Chronic Myeloid Leukemia Cells Identified by Patient-Derived Induced Pluripotent Stem Cells.** *Stem cell reports*
Miyauchi, M. n., Koya, J. n., Arai, S. n., Yamazaki, S. n., Honda, A. n., Kataoka, K. n., Yoshimi, A. n., Taoka, K. n., Kumano, K. n., Kurokawa, M. n.
2018; 10 (3): 1115–30
- **Modeling of hematologic malignancies by iPS technology.** *Experimental hematology*
Arai, S. n., Miyauchi, M. n., Kurokawa, M. n.
2015; 43 (8): 654–60
- **Targeted gene correction of RUNX1 in induced pluripotent stem cells derived from familial platelet disorder with propensity to myeloid malignancy restores normal megakaryopoiesis.** *Experimental hematology*
Iizuka, H. n., Kagoya, Y. n., Kataoka, K. n., Yoshimi, A. n., Miyauchi, M. n., Taoka, K. n., Kumano, K. n., Yamamoto, T. n., Hotta, A. n., Arai, S. n., Kurokawa, M. n.
2015; 43 (10): 849–57
- **[Induced pluripotent stem cells from leukemia patients as a platform for dissecting pathogenesis].** *[Rinsho ketsueki] The Japanese journal of clinical hematology*
Kurokawa, M., Miyauchi, M.
2014; 55 (10): 2202-7
- **Efficacy of pleural biopsy for diagnosis of pleural effusion due to chronic GVHD after hematopoietic stem cell transplantation.** *International journal of hematology*
Miyauchi, M. n., Yoshimi, A. n., Nannya, Y. n., Takazawa, Y. n., Ichikawa, M. n., Fukayama, M. n., Kurokawa, M. n.
2012; 96 (1): 146–48
- **Pituitary lymphoma developing within pituitary adenoma.** *International journal of hematology*
Morita, K. n., Nakamura, F. n., Kamikubo, Y. n., Mizuno, N. n., Miyauchi, M. n., Yamamoto, G. n., Nannya, Y. n., Ichikawa, M. n., Kurokawa, M. n.
2012; 95 (6): 721–24