



Aswani Thurlapati, MD

Aswani Thurlapati, MD, is an ABIM board certified Hematologist & Oncologist in addition to Internal Medicine physician. Dr. Thurlapati specializes in both blood disorders and wide variety of cancers. Dr. Thurlapati completed her fellowship in hematology and oncology at the Medical University of South Carolina's Hollings Cancer Center - South Carolina's only NCI-designated cancer center where she served as a Chief Fellow.

She earned her medical degree with honors from NTR University of Health Sciences in India and completed her Internal Medicine Residency at Louisiana State University Health Shreveport, where she graduated as a Clinician Educator and served as an Ambulatory Chief Resident. Her training has emphasized both compassionate patient care and academic excellence.

Dedicated to advancing cancer care through research, Dr. Thurlapati presented her work at national conferences and authored an array of peer-reviewed publications in leading journals. Dr. Thurlapati is also a member of highly regarded medical societies, including American Society of Clinical Oncology, American Society of Hematology, and American Society of Transplant & Cellular Therapy. Dr. Thurlapati served in several leadership roles, has many certifications, and received numerous accolades including induction into Alpha Omega Alpha Society & Fellow of the Year recognizing her leadership, professionalism, and clinical excellence. Dr. Thurlapati is committed to providing patient-centered and evidence-based practice. Dr. Thurlapati looks forward to continuing her commitment to comprehensive cancer care, clinical research, and multidisciplinary collaboration with patient-focused oncology care at NGOC's Marietta Cancer Center.

Board Certified Hematology & Oncology Physician

Board Certified Internal Medicine Physician

Education

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| • Hematology & Oncology Fellowship | 07/2022 - 06/2025 |
| Medical University of South Carolina, Charleston, SC Hollings Cancer Center is the only NCI Designated Cancer Center in South Carolina | |
| • Internal Medicine Residency | 07/2019 – 06/2022 |
| Louisiana State University Health (LSU), Shreveport, LA
Graduated as a Clinician Educator | |
| • Bachelor of Medicine & Bachelor of Surgery | 08/2011 – 05/2017 |
| NTR University of Health Sciences, India
Equivalent to Doctor of Medicine (MD) | |
| • Tom C. Clark Highschool San Antonio, TX | |

Certifications and Memberships

- American Board of Internal Medicine Hematology
- American Board of Internal Medicine Oncology
- American Board of Internal Medicine Board Certification
- Internal Medicine Clinician Educator Certification
- Alpha Omega Alpha Society Induction
- American Society of Clinical Oncology
- American Society of Hematology
- American Society of Transplant & Cellular Therapy

Leadership Roles

- Chief Fellow – Hematology & Oncology
- Ambulatory Chief Resident – Internal Medicine
- Internal Medicine Curriculum Committee Member
- Founder of Hematology & Oncology Resident Interest Group
- UME to GME Transition Course Facilitator

Past Work Experience

- Part time Hospitalist
Roper St. Francis Health Care, Charleston, SC
- Translational Science Post Doctorial Research Associate
Breast Cancer Research, Department of Obstetrics and Gynecology
UT Health Graduate school of Biomedical Sciences, San Antonio, TX
Supervisor: Dr. Rajeshwar Rao Tekmal, Director of Division of Reproductive Research

Publications (Peer Reviewed Journal Articles/Abstracts)

Here are select few peer-reviewed publications in the field of Hematology & Oncology. Please visit my Google Scholar and Research Gate websites for all my publications.

1. Aswani Thurlapati, William Wesson, James Davis, Kelly Gaffney, Erin Weeda, Arash Velayati, Jonathan Bakos, Katelynn Granger, Deidra Smith, Andy Maldonado, Taylor Herrington, Julia Potts, Hamza Hashmi. Impact of Cytogenetic Abnormalities, Induction, and Maintenance Regimens on Outcomes After High-Dose Chemotherapy and Autologous Stem Cell Transplantation in Patients with Newly Diagnosed Multiple Myeloma: A Decade-Long Real-World Experience. *Journal of Hematology* 12(6):243-254. DOI: 10.14740/jh1201
2. Aswani Thurlapati, Mary McGann, James Davis, Kelly Gaffney, Erin Weeda, Arash Velayati, Jonathan Bakos, Katelynn Granger, Deidra Smith, Andy Maldonado, Taylor Herrington, Julia Potts, Hamza Hashmi. Role of tixagevimab-cilgavimab in preventing SARS-CoV-2 in hematopoietic stem cell transplant and chimeric antigen receptor T-cell therapy recipients. *Journal of Medical Virology*. 95 (8). DOI: 10.1002/jmv.29027
3. Aswani Thurlapati, Kiera Roubal, James Davis, Kelly Gaffney, Erin Weeda, Arash Velayati, Jonathan Bakos, Katelynn Granger, Deidra Smith, Andy

- Maldonado, Taylor Herrington, Julia Potts, Hamza Hashmi. Stem Cell Mobilization for Multiple Myeloma
- Patients Receiving Daratumumab-Based Induction Therapy: A Real-World Experience. *Transplantation and cellular therapy* 29 (5). DOI: 10.1016/j.jtct.2023.02.013
4. Aswani Thurlapati, Lovekirat Dhaliwal, Sumasri Chennapragada, Pranavteja Gutta, Diana Song, Deepika Ralla, Runhua Shi, Jill Comeau, Kavitha Beedupalli. Effect of durvalumab in patients with unresectable stage 3 nonsmall cell lung cancer post- chemoradiotherapy. *Journal of Clinical Oncology* 40 (16): 8550-8550. DOI: 10.1200/JCO.2022.40.16_suppl.8550
 5. Aswani Thurlapati, Carol S Velez-Martinez, Samina Hirani, Jade Abad, Runhua Shi, Kavitha Beedupalli, Richard P Mansour. Do the 2013 USPSTF guidelines for lung cancer screening fail high risk African American smokers? – An institutional retrospective observational cohort study. *Eur J Cancer Prev*. 2021 May 18. DOI: 10.1097/CEJ.0000000000000652
 6. Aswani Thurlapati, Samina Hirani, Shahzeem Bhayani. Idiopathic no more: A rare cause of late presentation thrombocytopenia. *Southern Medical Journal* 113(12):756-757
 7. Aswani Thurlapati, Kyle Boudreaux, Srinandan Guntupalli, Richard Mansour, Shahzeem Bhayani. A Case of Aplastic Anemia and Colon Cancer with underlying Spliceosome Mutation: Is it an Incidental Finding or a Novel Association? *Cureus* 14 (2).
 8. Aswani Thurlapati, Srinandan Guntupalli, Richard P Mansour. Myosin Heavy Chain 9 (MYH-9) Congenital Macrothrombocytopenia. *Cureus* 13 (8).
 9. Aswani Thurlapati, Samina Hirani, Shahzeem Bhayani. Idiopathic no more: A rare cause of late presentation thrombocytopenia. *SOUTHERN MEDICAL JOURNAL* 113 (12), 756-757.
 10. Aswani Thurlapati, Tarun Tumu. A rare case of Hereditary Spherocytosis. *OSMECON-2014 SOUVENIR*, (5), 54–54.
 11. Kelly Gaffney, James Davis, Kelly Gaffney, Erin Weeda, Arash Velayati, Jonathan Bakos, Aswani Thurlapati, Katelynn Granger, Deidra Smith, Andy Maldonado, Taylor Herrington, Julia Potts, Hamza Hashmi. Impact of age, obesity, and renal impairment on outcomes after autologous stem cell transplantation for patients with newly diagnosed multiple myeloma. *Journal of Oncology Pharmacy Practice*. DOI: 10.1177/10781552231224361
 12. James Davis, Aswani Thurlapati, Kelly Gaffney, Erin Weeda, Arash Velayati, Jonathan Bakos, Katelynn Granger, Deidra Smith, Andy Maldonado, Taylor Herrington, Julia Potts, Hamza Hashmi. Impact of race and ethnicity on outcomes after autologous stem cell transplantation for patients with newly diagnosed multiple myeloma. *Annals of Hematology* 103 (1). DOI: 10.1007/s00277-023-05503z
 13. James Davis, Kelly Gaffney, Erin Weeda, Katelynn Granger, Deidra Smith, Andy Maldonado, Taylor Herrington, Aswani Thurlapati, Lindsay Henderickson, Kiera Roubal, Hamza Hashmi, Brian Hess. Efficacy of tixagevimab-cilgavimab in preventing SARS-CoV-2 for patients with B-cell malignancies. *BLOOD*. DOI: 10.1182/blood.2022018283
 14. Samina Hirani, Aswani Thurlapati, Shahzeem Bhayani, Glenn Mills. Targeted Next Generation Sequencing in adult neuro-oncology: What is the role of genomic profiling? *NEURO-ONCOLOGY* 22, 173-174.
 15. Javaria Ahmed, Aswani Thurlapati. Paari Dominic. B-PO05-136 ANTI-CANCER THERAPY INDUCED ATRIAL FIBRILLATION - A PHARMACOVIGILANCE ANALYSIS. *Frontiers in Cardiovascular Medicine* (9). DOI: 10.3389/fcvm.2022.739044
 16. Sukhmani Boparai, Aswani Thurlapati, Deon Ford, Prangthip Charoenpong. A CASE OF IDENTITY: A LUNG MASS WITH SMARCA4 DEFICIENCY. *Chest* 160(4):A1569. DOI: 10.1016/j.chest.2021.07.1434
 17. K Ramasamy, C Samayoa, NK Krishnegowda, Aswani Thurlapati, RK Vadlamudi, RR Tekmal. Estrogen receptor β agonists inhibit syngeneic mammary tumor growth through cell-cycle arrest by modulating cell-cycle regulators. *Cancer Research* 4 (79). DOI: 10.1158/1538-7445.SABCS18-P1-04-01

Scholarly Activity

1. Role of Novel Chemo-immunotherapy in the management of Relapsed & Refractory Multiple Myeloma. Oral Presentation in Division of Hematology & Oncology Hollings Cancer Center Grand Rounds. Presented in 2023.
2. Role of Neoadjuvant Therapy in Early-Stage Non-Small Cell Lung Cancer. Oral Presentation in Division of Hematology & Oncology Hollings Cancer Center Grand Rounds. Presented in 2024.
3. Stem Cell Mobilization for Multiple Myeloma Patients Receiving Daratumumab Based Induction Therapy: A Real-World Experience. Poster Presentation in 2023 American Society of Transplant & Cellular Therapy Annual Meeting.
4. Effect of durvalumab in patients with unresectable stage 3 non-small cell lung cancer post-chemoradiotherapy. Poster Presentation in 2022 Annual Meeting of American Society of Clinical Oncology (ASCO).
5. DO OUR CURRENT USPSTF GUIDELINES FOR LUNG CANCER SCREENING FAIL YOUNG, HIGH-RISK AFRICAN AMERICAN SMOKERS? Oral Presentation in 2020 CHEST Annual Meeting.
6. Improving Advance Care Planning in a Residency Training Program using Louisiana Physician Orders for Scope of Treatment (LaPOST) – A Pre-intervention survey to assess residents' knowledge and practices. Oral Presentation in 2021 Annual Internal Medicine Research Fair.
7. In Line of service: Current didactics in clinical education. Presented in 2021 Annual Innovations in medical education conference at Keck school of medicine.
8. Anti-cancer therapy induced Atrial Fibrillation: A Pharmacovigilance study. Oral Presentation in 2021 Heart Rhythm Society
9. A case of HTLV1 Induced cutaneous T-Cell Leukemia. Poster Presentation in 2021 American College of Physicians Louisiana Chapter Meeting.
10. Susac Syndrome. Poster presentation in 2021 Southern Medical Association Physicians- in-training annual leadership conference, Tulane, LA.
11. Estrogen receptor β agonist S-Equol inhibits growth of breast cancer cells by inducing quinone reductase. Poster Presentation in 2019 Society of Free Radical Research India Satellite Meeting, All India of Institute of Medical Sciences, New Delhi, India.
12. Deaf Child. March 2015. Oral Presentation in ILLUMINATI Medical Symposium, Armed forces medical college, Pune, India.
13. A Rare Case of Hereditary Spherocytosis. Oral Presentation in OSMECON, Osmania Medical College, Hyderabad, India.

Medical Awards

- Fellow of the Year – MUSC 2025
- Professionalism Award – MUSC 2025
- Highest ASCO In-Training Exam – MUSC 2025
- 1st Place in 2020 Annual Internal Medicine Research Fair poster.
- 2nd Place in 2020 Annual Internal Medicine Research Fair poster presentation.
- 3rd Place in 2021 Annual House Officers 6th Annual Regional Poster Presentation at LSU Health Shreveport.
- Best Poster Presentation at XVI Annual conference of the society of Free Radicals Research at the All-India Institute of Medical Sciences, India.
- 3 Time Resident of the Month Winner and 7 times nominee at LSU Health Shreveport
- Graduated Medical school with First-Class Honors & a GPA of 4.00.
- Best Outgoing students of Class of 2011-2012: Selected as one of the TOP TEN students out of 200 based on academics, research, community service, and sports.