

Stanford



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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **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*
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- **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.
2018; 2 (17): 2242-2252
- **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

- **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., Ikegami, 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*

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

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

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

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

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- **Lymphoma Microenvironment in DLBCL and PTCL-NOS: the key to uncovering heterogeneity and the potential for stratification.** *Journal of clinical and experimental hematopathology : JCEH*

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- **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.
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- **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., Irihara, H., Hatakeyama, K., Kunisaki, Y., Sugio, T., Sakoda, T., Miyawaki, K., Kato, K., Soga, et al
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- **Single-cell RNA sequencing reveals immune profile and tumor cell heterogeneity of angioimmunoblastic T-cell lymphoma**

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- **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.
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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
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- **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
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- **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.
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- **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.
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- **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. C., Cole, M. A., Macias-Trevino, C., Yao, Q., Canver, M. C., Osborne, et al
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- **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
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- **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**
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- **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
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- **Hepatitis C virus infection is an independent prognostic factor in follicular lymphoma** *ONCOTARGET*
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- **Identification of unipotent megakaryocyte progenitors in human hematopoiesis.** *Blood*
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● **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
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