

Manju V. Pillai
Division of Pulmonary, Critical Care and Sleep Medicine
NYU Langone Health

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**Professional/
Academic
Appointments**

- Associate Program Director, Pulmonary, Critical care and Sleep Medicine Fellowship program (currently)
NYU Langone Health
NYU Langone Hospital—Long Island
NYU Grossman Long Island School of Medicine
- Assistant Attending, Memorial Sloan Kettering Cancer Center
Instructor in Medicine, Weill Cornell Medical College, Cornell University
[Oct 2014 – Feb 2018]
- Guest Co- Editor for Elsevier 2026

**Fellowship
Training**

- Pulmonary Diseases & Critical care Medicine [PGY5 – PGY7]
Mount Sinai Morningside & Mount Sinai West/ Icahn School of Medicine at Mount Sinai, New York, NY
- Sleep Medicine [PGY4]
National Jewish Health/ University of Colorado, Denver, CO

**Internship/
Residency
Training**

- Internal Medicine [PGY1 – PGY3]
Case Western Reserve University, Cleveland, OH

**Medical
Education**

- M.D., The University of the State of New York, Conferred, 10/2014
- M.B.B.S (Bachelor of Medicine & Bachelor of Surgery) & Resident Internship Training
T. D. Medical College, Alleppey/ University of Kerala, India
[1996 – 2002]

**Board
Certifications**

- Diplomate, Critical Care Medicine, American Board of Internal Medicine; Certified In Internal Medicine, Pulmonary Disease, Critical Care medicine and Sleep Medicine.

**Honors/
Awards**

- ‘Outstanding Fellow of the Year -twice during fellowship
- ‘Chief Medical Resident
- ‘Best Intern of the Year
- ATS Fellow Track Symposium Scholarship
- Internal Medicine Residency Research Award
- outstanding faculty teacher for academic year 2022-2023, NYU LISOM; clerkship
- Top 2025 doctors award

Publications
(Few)

- Pillai,M; Neurologic and thrombotic complications in the setting of chronic Nitrous oxide Abuse; Case reports in medicine; **Publication date:**
13/01/2023 Volume 2023 | Article ID 5058771
- Haviland, K., Tan, K.S., Schwenk, N., **Pillai M.**, Stover D.E., Downey R.J. et al.
“Outcomes after long-term mechanical ventilation of cancer patients”. BMC Palliat

Care, 01 March 2020, Vol.19(1), pp.1-6; Article number: 42 (2020). doi: <https://doi.org/10.1186/s12904-020-00544-x>

- Geraghty P., Eden E., **Pillai M.**, Campos M., McElvaney N.G., Foronjy R.F." *α 1-Antitrypsin Activates Protein Phosphatase 2A to Counter Lung Inflammatory Responses* ", **Am J Respir Crit Care Med.**, Vol. 190, Issue 11 (December 1, 2014), pp. 1229-1242. PMID: 25341065 doi:10.1164/rccm.201405-0872OC
- Morjaria S, Otto C, Moreira A, Chung R, Hatzoglou V, **Pillai M**, Banaei N, Tang YW, Figueroa CJ "Ribosomal RNA gene sequencing for early diagnosis of *Blastomyces dermatitidis* infection". **Int J Infect Dis.** 2015 Aug; 37:122-4. doi: 10.1016/j.ijid.2015.06.017. Epub 2015 Jun 28.
- **Pillai M.**, Olson A.L., Huie T.J., Solomon J.J., Fernandez-Perez E.R., Brown K.K., Hanna P., Lee-Chiong T., Swigris J.J. "Obstructive sleep apnea does not promote esophageal reflux in fibrosing interstitial lung disease". **Respir Med.** 2012 July; 106(7): 1033–1039. PMID: 22521226 PMCID: PMC3362045 NIHMSID: NIHMS372264 doi:10.1016/j.rmed.2012.03.014. [Support Funding: NIH (K23 HL092227)]

Book Chapters

- 'The Encyclopedia of Sleep, 2nd Ed' – "Individual and Societal Impact of Hypersomnia", 'Associations and Consequences of Hypersomnia' section, Elsevier/Academic Press, Second Edition in Print; 2023
- DeVita, Hellman, and Rosenberg's 'CANCER: Principles & Practice of Oncology', LWW; Eleventh edition Dec, 2018, "Chapter 130-Pulmonary Toxicity" ISBN-10: 1-4963-9463-1, ISBN-13: 978-1-4963-9463-7
- 'Best of Sleep Medicine 2011: An Annual Collection of Scientific Literature (Volume 2)' ISBN-10: 1460993853, ISBN-13: 978-1460993859 – Review of the article: Tsuda H., Almeida F.R., Tsuda T., Moritsuchi Y., Lowe A.A. "Craniofacial changes after 2 years of nasal continuous positive airway pressure use in patients with Obstructive Sleep Apnea"; Chest 2010;138;870-874."

Research funding

- Flight Attendant Medical Research Institute, Inc. (FAMRI) [2014 – 2019]
Project Title: 'Low density lipoprotein related protein 1 (LRP1) regulates lung inflammation'
Role: Co-Principal Investigator
Principal Investigator: Itsaso Garcia-Arcos, PhD, Research Assistant Professor, SUNY Downstate, New York

Active Clinical Researches/ Trials

- Diabetic Ketoacidosis protocol project; Celeste Cyriac, MD, Manju Pillai, MD (ongoing)
- Inflammatory mediators in flaring of interstitial disease and pneumonitis (ongoing)
- Christine Nwaiser, MD; Amena Abbasi; Christian Kyung, MD; Oday Alhafidh, MD; Andrew Novick, MD; Bikash Bhattarai, MD, Meredith Akerman, MS; **Manju Pillai, MD**; Michael Weinstein, MD 'Effect of Neutrophil Lymphocyte Ratio on COVID-19 Outcomes in Adults with Obstructive Sleep Apnea'. Poster presented during NYU Langone's Department of Medicine Annual Research Day, 2022
- Swera Cheema, DO; George Elkomos-Botros, MD; Monica Malviya, MD; Saira Sajid, DO; Minesh Khatri, MD; Naveed Masani, MD; **Manju Pillai, MD**, 'Rhino Rhabdo: A Case of Severe Rhabdomyolysis due to Overdose of an Over-the-Counter Sexual Stimulant'. Case abstract presented during NYU Langone's Department of Medicine Annual Research Day, 2022

- **Pillai M.**, Killam J., Palmero V., O'Sullivan M. *'Predictors in the Development of Tracheobronchomalacia in Asthmatics'*
- Eden E., Mohanraj M., **Pillai M.** *'Randomized placebo controlled trial evaluating the use of inhaled antibiotic in bronchiectasis'* (For Gilead Sciences, Inc.)

Quality Improvement Projects-to list few

- **Pillai M.**, Shapiro J. *'Implemented ventilator weaning protocol in the ICU/ Step down unit'*
- **Pillai M.**, Christie R. *'Two-Tiered Research Program: Improve Resident satisfaction with training in research methodology, improve quality of research, continue to maintain compliance with ACGME regulations on scholarly activity during residency training'*
- **Pillai M.**, Merugu S., Christie R. *'Improvement of outpatient medical records as a part of system based and practice based learning'*
- **Pillai M.**, Jain R., Ladha M. *'Steps to improve the quality of resident hand off in floor and ICU'*
- **Pillai M.** *'Implementation of respiratory therapist and nurse initiated ventilator weaning in ICU and step-down units'*
- **Pillai M.** *'Developed a 'Research Manual' to assist residents during residency'*

Review and Referee Activities

- *Journal of Critical Care (Peer-Reviewer)*
Manuscript Ref. No.: JCRC-D-15-00436
Title: Impact of Obesity on Outcomes in a Multi-ethnic Cohort of Medical Intensive Care Unit Patients
- *Journal of Critical Care (Peer-Reviewer)*
Manuscript Ref. No.: JCRC-D-14-00510
Title: Impact of Obesity on Sepsis Mortality: A Systematic review

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Teaching Activities

- Guest speaker in 'Believers Church Medical College Hospital', Thiruvalla, Kerala, India, where I do zoom lectures for medical students and Pulmonary and Critical care division
- Various medical school presentations, Pulmonary physiology lectures, part of physiology conference for LISOM medical students
- Research mentor for fellows and gives various lectures/ presentation for students, residents, fellows
- Various Grand Rounds, Morning report presentations, Noon conferences, Journal club presentations, ICU teaching etc.
- Teaching Fellows, residents and students at NYU hospital and rotating students from Stony Brooke Medical school
- Teaching various Medical Students/Residents/Fellows from Memorial Sloan Kettering Cancer Center (Weill medical college of Cornell University), Mount Sinai St. Luke's and Mount Sinai West/ Icahn School of Medicine at Mount Sinai, Columbia University, University of Colorado and Case Western Reserve University