



Bitu Fakhri, MD, MPH

Assistant Professor of Medicine (Hematology)

Medicine - Hematology

CLINICAL OFFICE (PRIMARY)

- **Oncology**

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Bio

BIO

Dr. Bitu Fakhri is Assistant Professor of Medicine in the Division of Hematology at Stanford University School of Medicine. She specializes in the treatment of chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL), hairy cell leukemia, and other hematologic malignancies. As a clinical scientist, Dr. Fakhri is dedicated to caring for patients, teaching trainees, and researching novel therapies for patients with CLL/SLL. Dr. Fakhri has co-authored numerous publications on topics including CLL, novel targeted agents, and cellular therapies for patients with hematologic malignancies. Currently, Dr. Fakhri is the director of the CLL clinical trial portfolio at Stanford, and serves on the National Comprehensive Cancer Network CLL panel.

CLINICAL FOCUS

- Hematology
- clinical trials
- CLL/SLL
- hairy cell leukemia
- PLL
- indolent lymphomas

ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Medicine - Hematology

HONORS AND AWARDS

- Junior Faculty Career Development Award, University of California, San Francisco (2020)
- Division of Hematology and Oncology Annual Teaching Award, University of California, San Francisco (2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Panel Member, CLL and Hairy Cell Leukemia Guidelines Committee, National Comprehensive Cancer Network (2022 - present)
- Panel Member, B Cell Lymphomas Guidelines Committee, National Comprehensive Cancer Network (2019 - 2022)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Internal Medicine , Medical Oncology (2018)
- Board Certification, American Board of Internal Medicine , Hematology (2018)
- Board Certification, American Board of Internal Medicine , Internal Medicine (2015)
- Certificate, Washington University School of Medicine , Clinical Investigation (2018)
- Fellowship, Washington University School of Medicine , Hematology and Medical Oncology (2018)
- Residency, Boston University Medical Center , Internal Medicine (2015)
- MPH, Yale School of Public Health , Epidemiology and Biostatistics (2011)
- MD, Iran University of Medical Sciences , Medicine (2009)

Research & Scholarship

CLINICAL TRIALS

- Safety and Efficacy Study of Epcoritamab in Subjects With Relapsed/Refractory Chronic Lymphocytic Leukemia and Richter's Syndrome, Recruiting
- The Combination of Venetoclax and Obinutuzumab in People With Chronic Lymphocytic Leukemia (CLL), Not Recruiting

Publications

PUBLICATIONS

- **Real-World Health Care Resource Use and Costs Among Patients With Chronic Lymphocytic Leukemia Treated With Venetoclax-Based and Bruton Tyrosine Kinase Inhibitor-Based Regimens in the Second-Line Setting.** *JCO oncology practice*
Fakhri, B., Emechebe, N., Manzoor, B. S., Jawaid, D., Alhasani, H., Edwards, M., Tuncer, H. H.
2024: OP2300630
- **Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma, Version 2.2024.** *Journal of the National Comprehensive Cancer Network : JNCCN*
Wierda, W. G., Brown, J., Abramson, J. S., Awan, F., Bilgrami, S. F., Bociek, G., Brander, D., Cortese, M., Cripe, L., Davis, R. S., Eradat, H., Fakhri, B., Fletcher, et al
2024; 22 (3): 175-204
- **Hypertension Treatment in Patients Receiving Ibrutinib: A Multicenter Retrospective Study.** *Blood advances*
Samples, L., Voutsinas, J. M., Fakhri, B., Khajavian, S., Spurgeon, S. E., Stephens, D. M., Skarbnik, A. P., Mato, A. R., Broome, C., Gopal, A. K., Smith, S. D., Lynch, R. C., Rainey, et al
2024
- **Analysis of Treatment Patterns and Outcomes in Patients Ages 60-74 in the PostVenetoclax Era**
St Martin, E. C., Schwede, M., Fakhri, B., Gotlib, J., Liedtke, M., Shomali, W., Zhang, T. Y., Mannis, G.
AMER SOC HEMATOLOGY.2023
- **Pirtobrutinib, a Highly Selective, Non-Covalent (Reversible) BTK Inhibitor in Relapsed/Refractory Follicular Lymphoma: Results from the Phase 1/2 BRUIN Study**
Shah, N. N., Zinzani, P., Wang, M. L., Nasta, S. D., Lech-Maranda, E., Ogawa, Y., Fakhri, B., Kuss, B., Miyashita, K., Patel, K., Coombs, C. C., Ma, S., Patel, et al
AMER SOC HEMATOLOGY.2023
- **A Phase 2 Study of Minimal Residual Disease (MRD)-Adapted Front Line Venetoclax and Obinutuzumab in Fit Patients with Chronic Lymphocytic Leukemia (CLL): Effect of Obinutuzumab on Tumor Lysis Syndrome (TLS) Risk and Safety of Outpatient Venetoclax Dose Escalation**
Roeker, L. E., Zelenetz, A. D., Park, J. H., Derkach, A., Geyer, M., Islam, P., Falchi, L., Palomba, M., Kumar, A., Salles, G., Lue, J., Goldberg, A. D., Fakhri, et al
AMER SOC HEMATOLOGY.2023
- **Pirtobrutinib in Post-cBTKi CLL/SLL: #30 Months Follow-up and Subgroup Analysis With/Without Prior BCL2i from the Phase 1/2 BRUIN Study**
Woyach, J. A., Brown, J. R., Ghia, P., Roeker, L. E., Patel, K., Eyre, T. A., Munir, T., Lech-Maranda, E., Lamanna, N., Tam, C. S., Seymour, J. F., Tessoulin, B., Shah, et al
AMER SOC HEMATOLOGY.2023

- **Cladribine and Low-Dose Cytarabine-Based Salvage Therapy for Relapsed/Refractory AML in a Predominantly Venetoclax-Exposed Cohort**
Cheung, E., Schumann, C., Zhang, T. Y., Fakhri, B., Gotlib, J., Liedtke, M., Shomali, W., Mannis, G.
AMER SOC HEMATOLOGY.2023
- **Pirtobrutinib, a Highly Selective, Non-Covalent (Reversible) BTK Inhibitor in Relapsed / Refractory Marginal Zone Lymphoma: Results from Phase 1/2 BRUIN Study**
Patel, K., Vose, J. M., Nasta, S. D., Brown, J. R., Maddocks, K. J., Woyach, J. A., Shah, N. N., Fakhri, B., Tessoulin, B., Ma, S., Jagadeesh, D., Lech-Maranda, E., Coombs, et al
AMER SOC HEMATOLOGY.2023
- **Pirtobrutinib in Relapsed/Refractory (R/R) Mantle Cell Lymphoma (MCL) Patients with Prior cBTKi: Safety and Efficacy Including High-Risk Subgroup Analyses from the Phase 1/2 BRUIN Study**
Cohen, J. B., Shah, N. N., Jurczak, W., Zinzani, P., Cheah, C. Y., Eyre, T. A., Ujjani, C. S., Koh, Y., Kim, W., Nasta, S. D., Flinn, I. W., Tessoulin, B., Ma, et al
AMER SOC HEMATOLOGY.2023
- **Pirtobrutinib after a Covalent BTK Inhibitor in Chronic Lymphocytic Leukemia.** *The New England journal of medicine*
Mato, A. R., Woyach, J. A., Brown, J. R., Ghia, P., Patel, K., Eyre, T. A., Munir, T., Lech-Maranda, E., Lamanna, N., Tam, C. S., Shah, N. N., Coombs, C. C., Ujjani, et al
2023; 389 (1): 33-44
- **Hypoxia-specific imaging in patients with lymphoma undergoing CAR-T therapy.** *European journal of nuclear medicine and molecular imaging*
Banerjee, R., Wang, V., Huang, C. Y., Pandita, D., Leonard, M. K., LaRue, S., Ahmadi, M., Kaplan, L., Ai, W. Z., Fakhri, B., Spinner, M., Seshadri, M. R., Pampaloni, et al
2023
- **Lisocabtagene maraleucel in chronic lymphocytic leukaemia and small lymphocytic lymphoma (TRANSCEND CLL 004): a multicentre, open-label, single-arm, phase 1-2 study.** *Lancet (London, England)*
Siddiqi, T., Maloney, D. G., Kenderian, S. S., Brander, D. M., Dorritie, K., Soumerai, J., Riedell, P. A., Shah, N. N., Nath, R., Fakhri, B., Stephens, D. M., Ma, S., Feldman, et al
2023
- **Value of embedded palliative care: outpatient palliative care and healthcare utilization for hematologic malignancies.** *Blood advances*
Tsang, M., Bischoff, K. E., Schoenbeck, K. L., Berry, K., O'Riordan, D., Fakhri, B., Wong, S. W., Shah, N., Olin, R. L., Andreadis, C., Vieaux, J., Cohen, E., Shepard Lopez, et al
2023
- **SOHO State of the Art Updates and Next Questions: New Targetable Pathways in Chronic Lymphocytic Leukemia.** *Clinical lymphoma, myeloma & leukemia*
Fakhri, B., Danilov, A.
2023
- **Copy Number Loss at Chromosome 14q11.2 Correlates With the Proportion of T Cells in Biopsies and Helps Identify T-Cell Neoplasms.** *Archives of pathology & laboratory medicine*
Saglam, A., Singh, K., Kumar, J., Gollapudi, S., Mukherjee, S., Singh, A., Butzmann, A., Kaplan, L., Andreadis, C., Ai, W. Z., Fakhri, B., Rajkovic, A., Wen, et al
2022
- **Outcomes of Therapies and Resistance Mutations Following Non-Covalent Bruton's Tyrosine Kinase Inhibitor Treatment for Patients with Chronic Lymphocytic Leukemia and Richter Transformation**
Thompson, M. C., Coombs, C. C., Roeker, L. E., Jensen, J. L., Shah, N. N., Luo, T., Patel, K., Bailey, N., Fakhri, B., Eyre, T. A., Ghione, P., Rhodes, J. M., Zelenetz, et al
AMER SOC HEMATOLOGY.2022: 9885-9888
- **MCL-133 Pirtobrutinib, a Highly Selective, Non-Covalent (Reversible) BTK Inhibitor in Previously Treated Mantle Cell Lymphoma: Updated Results From the Phase 1/2 BRUIN Study.** *Clinical lymphoma, myeloma & leukemia*
Cohen, J. B., Shah, N. N., Alencar, A. J., Gerson, J. N., Patel, M. R., Fakhri, B., Jurczak, W., Tan, X. N., Lewis, K. L., Fenske, T., Coombs, C. C., Flinn, I. W., Lewis, et al
2022; 22 Suppl 2: S394-S395
- **CLL-120 Pirtobrutinib, A Highly Selective, Non-Covalent (Reversible) BTK Inhibitor in Previously Treated CLL/SLL: Updated Results from the Phase 1/2 BRUIN Study.** *Clinical lymphoma, myeloma & leukemia*
Coombs, C. C., Pagel, J. M., Shah, N. N., Lamanna, N., Munir, T., Lech-Maranda, E., Eyre, T. A., Woyach, J. A., Wierda, W. G., Cheah, C. Y., Cohen, J. B., Roeker, L. E., Patel, et al

2022; 22 Suppl 2: S268-S269

- **Evaluation of pulmonary toxicities in lymphoma patients receiving brentuximab vedotin.** *Leukemia & lymphoma*
Guan, T., Lo, M., Young, R., Ai, W., Boulbol, F., Mouanoutoua, H., Chu, R., Andreadis, C., Kaplan, L., Abdulhaq, H., Fakhri, B.
2022: 1-4
- **Embedded outpatient palliative care for hematologic malignancies: Referral patterns and health care utilization.**
Tsang, M., Bischoff, K. E., Schoenbeck, K. L., Berry, K., O'Riordan, D., Fakhri, B., Wong, S., Shah, N., Cohen, E., Lopez, N., Mannis, G. N., Rabow, M. W.
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Toci or not toci: innovations in the diagnosis, prevention, and early management of cytokine release syndrome.** *Leukemia & lymphoma*
Banerjee, R., Fakhri, B., Shah, N.
2021; 62 (11): 2600-2611
- **Current and emerging treatment options in primary mediastinal B-cell lymphoma.** *Therapeutic advances in hematology*
Fakhri, B., Ai, W.
2021; 12: 20406207211048959
- **Survival after autologous versus allogeneic transplantation in patients with relapsed and refractory Hodgkin lymphoma.** *Leukemia & lymphoma*
Fakhri, B., Yilmaz, E., Gao, F., Ambinder, R. F., Jones, R., Bartlett, N. L., Cashen, A., Wagner-Johnston, N.
2021; 62 (10): 2408-2415
- **Incidence, management and outcomes of arterial and venous thrombosis after chimeric antigen receptor modified T cells for B cell lymphoma and multiple myeloma.** *Leukemia & lymphoma*
Parks, A. L., Kambhampati, S., Fakhri, B., Andreadis, C., Gray, L., Wong, S. W., Shah, N., Fang, M. C.
2021; 62 (4): 1003-1006
- **Ofatumumab, Etoposide, and Cytarabine Intensive Mobilization Regimen in Patients with High-risk Relapsed/Refractory Diffuse Large B-Cell Lymphoma Undergoing Autologous Stem Cell Transplantation.** *Clinical lymphoma, myeloma & leukemia*
Kambhampati, S., Hunter, B., Varnavski, A., Fakhri, B., Kaplan, L., Ai, W. Z., Pampaloni, M., Huang, C. Y., Martin, T., Damon, L., Andreadis, C. B.
2021; 21 (4): 246-256.e2
- **Pirtobrutinib in relapsed or refractory B-cell malignancies (BRUIN): a phase 1/2 study.** *Lancet (London, England)*
Mato, A. R., Shah, N. N., Jurczak, W., Cheah, C. Y., Pagel, J. M., Woyach, J. A., Fakhri, B., Eyre, T. A., Lamanna, N., Patel, M. R., Alencar, A., Lech-Maranda, E., Wierda, et al
2021; 397 (10277): 892-901
- **Carfilzomib in Combination With Bendamustine and Rituximab in Patients With Relapsed or Refractory Non-Hodgkin Lymphoma: A Phase I Trial.** *Clinical lymphoma, myeloma & leukemia*
Kambhampati, S., Fakhri, B., Ai, W. Z., Kaplan, L. D., Tuscano, J. M., Wieduwilt, M. J., Sudhindra, A., Cavallone, E., Reiner, J., Aoun, C., Castillo, M., Martinelli, M., Ta, et al
2021; 21 (3): 139-146
- **A Case of EBV-Negative Aggressive NK-cell Leukemia: Use of Next-Generation Sequencing in Demystifying a Diagnostic Dilemma and Guiding Clinical Care.** *Clinical lymphoma, myeloma & leukemia*
Kennedy, V. E., Ruiz-Cordero, R., Jangam, D., Wen, K. W., Dunavin, N., Ohgami, R. S., Bhargava, P., Ai, W., Fakhri, B.
2021
- **The role of acalabrutinib in adults with chronic lymphocytic leukemia.** *Therapeutic advances in hematology*
Fakhri, B., Andreadis, C.
2021; 12: 2040620721990553
- **NCCN Guidelines Insights: B-Cell Lymphomas, Version 5.2021.** *Journal of the National Comprehensive Cancer Network : JNCCN*
Zelenetz, A. D., Gordon, L. I., Chang, J. E., Christian, B., Abramson, J. S., Advani, R. H., Bartlett, N. L., Budde, L. E., Caimi, P. F., De Vos, S., Dholaria, B., Fakhri, B., Fayad, et al
2021; 19 (11): 1218-1230
- **Assessment of the Efficacy of Therapies Following Venetoclax Discontinuation in CLL Reveals BTK Inhibition as an Effective Strategy.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Mato, A. R., Roeker, L. E., Jacobs, R., Hill, B. T., Lamanna, N., Brander, D., Shadman, M., Ujjani, C. S., Yazdy, M. S., Perini, G. F., Pinilla-Ibarz, J. A., Barrientos, J., Skarbnik, et al

2020; 26 (14): 3589-3596

- **Immune-related Adverse Events Associated With Checkpoint Inhibition in the Setting of CAR T Cell Therapy: A Case Series.** *Clinical lymphoma, myeloma & leukemia*
Kambhampati, S., Gray, L., Fakhri, B., Lo, M., Vu, K., Arora, S., Kaplan, L., Ai, W. Z., Andreadis, C.
2020; 20 (3): e118-e123
- **Measuring cardiopulmonary complications of carfilzomib treatment and associated risk factors using the SEER-Medicare database.** *Cancer*
Fakhri, B., Fiala, M. A., Shah, N., Vij, R., Wildes, T. M.
2020; 126 (4): 808-813
- **Outcomes in patients with aggressive B-cell non-Hodgkin lymphoma after intensive frontline treatment failure.** *Cancer*
Ayers, E. C., Li, S., Medeiros, L. J., Bond, D. A., Maddocks, K. J., Torka, P., Mier Hicks, A., Curry, M., Wagner-Johnston, N. D., Karmali, R., Behdad, A., Fakhri, B., Kahl, et al
2020; 126 (2): 293-303
- **Complexities in the diagnosis of large B-cell lymphomas, classic Hodgkin lymphomas and overlapping peripheral T-cell lymphomas simplified: An evidence-based guide.** *Annals of diagnostic pathology*
Wen, K. W., Fakhri, B. n., Menke, J. n., Ruiz-Cordero, R. n., Gill, R. M., Ohgami, R. S.
2020; 46: 151534
- **CLL14 Trial: Fixed-Duration Chemotherapy-Free Regimen for Frail Patients with Treatment-Naïve CLL.** *Oncology (Williston Park, N.Y.)*
Fakhri, B., Andreadis, C.
2019; 33 (11)
- **Fifty Shades of GATA2 Mutation: A Case of Plasmablastic Lymphoma, Nontuberculous Mycobacterial Infection, and Myelodysplastic Syndrome.** *Clinical lymphoma, myeloma & leukemia*
Fakhri, B., Cashen, A. F., Duncavage, E. J., Watkins, M. P., Wartman, L. D., Bartlett, N. L.
2019; 19 (9): e532-e535
- **Maintenance rituximab or observation after frontline treatment with bendamustine-rituximab for follicular lymphoma.** *British journal of haematology*
Hill, B. T., Nastoupil, L., Winter, A. M., Becnel, M. R., Cerhan, J. R., Habermann, T. M., Link, B. K., Maurer, M. J., Fakhri, B., Reddy, P., Smith, S. D., Mukhija, D., Jagadeesh, et al
2019; 184 (4): 524-535
- **Bones in Multiple Myeloma: Imaging and Therapy.** *American Society of Clinical Oncology educational book. American Society of Clinical Oncology. Annual Meeting*
Zamagni, E., Cavo, M., Fakhri, B., Vij, R., Roodman, D.
2018; 38: 638-646
- **Undertreatment of Older Patients With Newly Diagnosed Multiple Myeloma in the Era of Novel Therapies.** *Clinical lymphoma, myeloma & leukemia*
Fakhri, B., Fiala, M. A., Tuchman, S. A., Wildes, T. M.
2018; 18 (3): 219-224
- **Current and emerging treatment options for mantle cell lymphoma.** *Therapeutic advances in hematology*
Fakhri, B., Kahl, B.
2017; 8 (8): 223-234
- **Molecular landscape and sub-classification of gastrointestinal cancers: a review of literature.** *Journal of gastrointestinal oncology*
Fakhri, B., Lim, K. H.
2017; 8 (3): 379-386
- **Donor-Derived Smoldering Multiple Myeloma following a Hematopoietic Cell Transplantation for AML.** *Case reports in hematology*
Fakhri, B., Fiala, M., Slade, M., Westervelt, P., Ghobadi, A.
2017; 2017: 3728429
- **Halfway there: the past, present and future of haploidentical transplantation.** *Bone marrow transplantation*
Slade, M., Fakhri, B., Savani, B. N., Romee, R.
2017; 52 (1): 1-6
- **Clonal Evolution in Multiple Myeloma.** *Clinical lymphoma, myeloma & leukemia*

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2016; 16 Suppl: S130-4