

Stanford

Daiki Karigane

Instructor, Stanford Cancer Institute

Bio

ACADEMIC APPOINTMENTS

- Instructor, Stanford Cancer Institute

PROFESSIONAL EDUCATION

- Hematology fellowship, Keio University (2012)
- Doctor of Medicine, Keio University (2008)

Publications

PUBLICATIONS

- **p38alpha plays differential roles in hematopoietic stem cell activity dependent on aging contexts.** *The Journal of biological chemistry*
Sorimachi, Y., Karigane, D., Ootomo, Y., Kobayashi, H., Morikawa, T., Otsu, K., Kubota, Y., Okamoto, S., Goda, N., Takubo, K.
2021; 100563
- **Detection of residual disease in chronic myeloid leukemia utilizing genomic next generation sequencing reveals persistence of differentiated Ph+ B cells but not bone marrow stem/progenitors.** *Leukemia & lymphoma*
Karigane, D., Kasahara, H., Shiroshita, K., Fujita, S., Kobayashi, H., Tamaki, S., Yamazaki, R., Yahagi, K., Yatabe, Y., Kondoh, N., Arai, T., Katagiri, H., Shimizu, et al
2020; 1–9
- **Sufficiency for inducible Caspase-9 safety switch in human pluripotent stem cells and disease cells.** *Gene therapy*
Nishimura, T., Xu, H., Iwasaki, M., Karigane, D., Saavedra, B., Takahashi, Y., Suchy, F. P., Monobe, S., Martin, R. M., Ohtaka, M., Nakanishi, M., Burrows, S. R., Cleary, et al
2020
- **Invasive hepatic mucormycosis: A case report and review of the literature.** *Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy*
Karigane, D., Kikuchi, T., Sakurai, M., Kato, J., Yamane, Y., Hashida, R., Abe, R., Hatano, M., Hasegawa, N., Wakayama, M., Shibuya, K., Okamoto, S., Mori, et al
2019; 25 (1): 50-53
- **Successful treatment of breakthrough disseminated Trichosporon asahii fungemia in a patient with acute myeloid leukemia receiving itraconazole prophylaxis.** *Medical mycology case reports*
Karigane, D., Sakurai, M., Matsuyama, E., Ide, K., Yamamoto-Takeuchi, S., Inazumi, T., Kohashi, S.
2018; 20: 1-3
- **CXorf48 is a potential therapeutic target for achieving treatment-free remission in CML patients.** *Blood cancer journal*
Matsushita, M., Ozawa, K., Suzuki, T., Nakamura, M., Nakano, N., Kanchi, S., Ichikawa, D., Matsuki, E., Sakurai, M., Karigane, D., Kasahara, H., Tsukamoto, N., Shimizu, et al
2017; 7 (9): e601
- **Metabolic regulation of hematopoietic and leukemic stem/progenitor cells under homeostatic and stress conditions.** *International journal of hematology*
Karigane, D., Takubo, K.
2017

- **Effects of calcineurin inhibitors on sodium excretion in recipients of allogeneic hematopoietic stem cell transplantation.** *International journal of hematology*
Saburi, M., Kohashi, S., Kato, J., Koda, Y., Sakurai, M., Toyama, T., Kikuchi, T., Karigane, D., Yuda, S., Yamane, Y., Hashida, R., Abe, R., Nakazato, et al
2017

- **p38 alpha Activates Purine Metabolism to Initiate Hematopoietic Stem/Progenitor Cell Cycling in Response to Stress** *CELL STEM CELL*
Karigane, D., Kobayashi, H., Morikawa, T., Ootomo, Y., Sakai, M., Nagamatsu, G., Kubota, Y., Goda, N., Matsumoto, M., Nishimura, E. K., Soga, T., Otsu, K., Suematsu, et al
2016; 19 (2): 192-204

- **Bacterial c-di-GMP Affects Hematopoietic Stem/Progenitors and Their Niches through STING** *CELL REPORTS*
Kobayashi, H., Kobayashi, C. I., Nakamura-Ishizu, A., Karigane, D., Haeno, H., Yamamoto, K. N., Sato, T., Ohteki, T., Hayakawa, Y., Barber, G. N., Kurokawa, M., Suda, T., Takubo, et al
2015; 11 (1): 71-84

- **Cytomegalovirus enteritis in immunocompetent subjects: a case report and review of the literature.** *Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy*
Karigane, D., Takaya, S., Seki, Y., Mastumoto, Y., Onose, A., Kosakai, A., Sugaya, N., Mori, T.
2014; 20 (5): 325-329