

Aswani Thurlapati, MD

Aswani Thurlapati, MD, is a board-certified internal medicine physician currently completing a fellowship in hematology and oncology at the Medical University of South Carolina's Hollings Cancer Center—South Carolina's only NCI-designated cancer center. Dr. Thurlapati is dedicated to delivering patient-centered care informed by the latest advancements in cancer research and treatment.

She earned her medical degree (MBBS) from NTR University of Health Sciences in India, followed by an internal medicine residency at Louisiana State University Health in Shreveport, where she graduated as a Clinician Educator. Her training has emphasized both compassionate patient care and academic excellence.

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 Internal Medicine Physician

Education

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)

Certifications and Memberships

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- American Board of Internal Medicine Board Certification 10/2022
 - Internal Medicine Clinician Educator Certification 06/2022
 - Alpha Omega Alpha Society Induction 05/2022
 - ACLS & BLS Certification 07/2019 – 06/2025
 - **American Society of Clinical Oncology (ASCO)**
 - **American Society of Hematology (ASH)**
 - **American Society of Transplant & Cellular Therapy (ASTCT)**
 - **South Carolina Oncology Society**
 - **American College of Physicians**
 - **Louisiana State Medical Society**
 - **American Medical Association**

Leadership Roles

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- Chief Fellow - Hematology & Oncology 05/2024 –06/2025
Department of Hematology & Oncology, MUSC
 - Program Evaluation Committee Member 05/2024 –06/2025
Department of Hematology & Oncology, MUSC

- Ambulatory Chief Resident - Internal Medicine 07/2020 – 06/2022
Department of Internal Medicine, LSU Health Shreveport
- Internal Medicine Curriculum Committee Member 07/2020 – 06/2022
Department of Internal Medicine, LSU Health Shreveport
- Founder of Hematology & Oncology Resident Interest Group 07/2020 – 06/2022
LSU Health Shreveport
- UME to GME Transition Course Facilitator 07/2020 – 06/2022
Department of Internal Medicine, LSU Health Shreveport

Work Experience

- Sickle Cell Medical Home Physician 12/2022-06/2025
Department of Internal Medicine, MUSC
- Hospital Medicine Physician 10/2022 -06/2025
Roper St. Francis Health Care, Charleston, SC
Part time employee to gain additional individual practicing experience.
- Translational Science Post Doctoral Research Associate 12/2017- 06/2019
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
- Medical Student Internship 07/2016- 06/2017
Mamata Medical College, India

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 non-small 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/s00277-023-05503-z
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

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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.**

Volunteer Experience

- **LOWVELO**
Annual Fundraising Event that rallies the community for funding cancer research at Hollings Cancer Center in Charleston, SC.
- **The Dragon Boat Charleston**
Non-Profit Organization for Cancer Survivors in Charleston, SC
- **LOWCOUNTRY LIGHT THE NIGHT**
Annual walk organized by the Lymphoma & Leukemia Society in Charleston, SC in honor of patients suffering from blood cancer.
- **American Heart Society Walkathon**
Annual walk organized by the American Heart Society in Shreveport, LA in raising awareness of the importance of exercise.
- **Geuax Bald**
Annual Fundraising event at LSU Health Shreveport to raise money for a non-profit research organization for pediatric cancer.
- **El Bari Community Center**
A charity clinic to provide health care for medically underserved population of San Antonio, TX
- **Health Camp at San Antonio by IASA**
A charity health camp organized at San Antonio, TX to provide health care for uninsured and economically under privileged people.
- **Mamata Medical College Annual Health Camp**
An annual health fair to provide health care for medically underserved population in rural India.

Medical Awards

- 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.

Hobbies and Interests

- Tennis: Playing for 13 years. Team Captain, women's tennis team at Medical School
- Indian Carnatic music vocalist & Western music violinist: Started singing at the age of 7 and playing violin since the age of 11