Stanford

Jason Gotlib

Professor of Medicine (Hematology)

Medicine - Hematology

CLINICAL OFFICE (PRIMARY)

- **Hematology Division**

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Bio

CLINICAL FOCUS

- Cancer > Hematology
- Hematology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Medicine - Hematology
- Member, Stanford Cancer Institute

HONORS AND AWARDS

- Charles Dorsey Armstrong Award for Excellence in Patient Care, Stanford Internal Medicine Residency Program (1998)
- Hematology Division Faculty Teaching Award, Stanford Division of Hematology/Department of Medicine (2005, 2007, 2009)
- NIH K23 Mentored Patient-Oriented Research Career Development Award (#HL04409), National Institutes of Health (2001-2006)

PROFESSIONAL EDUCATION

- Board Certification: Hematology, American Board of Internal Medicine (2024)
- Medical Education: Stanford University School of Medicine (1995) CA
- Fellowship: Stanford University Hematology and Oncology Fellowship (2003) CA
- Residency: Stanford University Internal Medicine Residency (1998) CA
- Internship: Stanford University Internal Medicine Residency (1996) CA
- B.A., Franklin & Marshall College , Biology; HAPOS (1990)
- M.D., Stanford , Medicine (1995)
- M.S., Stanford , Clinical Epidemiology (2003)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interests include phase I/II clinical trial evaluation of novel therapies for the following diseases:

--Myelodysplastic syndromes (MDS)

--Chronic myelogenous leukemia (CML)

--Acute myelogenous leukemia (AML)

--Myeloproliferative disorders (MPDs) including:

Hypereosinophilic syndrome

Systemic mastocytosis

BCR-ABL-negative MPDs

CLINICAL TRIALS

- Efficacy and Safety of ON 01910.Na in Myelodysplastic Syndrome (MDS) Patients With Trisomy 8 or Classified as Intermediate-1, -2 or High Risk, Not Recruiting
- Efficacy and Safety of Simtuzumab in Adults With Primary, Post Polycythemia Vera or Post Essential Thrombocythemia Myelofibrosis, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Epidemiology (Masters Program)

Publications

PUBLICATIONS

- **Superior Efficacy of Midostaurin Over Cladribine in Advanced Systemic Mastocytosis: A Registry-Based Analysis.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*

  Lubke, J., Schwaab, J., Naumann, N., Horny, H., WeiSS, C., Metzgeroth, G., Kreil, S., Cross, N. C., Sotlar, K., Fabarius, A., Hofmann, W., Valent, P., Gotlib, et al

  2022: JCO2101849

- **Comparison of the Transcriptomic Signatures in Pediatric and Adult CML.** *Cancers*

  Youn, M., Smith, S. M., Lee, A. G., Chae, H., Spiteri, E., Erdmann, J., Galperin, I., Jones, L. M., Donato, M., Abidi, P., Bittencourt, H., Lacayo, N., Dahl, et al

  1800; 13 (24)

- **Safety and efficacy of avapritinib in advanced systemic mastocytosis: the phase 1 EXPLORER trial.** *Nature medicine*

  DeAngelo, D. J., Radia, D. H., George, T. I., Robinson, W. A., Quiery, A. T., Drummond, M. W., Bose, P., Hexner, E. O., Winton, E. F., Horny, H., Tugnait, M., Schmidt-Kittler, O., Evans, et al

  2021

- **Efficacy and safety of avapritinib in advanced systemic mastocytosis: interim analysis of the phase 2 PATHFINDER trial.** *Nature medicine*

  Gotlib, J., Reiter, A., Radia, D. H., Deininger, M. W., George, T. I., Panse, J., Vannucchi, A. M., Platzbecker, U., Alvarez-Twose, I., Mital, A., Hermine, O., Dybedal, I., Hexner, et al

  2021

- **Updated Diagnostic Criteria and Classification of Mast Cell Disorders: A Consensus Proposal.** *HemaSphere*

  Valent, P., Akin, C., Hartmann, K., Alvarez-Twose, I., Brockow, K., Hermine, O., Niedoszytko, M., Schwaab, J., Lyons, J. J., Carter, M. C., Elberink, H. O., Butterfield, J. H., George, et al

  2021; 5 (11): e646

- **Updated Diagnostic Criteria and Classification of Mast Cell Disorders: A Consensus Proposal** *HEMASPHERE*

  Valent, P., Akin, C., Hartmann, K., Alvarez-Twose, I., Brockow, K., Hermine, O., Niedoszytko, M., Schwaab, J., Lyons, J. J., Carter, M. C., Elberink, H., Butterfield, J. H., George, et al

  2021; 5 (11)

- **Platelet transcriptome identifies progressive markers and potential therapeutic targets in chronic myeloproliferative neoplasms** *CELL REPORTS MEDICINE*

  Shen, Z., Du, W., Perkins, C., Fechter, L., Natu, V., Maecker, H., Rowley, J., Gotlib, J., Zehnder, J., Krishnan, A.

2021; 2 (10)

- **Platelet transcriptome identifies progressive markers and potential therapeutic targets in chronic myeloproliferative neoplasms.** *Cell reports. Medicine*
  Shen, Z., Du, W., Perkins, C., Fechter, L., Natu, V., Maecker, H., Rowley, J., Gotlib, J., Zehnder, J., Krishnan, A.
  2021; 2 (10): 100425

- **Refined diagnostic criteria for bone marrow mastocytosis: a proposal of the European competence network on mastocytosis.** *Leukemia*
  Zanotti, R., Bonifacio, M., Lucchini, G., Sperr, W. R., Scaffidi, L., van Anrooij, B., Oude Elberink, H. N., Rossignol, J., Hermine, O., Gorska, A., Lange, M., Hadzijusufovic, E., Miething, et al
  2021

- **World Health Organization-defined eosinophilic disorders: 2021 update on diagnosis, risk stratification, and management.** *American journal of hematology*
  Shomali, W., Gotlib, J.
  2021

- **Lymphoid blast transformation in an MPN with BCR-JAK2 treated with ruxolitinib: putative mechanisms of resistance.** *Blood advances*
  Chen, J. A., Hou, Y., Roskin, K. M., Arber, D. A., Bangs, C. D., Baughn, L. B., Cherry, A. M., Ewalt, M. D., Fire, A. Z., Fresard, L., Kearney, H. M., Montgomery, S. B., Ohgami, et al
  2021; 5 (17): 3492-3496

- **Efficacy and Safety of <= 200 mg Avapritinib in Patients with Advanced Systemic Mastocytosis: Pooled Results from the Phase 1 EXPLORER and Interim Phase 2 PATHFINDER Studies**
  Radia, D., DeAngelo, D., Deininger, M. W., Reiter, A., Sen, J., Lin, H., Dimitrijevic, S., Gotlib, J.
  CIG MEDIA GROUP, LP.2021: S367-S368

- **Chronic Eosinophilic Leukemia: Diagnosis and Therapy**
  Gotlib, J., Shomali, W., Reiter, A.
  CIG MEDIA GROUP, LP.2021: S27-S29

- **Myeloid/Lymphoid Neoplasms with Eosinophilia and TKI Fusion Genes: Treatment**
  Reiter, A., Cross, N. C. P., Gotlib, J.
  CIG MEDIA GROUP, LP.2021: S66-S68

- **Current and future status of JAK inhibitors** *LANCET*
  McLornan, D. P., Pope, J. E., Gotlib, J., Harrison, C. N.
  2021; 398 (10302): 803-816

- **PATHFINDER: Interim analysis of avapritinib (ava) in patients (pts) with advanced systemic mastocytosis (AdvSM).**
  DeAngelo, D. J., Reiter, A., Radia, D., Deininger, M. W., George, T. I., Panse, J., Vannucchi, A. M., Jentzsch, M., Alvarez-Twose, I., Mital, A., Hermine, O., Dybedal, I., Hexner, et al
  AMER ASSOC CANCER RESEARCH.2021

- **Diagnosis and Management of Neutrophilic Myeloid Neoplasms** *CLINICAL ADVANCES IN HEMATOLOGY & ONCOLOGY*
  Schwede, M., Gotlib, J., Shomali, W.
  2021; 19 (7): 450-459

- **A Phase 1/2 Study of INCB000928 as Monotherapy or in Combination with Ruxolitinib in Patients with Anemia Due to Myelofibrosis (INCB 00928-104).**
  Oh, S. T., Kiladjian, J., Palandri, F., Gotlib, J. R., Mohan, S., Ali, H., Asatiani, E., Seguy, F., Zhou, F., Verstovsek, S.
  AMER ASSOC CANCER RESEARCH.2021

- **Clinical and histopathological features of myeloid neoplasms with concurrent Janus kinase 2 (JAK2) V617F and KIT proto-oncogene, receptor tyrosine kinase (KIT) D816V mutations.** *British journal of haematology*
  Naumann, N., Lubke, J., Shomali, W., Reiter, L., Horny, H., Jawhar, M., Dangelo, V., Fabarius, A., Metzgeroth, G., Kreil, S., Sotlar, K., Oni, C., Harrison, et al
  2021

- **Ruxolitinib discontinuation in polycythemia vera: Patient characteristics, outcomes, and salvage strategies from a large multi-institutional database.** *Leukemia research*

Tremblay, D., Ronner, L., Podoltsev, N., Gotlib, J., Heaney, M., Kuykendall, A., O'Connell, C., Shammo, J. M., Fleischman, A., Mesa, R., Yacoub, A., Hoffman, R., Moshier, et al

2021; 109: 106629

- **Secondary cytogenetic abnormalities in core-binding factor AML harboring inv(16) vs t(8;21).** *Blood advances*

  Han, S. Y., Mrozek, K., Voutsinas, J., Wu, Q., Morgan, E. A., Vestergaard, H., Ohgami, R., Kluin, P. M., Kristensen, T. K., Pullarkat, S., Moller, M. B., Schiefer, A., Baughn, et al

  2021; 5 (10): 2481-2489

- **Psychometric evaluation of the Advanced Systemic Mastocytosis Symptom Assessment Form (AdvSM-SAF).** *Leukemia research*

  Taylor, F., Li, X., Yip, C., Padilla, B., Mar, B., Green, T., Oren, R., Boral, A. L., Lin, H., Shields, A. L., Gotlib, J.

  2021; 108: 106606

- **Avapritinib induces responses in patients with advanced systemic mastocytosis, regardless of prior midostaurin therapy**

  Radia, D., Drummond, M. W., Gotlib, J., George, T. I., Quiery, A. T., Winton, E., Lin, H., Mar, B. G., Deininger, M. W., DeAngelo, D. J.

  WILEY.2021: 58-59

- **Results from PIONEER: a randomized, double-blind, placebo-controlled, phase 2 study of avapritinib in patients with indolent systemic mastocytosis**

  Radia, D. H., Sabato, V., Castells, M., Akin, C., Elberink, H., Tashi, T., George, T. I., Roche, M., DeAngelo, D. J., Gotlib, J.

  WILEY.2021: 8-9

- **A Phase 1/2 Study of INCB000928 as Monotherapy or in Combination with Ruxolitinib in Patients with Anemia Due to Myelofibrosis (INCB 00928-104)**

  Oh, S., Kiladjian, J., Palandri, F., Gotlib, J., Mohan, S., Ali, H., Asatiani, E., Seguy, F., Zhou, F., Verstovsek, S.

  WILEY.2021: 111-112

- **Response Criteria in Advanced Systemic Mastocytosis: Evolution in the Era of KIT Inhibitors.** *International journal of molecular sciences*

  Shomali, W., Gotlib, J.

  2021; 22 (6)

- **Proceedings from the Inaugural American Initiative in Mast Cell Diseases (AIM) Investigator Conference.** *The Journal of allergy and clinical immunology*

  Gotlib, J., George, T., Carter, M. C., Austen, K. F., Bochner, B., Dwyer, D., Lyons, J., Hamilton, M. J., Butterfield, J., Bonadonna, P., Weiler, C., Galli, S. J., Schwartz, et al

  2021

- **Clinical Impact of Skin Lesions in Mastocytosis: A Multicenter Study of the European Competence Network on Mastocytosis (ECNM).** *The Journal of investigative dermatology*

  Aberer, E., Sperr, W. R., Bretterklieber, A., Avian, A., Hadzijusufovic, E., Kluin-Nelemans, H. C., Elberink, H. O., van Anrooij, B., Niedoszytko, M., Lange, M., Gorska, A., Elena, C., Brazzelli, et al

  2021

- **What your HalphaT says about you.** *Blood*

  Gotlib, J.

  2021; 137 (2): 151–53

- **Tuning MPL signaling to influence hematopoietic stem cell differentiation and inhibit essential thrombocythemia progenitors.** *Proceedings of the National Academy of Sciences of the United States of America*

  Cui, L., Moraga, I., Lerbs, T., Van Neste, C., Wilmes, S., Tsutsumi, N., Trotman-Grant, A. C., Gakovic, M., Andrews, S., Gotlib, J., Darmanis, S., Enge, M., Quake, et al

  2021; 118 (2)

- **Cytogenetic and molecular aberrations and worse outcome for male patients in systemic mastocytosis.** *Theranostics*

  Kluin-Nelemans, H. C., Jawhar, M., Reiter, A., van Anrooij, B., Gotlib, J., Hartmann, K., Illerhaus, A., Oude Elberink, H. N., Gorska, A., Niedoszytko, M., Lange, M., Scaffidi, L., Zanotti, et al

  2021; 11 (1): 292-303

- **Selecting the Right Criteria and Proper Classification to Diagnose Mast Cell Activation Syndromes: A Critical Review.** *The journal of allergy and clinical immunology. In practice*

  Gulen, T., Akin, C., Bonadonna, P., Siebenhaar, F., Broesby-Olsen, S., Brockow, K., Niedoszytko, M., Nedoszytko, B., Oude Elberink, H. N., Butterfield, J. H., Sperr, W. R., Alvarez-Twose, I., Horny, et al

2021

- **A novel activating JAK1 mutation in chronic eosinophilic leukemia.** *Blood advances*
  Shomali, W., Damnernsawad, A., Theparee, T., Sampson, D., Morrow, Q., Yang, F., Fernandez-Pol, S., Press, R. D., Zehnder, J. L., Tyner, J. W., Gotlib, J. R.
  2021

- **Diagnosis and management of neutrophilic myeloid neoplasms.** *Clinical advances in hematology & oncology : H&O*
  Schwede, M., Gotlib, J., Shomali, W.
  2021; 19 (7): 450-459

- **COVID-19 vaccination in mastocytosis: recommendations of the European Competence Network on Mastocytosis (ECNM) and American Initiative in Mast Cell Diseases (AIM).** *The journal of allergy and clinical immunology. In practice*
  Bonadonna, P. n., Brockow, K. n., Niedoszytko, M. n., Elberink, H. O., Akin, C. n., Nedoszytko, B. n., Butterfield, J. H., Alvarez-Twose, I. n., Sotlar, K. n., Schwaab, J. n., Jawhar, M. n., Castells, M. n., Sperr, et al
  2021

- **Proposed global prognostic score for systemic mastocytosis: a retrospective prognostic modelling study.** *The Lancet. Haematology*
  Muñoz-González, J. I., Álvarez-Twose, I. n., Jara-Acevedo, M. n., Zanotti, R. n., Perkins, C. n., Jawhar, M. n., Sperr, W. R., Shoumariyeh, K. n., Schwaab, J. n., Greiner, G. n., Henriques, A. n., Caldas, C. n., Fernández-Giménez, et al
  2021

- **Routine use of gemtuzumab ozogamicin in 7 + 3-based inductions for all 'non-adverse' risk AML.** *Leukemia & lymphoma*
  Ladha, A. n., Hui, G. n., Cheung, E. n., Berube, C. n., Coutre, S. E., Gotlib, J. n., Liedtke, M. n., Zhang, T. Y., Muffly, L. n., Mannis, G. N.
  2021: 1–6

- **Tuning MPL signaling to influence hematopoietic stem cell differentiation and inhibit essential thrombocythemia progenitors** *Proceedings of the National Academy of Sciences*
  Wernig, G.
  2021; 118 (2) (Jan 2021)

- **Cytogenetic and molecular aberrations and worse outcome for male patients in systemic mastocytosis** *THERANOSTICS*
  Kluin-Nelemans, H. C., Jawhar, M., Reiter, A., van Anrooij, B., Gotlib, J., Hartmann, K., Illerhaus, A., Elberink, H., Gorska, A., Niedoszytko, M., Lange, M., Scaffidi, L., Zanotti, et al
  2021; 11 (1): 292–303

- **Scoring the risk of having systemic mastocytosis in adult patients with mastocytosis in the skin.** *The journal of allergy and clinical immunology. In practice*
  Fuchs, D., Kilbertus, A., Kofler, K., von Bubnoff, N., Shoumariyeh, K., Zanotti, R., Bonadonna, P., Scaffidi, L., Doubek, M., Elberink, H. O., Span, L. F., Hermine, O., Elena, et al
  2020

- **Sustained Complete Molecular Remission With Imatinib Monotherapy in a Child Presenting With Blast Phase FIP1L1-PDGFRA-Associated Myeloid Neoplasm With Eosinophilia.** *HemaSphere*
  Jain, J., Weinzierl, E. P., Saxe, D., Bergsagel, J., Gotlib, J., Reiter, A., Raikar, S. S.
  2020; 4 (6): e486

- **Practical Management of Adverse Events in Patients With Advanced Systemic Mastocytosis Receiving Midostaurin.** *Expert opinion on biological therapy*
  Gotlib, J., Kluin-Nelemans, H. C., Akin, C., Hartmann, K., Valent, P., Reiter, A.
  2020

- **Core-binding factor acute myeloid leukemia with inv(16): Older age and high white blood cell count are risk factors for treatment failure.** *International journal of laboratory hematology*
  Ustun, C., Morgan, E. A., Ritz, E. M., Vestergaard, H., Pullarkat, S., Kluin, P. M., Ohgami, R., Baughn, L. B., Kim, Y., Ku, N. K., Czuchlewski, D., Boe Moller, M., Schiefer, et al
  2020

- **Dynamic and Time-To-Event Analyses Demonstrate Marked Reduction in Transfusion Requirements for Janus Kinase Inhibitor-Naive Myelofibrosis Patients Treated with Momelotinib Compared Head to Head with Ruxolitinib**
  McLornan, D., Mesa, R., Catalano, J., Cervantes, F., Devos, T., Egyed, M., Gotlib, J., Kiladjian, J., Oh, S., Shimoda, K., Coart, E., D'Hollander, K., Donahue, et al

CIG MEDIA GROUP, LP.2020: S329–S330

- **Real-World Outcomes of Ruxolitinib Treatment for Polycythemia Vera.** *Clinical lymphoma, myeloma & leukemia*
  Coltoff, A., Mesa, R., Gotlib, J., Shulman, J., Rampal, R. K., Siwoski, O., Yacoub, A., Moliterno, A., Yang, A., Braunstein, E., Gerds, A. T., Hobbs, G. S., Winton, et al
  2020

- **Non-hematologic diagnosis of systemic mastocytosis: Collaboration of radiology and pathology.** *Blood reviews*
  Ozturk, K., Cayci, Z., Gotlib, J., Akin, C., George, T. I., Ustun, C.
  2020: 100693

- **Persistent leukocytosis in polycythemia vera is associated with disease evolution but not thrombosis.** *Blood*
  Ronner, L., Podoltsev, N., Gotlib, J., Heaney, M. L., Kuykendall, A. T., O'Connell, C., Shammo, J., Fleischman, A. G., Scherber, R. M., Mesa, R., Yacoub, A., Perkins, C., Meckstroth, et al
  2020

- **MARS: Mutation-Adjusted Risk Score for Advanced Systemic Mastocytosis**
  Jawhar, M., Schwaab, J., Alvarez-Twose, I., Shoumariyeh, K., Naumann, N., Luebke, J., Perkins, C., Munoz-Gonzalez, J. I., Meggendorfer, M., Kennedy, V., Metzgeroth, G., Fabarius, A., Pfeifer, et al
  KARGER.2020: 107–8

- **Chronic Myeloid Leukemia, Version 2.2021, NCCN Clinical Practice Guidelines in Oncology.** *Journal of the National Comprehensive Cancer Network : JNCCN*
  Deininger, M. W., Shah, N. P., Altman, J. K., Berman, E., Bhatia, R., Bhatnagar, B., DeAngelo, D. J., Gotlib, J., Hobbs, G., Maness, L., Mead, M., Metheny, L., Mohan, et al
  2020; 18 (10): 1385–1415

- **New Developments in Diagnosis, Prognostication, and Treatment of Advanced Systemic Mastocytosis.** *Blood*
  Reiter, A. n., George, T. I., Gotlib, J. R.
  2020

- **Venetoclax and hypomethylating agent therapy in high risk myelodysplastic syndromes: a retrospective evaluation of a real-world experience.** *Leukemia & lymphoma*
  Azizi, A. n., Ediriwickrema, A. n., Dutta, R. n., Patel, S. A., Shomali, W. n., Medeiros, B. n., Iberri, D. n., Gotlib, J. n., Mannis, G. n., Greenberg, P. n., Majeti, R. n., Zhang, T. n.
  2020: 1–8

- **Myeloid/Lymphoid Neoplasms with Eosinophilia and TK Fusion Genes, Version 3.2021, NCCN Clinical Practice Guidelines in Oncology.** *Journal of the National Comprehensive Cancer Network : JNCCN*
  Gerds, A. T., Gotlib, J., Bose, P., Deininger, M. W., Dunbar, A., Elshoury, A., George, T. I., Gojo, I., Gundabolu, K., Hexner, E., Hobbs, G., Jain, T., Jamieson, et al
  2020; 18 (9): 1248–69

- **Mast cells as a unique hematopoietic lineage and cell system: From Paul Ehrlich's visions to precision medicine concepts.** *Theranostics*
  Valent, P., Akin, C., Hartmann, K., Nilsson, G., Reiter, A., Hermine, O., Sotlar, K., Sperr, W. R., Escribano, L., George, T. I., Kluin-Nelemans, H. C., Ustun, C., Triggiani, et al
  2020; 10 (23): 10743–68

- **Risk and Management of Patients with Mastocytosis and MCAS in the SARS-CoV-2 (COVID-19) Pandemic: Expert Opinions.** *The Journal of allergy and clinical immunology*
  Valent, P. n., Akin, C. n., Bonadonna, P. n., Brockow, K. n., Niedoszytko, M. n., Nedoszytko, B. n., Butterfield, J. H., Alvarez-Twose, I. n., Sotlar, K. n., Schwaab, J. n., Jawhar, M. n., Reiter, A. n., Castells, et al
  2020

- **Clinical Features and Survival of Patients with Indolent Systemic Mastocytosis defined by the Updated WHO Classification.** *Allergy*
  Trizuljak, J. n., Sperr, W. R., Nekvindová, L. n., Oude Elberink, H. n., Gleixner, K. V., Gorska, A. n., Lange, M. n., Hartmann, K. n., Illerhaus, A. n., Bonifacio, M. n., Perkins, C. n., Elena, C. n., Malcovati, et al
  2020

- **New Developments in Diagnosis, Prognostication, and Treatment of Advanced Systemic Mastocytosis.** *Blood*
  Reiter, A. n., George, T. I., Gotlib, J. R.
  2020

- **New developments in the field of mastocytosis and mast cell activation syndromes: a summary of the Annual Meeting of the European Competence Network on Mastocytosis (ECNM) 2019.** *Leukemia & lymphoma*
  Arock, M., Sotlar, K., Gotlib, J., Sperr, W. R., Hartmann, K., Schwartz, L. B., Akin, C., Horny, H., Valent, P.
  2019: 1–9

- **Prognostic impact of eosinophils in mastocytosis: analysis of 2350 patients collected in the ECNM Registry.** *Leukemia*
  Kluin-Nelemans, H. C., Reiter, A., Illerhaus, A., van Anrooij, B., Hartmann, K., Span, L. F., Gorska, A., Niedoszytko, M., Lange, M., Scaffidi, L., Zanotti, R., Bonadonna, P., Perkins, et al
  2019

- **International prognostic scoring system for mastocytosis (IPSM): a retrospective cohort study.** *The Lancet. Haematology*
  Sperr, W. R., Kundi, M., Alvarez-Twose, I., van Anrooij, B., Oude Elberink, J. N., Gorska, A., Niedoszytko, M., Gleixner, K. V., Hadzijusufovic, E., Zanotti, R., Bonadonna, P., Bonifacio, M., Perkins, et al
  2019

- **Impact of bone marrow fibrosis grade in post-polycythemia vera and post-essential thrombocythemia myelofibrosis. A study of the MYSEC group.** *American journal of hematology*
  Mora, B., Guglielmelli, P., Rumi, E., Maffioli, M., Barraco, D., Rambaldi, A., Caramella, M., Komrokji, R. S., Kiladjian, J., Gotlib, J., Iurlo, A., Cervantes, F., Devos, et al
  2019

- **A phase 2 study of brentuximab vedotin in patients with CD30-positive advanced systemic mastocytosis.** *Blood advances*
  Gotlib, J., Baird, J. H., George, T. I., Langford, C., Reyes, I., Abuel, J., Perkins, C., Schroeder, K., Bose, P., Verstovsek, S.
  2019; 3 (15): 2264–71

- **Genomic landscape of Neutrophilic Leukemias of Ambiguous Diagnosis.** *Blood*
  Zhang, H., Wilmot, B., Bottomly, D., Dao, K. T., Stevens, E., Eide, C. A., Khanna, V., Rofelty, A., Savage, S., Reister-Schultz, A., Long, N., White, L., Carlos, et al
  2019

- **MYC regulates the HIF-2alpha stemness pathway via Nanog and Sox2 to maintain self-renewal in cancer stem cells versus non-stem cancer cells.** *Cancer research*
  Das, B., Pal, B., Bhuyan, R., Li, H., Sarma, A., Gayan, S., Talukdar, J., Sandhya, S., Bhuyan, S., Gogoi, G., Gouw, A. M., Baishya, D., Gotlib, et al
  2019

- **Revisiting diagnostic criteria for myelodysplastic/myeloproliferative neoplasms with ring sideroblasts and thrombocytosis: Borderline cases without anemia exist** *INTERNATIONAL JOURNAL OF LABORATORY HEMATOLOGY*
  Li, P., Shahmarvand, N., Lynch, D., Gotlib, J. R., Merker, J. D., Zehnder, J. L., George, T., Ohgami, R. S.
  2019; 41 (3): 345–52

- **Emerging translational science discoveries, clonal approaches and treatment trends in chronic myeloproliferative neoplasms.** *Hematological oncology*
  Mughal, T. I., Pemmaraju, N., Radich, J. P., Deininger, M. W., Kucine, N., Kiladjian, J., Bose, P., Gotlib, J., Valent, P., Chen, C., Barbui, T., Rampal, R., Verstovsek, et al
  2019

- **Predictive models for splenic response to JAK-inhibitor therapy in patients with myelofibrosis** *LEUKEMIA & LYMPHOMA*
  Menghrajani, K., Boonstra, P. S., Mercer, J. A., Perkins, C., Gowin, K. L., Weber, A. A., Mesa, R., Gotlib, J. R., Wang, L., Singer, J. W., Talpaz, M.
  2019; 60 (4): 1036–42

- **TIM3 and Galectin-9 are Novel Therapeutic Targets for Mastocytosis**
  Williams, M., George, T., Tripp, S., Deininger, M., Gotlib, J., Hartmann, K.
  NATURE PUBLISHING GROUP.2019

- **TIM3 and Galectin-9 are Novel Therapeutic Targets for Mastocytosis**
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