

Stanford



Takeshi Sugio

Postdoctoral Scholar, Oncology

 NIH Biosketch available Online

Bio

BIO

I am a physician-scientist and hematologist focused on clinical translation of T-cell biology. I received my MD from Kyushu University, and subsequently completed Residency Training at Toranomon Hospital, the largest transplant center in Japan. I continued my Hematology training at Kyushu University, where I qualified as a Board-certified specialist (2017) and supervisory hematologist (2021) by the Japanese Society of Hematology. For my PhD (2014-19), I studied expression profiles and histologic features of TCLs. I discovered distinct TCL clinical groups identified by infiltrating immune cell patterns in the microenvironment. Based on my dissertation work (Sugio, et al 2018 Blood Advances), I planned and conducted a Phase II trial of PD1 inhibition for relapsed/refractory TCL (UMIN000034499). I joined the Alizadeh lab at Stanford in 2021, where I am developing tools to analyze immune status using liquid biopsies.

HONORS AND AWARDS

- JSPS Overseas Research Fellowships, Japan Society for the Promotion of Science
- Special Fellow, Leukemia Lymphoma Society

STANFORD ADVISORS

- Ash Alizadeh, Postdoctoral Faculty Sponsor
- Ash Alizadeh, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Indirect presentation of mismatched human leukocyte antigen-B associates with outcomes of cord blood transplantation.** *British journal of haematology*
Sugio, T., Miyawaki, K., Uchida, N., Niemann, M., Spierings, E., Mori, K., Ohno, Y., Eto, T., Mori, Y., Yoshimoto, G., Kikushige, Y., Kunisaki, Y., Mizuno, et al
2025
- **Integrating Genomic & Transcriptomic Features for Noninvasive Detection, Characterization, and Monitoring of T-Cell Lymphomas**
Sugio, T., Nesselbush, M., Shukla, N., Garofalo, A., Mutter, J. A., Esfahani, M., Alig, S. K., Shi, S., Noordenbos, T., Hamilton, M. P., Rossi, C., Tian, F., Liu, et al
ELSEVIER.2024: 454-455
- **Direct Method for Estimating the Fraction of T and B/Plasma Cell-Derived DNA**
Sugio, T., Esfahani, M., Jun, S., Sworder, B. J., Hamilton, M. P., Hosoya, H., Olsen, M., Kang, X., Liu, C., Tian, F., Miklos, D. B., Kurtz, D., Diehn, et al
ELSEVIER.2024: 2223-2224
- **Risk of Second Tumors and T-Cell Lymphoma after CAR T-Cell Therapy.** *The New England journal of medicine*

- Hamilton, M. P., Sugio, T., Noordenbos, T., Shi, S., Bulterys, P. L., Liu, C. L., Kang, X., Olsen, M. N., Good, Z., Dahiya, S., Frank, M. J., Sahaf, B., Mackall, et al
2024; 390 (22): 2047-2060
- **Prognostic impact of HLA supertype mismatch in single-unit cord blood transplantation.** *Bone marrow transplantation*
Sugio, T., Uchida, N., Miyawaki, K., Ohno, Y., Eto, T., Mori, Y., Yoshimoto, G., Kikushige, Y., Kunisaki, Y., Mizuno, S., Nagafuji, K., Iwasaki, H., Kamimura, et al
2024
 - **An Integrated Multimodal Framework for Noninvasive TCL Disease Detection and Monitoring**
Sugio, T., Shukla, N., Khodadoust, M. S., Nesselbush, M., Kato, K., Alig, S. K., Boegeholz, J., Schroers-Martin, J., Esfahani, M., Mutter, J. A., Garofalo, A., Jun, S., Hamilton, et al
AMER SOC HEMATOLOGY.2023
 - **Indirectly Recognizable Epitopes Derived from Recipient Mismatched HLA-B Are Associated with Adverse Prognosis in Single-Unit Cord Blood Transplantation**
Sugio, T., Kato, K., Uchida, N., Miyawaki, K., Niemann, M., Spierings, E., Onizuka, M., Uehara, Y., Tanaka, M., Doki, N., Eto, T., Kobayashi, H., Maruyama, et al
AMER SOC HEMATOLOGY.2022
 - **Prognostic value of pre-transplantation total metabolic tumor volume on 18fluoro-2-deoxy-D-glucose positron emission tomography-computed tomography in relapsed and refractory aggressive lymphoma.** *International journal of hematology*
Sugio, T., Baba, S., Mori, Y., Yoshimoto, G., Kamesaki, K., Takashima, S., Urata, S., Shima, T., Miyawaki, K., Kikushige, Y., Kunisaki, Y., Numata, A., Takenaka, et al
2022
 - **A Germinal Center-Associated Microenvironmental Signature Reflects Malignant Phenotype and Outcome of DLBCL.** *Blood advances*
Miyawaki, K., Kato, K., Sugio, T., Sasaki, K., Miyoshi, H., Semba, Y., Kikushige, Y., Mori, Y., Kunisaki, Y., Iwasaki, H., Miyamoto, T., Kuo, F. C., Aster, et al
2021
 - **Microenvironmental immune cell signatures dictate clinical outcomes for PTCL-NOS.** *Blood advances*
Sugio, T., Miyawaki, K., Kato, K., Sasaki, K., Yamada, K., Iqbal, J., Miyamoto, T., Ohshima, K., Maeda, T., Miyoshi, H., Akashi, K.
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 - **Mogamulizumab Treatment Prior to Allogeneic Hematopoietic Stem Cell Transplantation Induces Severe Acute Graft-versus-Host Disease** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Sugio, T., Kato, K., Aoki, T., Ohta, T., Saito, N., Yoshida, S., Kawano, I., Henzan, H., Kadowaki, M., Takase, K., Muta, T., Miyawaki, K., Yamauchi, et al
2016; 22 (9): 1608-1614
 - **CAR19 therapy drives expansion of clonal hematopoiesis and associated cytopenias.** *Research square*
Hamilton, M. P., Phillips, N., Noordenbos, T., Boegeholz, J., Sugio, T., Sworder, B. J., Alig, S. K., Good, Z., Schroers-Martin, J. G., Tamaresis, J., Esfahani, M. S., Lu, Y., Olsen, et al
2025
 - **An ultrasensitive method for detection of cell-free RNA.** *Nature*
Nesselbush, M. C., Luca, B. A., Jeon, Y. J., Jabara, I., Meador, C. B., Garofalo, A., Binkley, M. S., Hui, A. B., van 't Erve, I., Xu, N., Shi, W. Y., Liu, K. J., Sugio, et al
2025
 - **Discrete genetic subtypes and tumor microenvironment signatures correlate with peripheral T-cell lymphoma outcomes.** *Leukemia*
Suehara, Y., Sakamoto, K., Fujisawa, M., Fukumoto, K., Abe, Y., Makishima, K., Suma, S., Sakamoto, T., Hattori, K., Sugio, T., Kato, K., Akashi, K., Matsue, et al
2025
 - **Distinct leukemogenic mechanism of acute promyelocytic leukemia based on genomic structure of PML::RAR α .** *Leukemia*
Minami, M., Sakoda, T., Kawano, G., Kochi, Y., Sasaki, K., Sugio, T., Jinnouchi, F., Miyawaki, K., Kunisaki, Y., Kato, K., Miyamoto, T., Akashi, K., Kikushige, et al
2025
 - **Distinct Molecular Aberrations of Classic Hodgkin Lymphoma in Older Adults Identified By Comprehensive Genomic Profiling**

Rossi, C., Boegeholz, J., Goldstein, J. S., Shi, S., Su, S., Tessoulin, B., Alig, S. K., Garofalo, A., Esfahani, M., Schroers-Martin, J. G., Liu, C., Olsen, M., Kang, et al

ELSEVIER.2024: 853-854

● **Acquired Immunodeficiency Landscapes Via Integrated Noninvasive Viral & Immune Profiling in HIV-Associated Lymphoproliferative Disease**

Shi, S., Lurain, K., Schroers-Martin, J. G., Garofalo, A., Mutter, J. A., Sugio, T., Kang, X., Tian, F., Liu, C., Olsen, M., Wilson, W. H., Diehn, M., Roschewski, et al

ELSEVIER.2024: 1157-1158

● **Resolving the Microarchitecture of Classic and Transformed Follicular Lymphoma By Single Cell Alignment to Spatial Transcriptomes**

Noordenbos, T., Schroers-Martin, J. G., Hamilton, M. P., Jun, S., Sugio, T., Sworder, B. J., Steen, C., Olsen, M., Liu, C., Newman, A., Howitt, B., Natkunam, Y., Miklos, et al

ELSEVIER.2024: 2993-2994

● **Clinicopathological comparison between PTCL-TBX21 and PTCL-GATA3 in Japanese patients. *Cancer medicine***

Shimasaki, Y., Miyoshi, H., Kawamoto, K., Yoshida, N., Mishina, T., Nakashima, K., Imamoto, T., Sugio, T., Yanagida, E., Kato, T., Yamada, K., Takeuchi, M., Suzuki, et al

2024

● **Outcomes of allogeneic hematopoietic stem cell transplantation for relapsed or refractory diffuse large B-cell lymphoma. *Bone marrow transplantation***

Kato, K., Sugio, T., Ikeda, T., Yoshitsugu, K., Miyazaki, K., Suzumiya, J., Yamamoto, G., Kim, S. W., Ikegame, K., Uehara, Y., Mori, Y., Ishikawa, J., Hiramoto, et al

2023

● **Tumor heterogeneity and immune-evasive T follicular cell lymphoma phenotypes at single-cell resolution. *Leukemia***

Suma, S., Suehara, Y., Fujisawa, M., Abe, Y., Hattori, K., Makishima, K., Sakamoto, T., Sawa, A., Bando, H., Kaji, D., Sugio, T., Kato, K., Akashi, et al

2023

● **Inferred Gene Expression By Cell-Free DNA Profiling Allows Noninvasive Lymphoma Classification**

Mutter, J. A., Esfahani, M., Schroers-Martin, J., Alig, S. K., Hamilton, M. P., Sworder, B. J., Tessoulin, B., Boegeholz, J., Flerlage, T., Flerlage, J. E., Binkley, M. S., Sugio, T., Rossi, et al

AMER SOC HEMATOLOGY.2023

● **Longitudinal Noninvasive Surveillance & Fragmentomic Characterization of Follicular Lymphoma**

Schroers-Martin, J., Mutter, J. A., Esfahani, M., Scherer, F., Soo, J., Alig, S. K., Kurtz, D. M., Sugio, T., Rossi, C., Tessoulin, B., Olsen, M., Liu, C., Diehn, et al

AMER SOC HEMATOLOGY.2023

● **Distinct Circulating Genomic Features of Classical Hodgkin Lymphoma of Older Adults**

Rossi, C., Boegeholz, J., Alig, S. K., Garofalo, A., Esfahani, M., Schroers-Martin, J., Olsen, M., Kang, X., Kurtz, D. M., Sugio, T., Hamilton, M. P., Andre, M., Casasnovas, et al

AMER SOC HEMATOLOGY.2023

● **Integrated genetic and clinical prognostic factors for aggressive adult T-cell leukemia/lymphoma. *Haematologica***

Kameda, T., Kataoka, K., Kamiunten, A., Hidaka, M., Miyoshi, H., Nakano, N., Nosaka, K., Yoshimitsu, M., Yasunaga, J., Kogure, Y., Shide, K., Miyahara, M., Sakamoto, et al

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● **Single-cell transcriptome analysis reveals comprehensive immune profiles of T follicular helper cell lymphoma**

Suma, S., Fujisawa, M., Abe, Y., Suehara, Y., Sugio, T., Akashi, K., Matsue, K., Nakamura, N., Suzuki, A., Suzuki, Y., Chiba, S., Sakata, M.

WILEY.2023: 796

● **Determinants of resistance to engineered T cell therapies targeting CD19 in large B cell lymphomas. *Cancer cell***

Sworder, B. J., Kurtz, D. M., Alig, S. K., Frank, M. J., Shukla, N., Garofalo, A., Macaulay, C. W., Shahrokh Esfahani, M., Olsen, M. N., Hamilton, J., Hosoya, H., Hamilton, M., Spiegel, et al

2022

● **Single-Cell Transcriptome Reveals Comprehensive Immune Profiles of T Follicular Helper Cell Lymphoma**

Suma, S., Fujisawa, M., Abe, Y., Suehara, Y., Kaji, D., Sugio, T., Kato, K., Akashi, K., Matsue, K., Nakamura, N., Suzuki, A., Suzuki, Y., Chiba, et al

AMER SOC HEMATOLOGY.2022: 8754-8755

- **Lymphoma Microenvironment in DLBCL and PTCL-NOS: the key to uncovering heterogeneity and the potential for stratification.** *Journal of clinical and experimental hematopathology : JCEH*
Miyawaki, K., Sugio, T.
2022; 62 (3): 127-135
- **Successful pseudo-autologous stem cell transplantation for donor-derived Burkitt lymphoma occurring 9 years after allogeneic transplantation.** *International journal of hematology*
Taniguchi, S., Utsumi, S., Kochi, Y., Taya, Y., Mori, Y., Semba, Y., Sugio, T., Miyawaki, K., Kikushige, Y., Kunisaki, Y., Yoshimoto, G., Numata, A., Kato, et al
2022
- **Molecular Monitoring of Lymphomas.** *Annual review of pathology*
Schroers-Martin, J. G., Alig, S., Garofalo, A., Tessoulin, B., Sugio, T., Alizadeh, A. A.
2022
- **Human acute leukemia utilizes branched-chain amino acid catabolism to maintain stemness through regulating PRC2 function.** *Blood advances*
Kikushige, Y., Miyamoto, T., Kochi, Y., Semba, Y., Ohishi, M., Irifune, H., Hatakeyama, K., Kunisaki, Y., Sugio, T., Sakoda, T., Miyawaki, K., Kato, K., Soga, et al
2022
- **Single-cell RNA sequencing reveals immune profile and tumor cell heterogeneity of angioimmunoblastic T-cell lymphoma**
Suma, S., Fujisawa, M., Abe, Y., Suehara, Y., Kusakabe, M., Sugio, T., Akashi, K., Matsue, K., Nakamura, N., Suzuki, A., Suzuki, Y., Chiba, S., Sakatayanagimoto, et al
WILEY.2022: 1273
- **Macrophages are primed to transdifferentiate into fibroblasts in malignant ascites and pleural effusions.** *Cancer letters*
Ito, M., Nakano, M., Ariyama, H., Yamaguchi, K., Tanaka, R., Semba, Y., Sugio, T., Miyawaki, K., Kikushige, Y., Mizuno, S., Isobe, T., Tanoue, K., Taguchi, et al
2022: 215597
- **Targeting leukemia-specific dependence on the de novo purine synthesis pathway** *LEUKEMIA*
Yamauchi, T., Miyawaki, K., Semba, Y., Takahashi, M., Izumi, Y., Nogami, J., Nakao, F., Sugio, T., Sasaki, K., Pinello, L., Bauer, D. E., Bamba, T., Akashi, et al
2021
- **Ustekinumab Improves Active Crohn's Disease by Suppressing the T Helper 17 Pathway** *DIGESTION*
Ihara, Y., Torisu, T., Miyawaki, K., Umeno, J., Kawasaki, K., Hirano, A., Fujioka, S., Fuyuno, Y., Matsuno, Y., Sugio, T., Sasaki, K., Moriyama, T., Akashi, et al
2021: 946-955
- **Platelet decrease and efficacy of platelet-rich plasma return following peripheral blood stem cell apheresis** *JOURNAL OF CLINICAL APHERESIS*
Shima, T., Sakoda, T., Henzan, T., Kunisaki, Y., Sugio, T., Kamezaki, K., Iwasaki, H., Teshima, T., Maeda, T., Akashi, K., Miyamoto, T.
2021; 36 (5): 687-696
- **Outcome predictors after retransplantation in relapsed acute lymphoblastic leukemia: a multicenter, retrospective study** *ANNALS OF HEMATOLOGY*
Mori, Y., Sasaki, K., Ito, Y., Kuriyama, T., Ueno, T., Kadowaki, M., Aoki, T., Sugio, T., Yoshimoto, G., Kato, K., Maeda, T., Nagafuji, K., Akashi, et al
2021; 100 (1): 197-208
- **B cell receptor signaling related to resistance to Helicobacter pylori eradication therapy in gastric diffuse large B cell lymphoma** *HEMATOLOGICAL ONCOLOGY*
Torisu, T., Kawano, S., Miyawaki, K., Yamamoto, H., Ihara, Y., Matsuno, Y., Torisu, K., Sugio, T., Sasaki, K., Shimakawa, T., Kato, K., Akashi, K., Nakamura, et al
2021; 39 (1): 145-147
- **Increasing Diluent Volume Decreases Bendamustine-Induced Venous Irritation without Reducing the Therapeutic Efficacy** *BIOLOGICAL & PHARMACEUTICAL BULLETIN*
Ishida, S., Morikawa, H., Watanabe, H., Tsuji, T., Sugio, T., Mori, Y., Miyamoto, T., Masuda, S., Akashi, K., Egashira, N.

2020; 43 (3): 488-492

- **Paics, a De Novo Purine Synthetic Enzyme, Is a Novel Target for AML Therapy**

Yamauchi, T., Miyawaki, K., Semba, Y., Nakao, F., Sugio, T., Sasaki, K., Nogami, J., Canver, M. C., Osborne, S., Pinello, L., Taylor, D., Bauer, D. E., Akashi, et al

AMER SOC HEMATOLOGY.2019

- **Paics Inhibition Is a Potential Therapeutic Strategy for MYC-Positive DLBCL**

Miyawaki, K., Yamauchi, T., Sugio, T., Sasaki, K., Miyoshi, H., Osborne, S., Taylor, D., Ohshima, K., Kato, K., Maeda, T., Akashi, K.

AMER SOC HEMATOLOGY.2019

- **A Fast and Accurate Diagnostic Method for Ph-like ALL Using the Ncounter System**

Sasaki, K., Miyawaki, K., Semba, Y., Kato, K., Nogami, J., Sugio, T., Miyamoto, T., Ito, Y., Nagafuji, K., Maeda, T., Akashi, K.

AMER SOC HEMATOLOGY.2019

- **Comparison of calcineurin inhibitors in combination with conventional methotrexate, reduced methotrexate, or mycophenolate mofetil for prophylaxis of graft-versus-host disease after umbilical cord blood transplantation ANNALS OF HEMATOLOGY**

Yoshida, S., Ohno, Y., Nagafuji, K., Yoshimoto, G., Sugio, T., Kamimura, T., Ohta, T., Takase, K., Henzan, H., Muta, T., Iwasaki, H., Ogawa, R., Eto, et al

2019; 98 (11): 2579-2591

- **Genome-Wide CRISPR Screen Identifies PAICS, An Enzyme Involved in De Novo Purine Synthesis, As a Potential Target for AML Therapy**

Yamauchi, T., Miyawaki, K., Semba, Y., Nakao, F., Sugio, T., Sasaki, K., Nogami, J., Schoonenberg, V. A. C., Cole, M. A., Macias-Trevino, C., Yao, Q., Canver, M. C., Osborne, et al

CIG MEDIA GROUP, LP.2019: S216-S217

- **PAICS Inhibition is a Potential Therapeutic Strategy for MYC-Positive Aggressive DLBCL**

Miyawaki, K., Yamauchi, T., Sugio, T., Sasaki, K., Miyoshi, H., Osborne, S., Taylor, D., Ohshima, K., Kato, K., Maeda, T., Akashi, K.

CIG MEDIA GROUP, LP.2019: S254

- **Safety and Seropositivity after Live Attenuated Vaccine in Adult Patients Receiving Hematopoietic Stem Cell Transplantation BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION**

Aoki, T., Kamimura, T., Yoshida, S., Mori, Y., Kadowaki, M., Kohno, K., Ishihara, D., Urata, S., Sugio, T., Kamezaki, K., Kato, K., Ito, Y., Eto, et al

2019; 25 (8): 1576-1585

- **Clinicopathological features of HCV-positive splenic diffuse large B cell lymphoma ANNALS OF HEMATOLOGY**

Shimono, J., Miyoshi, H., Arakawa, F., Yamada, K., Sugio, T., Miyawaki, K., Eto, T., Miyagishima, T., Kato, K., Nagafuji, K., Akashi, K., Teshima, T., Ohshima, et al

2019; 98 (5): 1197-1207

- **Previous exposure to bortezomib is linked to a lower risk of engraftment syndrome after autologous hematopoietic stem cell transplantation LEUKEMIA & LYMPHOMA**

Mori, Y., Yoshimoto, G., Yuda, J., Hayashi, M., Odawara, J., Kuriyama, T., Sugio, T., Miyawaki, K., Kamezaki, K., Kato, K., Takenaka, K., Iwasaki, H., Maeda, et al

2019; 60 (1): 271-273

- **Macrophages in ascites from cancer patients are primed to transdifferentiate into fibroblasts**

Ito, M., Nakano, M., Ariyama, H., Yamaguchi, K., Semba, Y., Sugio, T., Miyawaki, K., Kikushige, Y., Mizuno, S., Tanaka, R., Baba, E., Akashi, K.

WILEY.2018: 1262

- **Analysis of GNA13 Protein in Follicular Lymphoma and its Association With Poor Prognosis AMERICAN JOURNAL OF SURGICAL PATHOLOGY**

Shimono, J., Miyoshi, H., Yoshida, N., Kato, T., Sato, K., Sugio, T., Miyawaki, K., Kurita, D., Sasaki, Y., Kawamoto, K., Imaizumi, Y., Kato, K., Nagafuji, et al

2018; 42 (11): 1466-1471

- **Gastrointestinal Graft-versus-Host Disease Is a Risk Factor for Postengraftment Bloodstream Infection in Allogeneic Hematopoietic Stem Cell Transplant Recipients BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION**

Mori, Y., Yoshimoto, G., Nishida, R., Sugio, T., Miyawaki, K., Shima, T., Nagasaki, Y., Miyake, N., Harada, Y., Kunisaki, Y., Kamezaki, K., Numata, A., Kato, et al

2018; 24 (11): 2302-2309

- **Expression of PD-1 and PD-L1 on cytotoxic T lymphocytes and immune deficiency in a patient with adult T cell leukemia/lymphoma** *ANNALS OF HEMATOLOGY*
Yanagihara, T., Ikematsu, Y., Kato, K., Yonekawa, A., Ideishi, S., Tochigi, T., Sugio, T., Miyawaki, K., Tanaka, K., Harada, E., Hamada, N., Nakanishi, Y.
2018; 97 (2): 359-360
- **Hepatitis C virus infection is an independent prognostic factor in follicular lymphoma** *ONCOTARGET*
Shimono, J., Miyoshi, H., Kato, T., Sugio, T., Miyawaki, K., Kamimura, T., Miyagishima, T., Eto, T., Imaizumi, Y., Kato, K., Nagafuji, K., Akashi, K., Seto, et al
2018; 9 (2): 1717-1725
- **Hepatitis C virus infection is an independent prognostic factor in follicular lymphoma.** *Oncotarget*
Shimono, J., Miyoshi, H., Kato, T., Sugio, T., Miyawaki, K., Kamimura, T., Miyagishima, T., Eto, T., Imaizumi, Y., Kato, K., Nagafuji, K., Akashi, K., Seto, et al
2018; 9 (2): 1717-1725
- **Identification of unipotent megakaryocyte progenitors in human hematopoiesis.** *Blood*
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2017; 129 (25): 3332-3343
- **Delineation of Novel Subtypes Based on Microenvironment Immune Signature Provides Prognostic Stratification Strategy in Peripheral T-Cell Lymphoma**
Sugio, T., Miyawaki, K., Kato, K., Miyoshi, H., Ohshima, K., Akashi, K.
AMER SOC HEMATOLOGY.2016
- **Significance of monitoring trough plasma concentration levels for invasive fungal infection prophylaxis with itraconazole oral solution in patients with hematological malignancies: a prospective study.** [*Rinsho ketsueki*] *The Japanese journal of clinical hematology*
Kawano, I., Matsumoto, K., Jiromaru, T., Jinnouchi, F., Semba, Y., Sugio, T., Sakamoto, K., Saito, N., Yoshida, S., Henzan, H., Takase, K., Morita, K., Eto, et al
2016; 57 (12): 2475-2480
- **First Preclinical Report of the Efficacy and PD Results of KHK2823, a Non-Fucosylated Fully Human Monoclonal Antibody Against IL-3R alpha**
Akiyama, T., Takayanagi, S., Maekawa, Y., Miyawaki, K., Jinnouchi, F., Jiromaru, T., Sugio, T., Daitoku, S., Kusumoto, H., Shimabe, M., Nishikawa, S., Yamawaki, K., Iijima, et al
AMER SOC HEMATOLOGY.2015
- **Prior Use of Mogamulizumab to Allogenic Hematopoietic Stem Cell Transplantation Induces Severe Acute Graft-Versus-Host Disease**
Sugio, T., Kato, K., Aoki, T., Ota, T., Saito, N., Yoshida, S., Kawano, I., Henzan, H., Takase, K., Muta, T., Miyawaki, K., Shima, T., Takashima, et al
AMER SOC HEMATOLOGY.2015
- **[Herpes simplex virus type 2 fulminant hepatitis after umbilical cord blood transplantation for acute myeloid leukemia].** [*Rinsho ketsueki*] *The Japanese journal of clinical hematology*
Yuasa, M., Ishiwata, K., Sugio, T., Kaji, D., Ota, H., Tsuji, M., Yamamoto, H., Yamamoto, G., Asano-Mori, Y., Uchida, N., Izutsu, K., Taniguchi, S.
2014; 55 (6): 682-6