

William Shomali

Clinical Assistant Professor, Medicine - Hematology

CLINICAL OFFICE (PRIMARY)

- **Hematology**

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Bio

BIO

Dr. Shomali is a clinical assistant professor of Hematology at Stanford University School of Medicine. He is board certified in hematology & medical oncology.

Dr. Shomali specializes in the treatment of blood cancers such as myeloproliferative neoplasms and myelodysplastic syndromes. He aims to provide compassionate, personalized, and evidence-based care to each patient.

Dr. Shomali received his medical degree from the University of Jordan, followed by a postdoctoral fellowship at MD Anderson Cancer Center where he studied infections in cancer patients and the role of biomarkers in defining tumor fever. He completed his residency training in Internal Medicine at the Cleveland Clinic Foundation where he served as a Chief Medical Resident. He then joined Stanford University for his combined Hematology & Oncology fellowship training.

Dr. Shomali's research interests include the study of novel agents in myeloproliferative neoplasms and myelodysplastic syndromes. He developed investigator-initiated clinical trials for patients with eosinophilic neoplasms and advanced myelofibrosis. In addition, he co-authored several papers and book chapters discussing the care of patients with cancer. His work has been presented in national meetings and published in peer reviewed journals including Blood, American Journal of Hematology, British Journal of Hematology, Leukemia & Lymphoma, and Cancer.

Among his honors, Dr. Shomali received the Cleveland Clinic Excellence in Teaching Award and was named to the Alpha Omega Alpha Medical Honor Society. He has received a Young Investigator Award from the Conquer Cancer Foundation, an NIH Institutional National Research Service Award, and a Stanford Cancer Institute Fellowship Award.

Dr. Shomali is a member of the American Society of Hematology and the American Society of Clinical Oncology.

CLINICAL FOCUS

- Hematology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Hematology

PROFESSIONAL EDUCATION

- Residency: Cleveland Clinic Foundation (2015) OH
- Medical Education: University of Jordan Faculty of Medicine (2009) Jordan
- Board Certification: Internal Medicine, American Board of Internal Medicine (2015)
- Postdoctoral Fellowship, Stanford University School of Medicine , Hematology (2020)
- Fellowship, Stanford University School of Medicine , Hematology & Oncology (2019)
- Chief Resident, Cleveland Clinic Foundation , Ohio (2016)
- Clinical Associate, Cleveland Clinic Foundation , Ohio (2016)
- Residency, Cleveland Clinic , Internal Medicine (2015)
- Postdoctoral Fellowship, MD Anderson Cancer Center , Infectious Diseases (2012)
- Medical Degree, University of Jordan Medical School , Jordan (2009)

Research & Scholarship

CLINICAL TRIALS

- (HARBOR) Study to Evaluate Efficacy and Safety of BLU-263 Versus Placebo in Patients With Indolent Systemic Mastocytosis, Recruiting
- A Study to Evaluate INCA033989 Administered as a Monotherapy or in Combination With Ruxolitinib in Participants With Myeloproliferative Neoplasms, Recruiting
- Bomedemstat vs Hydroxyurea for Essential Thrombocythemia (MK-3543-007), Not Recruiting
- Quizartinib or Placebo Plus Chemotherapy in Newly Diagnosed Patients With FLT3-ITD Negative AML, Not Recruiting
- Ruxolitinib in Treating Patients with Hypereosinophilic Syndrome or Primary Eosinophilic Disorders, Not Recruiting
- To Assess the Safety and Tolerability of INCB000928 in Participants With Myelodysplastic Syndromes or Multiple Myeloma, Not Recruiting

Publications

PUBLICATIONS

- **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
- **Chronic Eosinophilic Leukemia: Diagnosis and Therapy**
Gotlib, J., Shomali, W., Reiter, A.
CIG MEDIA GROUP, LP.2021: S27-S29
- **Diagnosis and Management of Neutrophilic Myeloid Neoplasms** *CLINICAL ADVANCES IN HEMATOLOGY & ONCOLOGY*
Schwede, M., Gotlib, J., Shomali, W.
2021; 19 (7): 450-459
- **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
- **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)
 - **A novel activating JAK1 mutation in chronic eosinophilic leukemia.** *Blood advances*
Shomali, W., Damernsawad, 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
 - **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
 - **Late presentation of dyskeratosis congenita.** *British journal of haematology*
Shomali, W., Brar, R.
2019
 - **World Health Organization-defined eosinophilic disorders: 2019 update on diagnosis, risk stratification, and management.** *American journal of hematology*
Shomali, W. n., Gotlib, J. n.
2019
 - **A Kindred with a β -Globin Base Substitution [β 89(F5)Ser→Arg (AGT>AGG); HBB: c.270T>G] Resulting in Hemoglobin Vanderbilt.** *Hemoglobin*
Shomali, W. n., Brar, R. n., Arekapudi, S. R., Gotlib, J. R.
2019: 1–4
 - **The new tool "KIT" in advanced systemic mastocytosis.** *Hematology. American Society of Hematology. Education Program*
Shomali, W., Gotlib, J.
2018; 2018 (1): 127–36
 - **Myelophthistic marrow involved by breast cancer and acute myeloid leukemia** *BLOOD*
Shomali, W., Gotlib, J.
2018; 131 (9): 1036
 - **Concurrent uvulitis and epiglottitis.** *Cleveland Clinic journal of medicine*
Shomali, W., Holman, K.
2016; 83 (10): 712-714
 - **Safe and effective use of ponatinib in a patient with chronic myeloid leukemia and acute venous thromboembolism on therapeutic anti-coagulation** *LEUKEMIA & LYMPHOMA*
Shomali, W., Redmond, C., Bogati, S., Zimmerman, C., Visconte, V., Tabarroki, A., Kalaycio, M., Tiu, R. V.
2016; 57 (1): 193-195
 - **Gastric Pneumatosis: An Unexpected Complication of Intractable Vomiting in Gastrointestinal Cancers** *JOURNAL OF PAIN AND SYMPTOM MANAGEMENT*
Shomali, W., Davis, M. P.
2015; 49 (4): E3-E4
 - **The Utility of Proadrenomedullin and Procalcitonin in Comparison to C-Reactive Protein as Predictors of Sepsis and Bloodstream Infections in Critically Ill Patients With Cancer** *CRITICAL CARE MEDICINE*
Debiane, L., Hachem, R. Y., Al Wohoush, I., Shomali, W., Bahu, R. R., Jiang, Y., Chaftari, A., Jabbour, J., Al Shuaibi, M., Hanania, A., Pravinkumar, S. E., Schuetz, P., Raad, et al
2014; 42 (12): 2500-2507

- **Granulocyte transfusions in hematologic malignancy patients with invasive pulmonary aspergillosis: outcomes and complications** *ANNALS OF ONCOLOGY*
Raad, I. I., Chaftari, A. M., Al Shuaibi, M. M., Jiang, Y., Shomali, W., Cortes, J. E., Lichtiger, B., Hachem, R. Y.
2013; 24 (7): 1873-1879
- **Can procalcitonin differentiate Staphylococcus aureus from coagulase-negative staphylococci in clustered gram-positive bacteremia?** *DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE*
Shomali, W., Hachem, R., Chaftari, A., Bahu, R., El Helou, G., Jiang, Y., Hanania, A., Reitzel, R., Raad, I.
2013; 76 (2): 158-161
- **Pro-adrenomedullin as a Novel Biomarker for Predicting Infections and Response to Antimicrobials in Febrile Patients With Hematologic Malignancies** *CLINICAL INFECTIOUS DISEASES*
Al Shuaibi, M., Bahu, R. R., Chaftari, A., Al Wohoush, I., Shomali, W., Jiang, Y., Debiane, L., Raad, S., Jabbour, J., Al Akhrass, F., Hachem, R. Y., Raad, I.
2013; 56 (7): 943-950
- **Nephrostomy Tube Related Pyelonephritis in Patients with Cancer: Epidemiology, Infection Rate and Risk Factors** *JOURNAL OF UROLOGY*
Bahu, R., Chaftari, A., Hachem, R. Y., Ahrar, K., Shomali, W., El Zakhem, A., Jiang, Y., Alshuaibi, M., Raad, I. I.
2013; 189 (1): 130-135
- **Can procalcitonin distinguish infectious fever from tumor-related fever in non-neutropenic cancer patients?** *CANCER*
Shomali, W., Hachem, R., Chaftari, A., Jiang, Y., Bahu, R., Jabbour, J., Raad, S., Al Shuaibi, M., Al Wohoush, I., Raad, I.
2012; 118 (23): 5823-5829
- **Anomalous Inferior Vena Cava Drainage to the Left Atrium With Successful Staged Repair in a 32-Year-Old Woman With Arthritis** *PEDIATRIC CARDIOLOGY*
Al-Ammouri, I., Shomali, W., Alsmady, M. M., Abu Abeeleh, M., Mustafa, K., Massad, I., Bustami, B., Saleh, S.
2010; 31 (6): 912-914