

2018 Pulmonary Disease/Critical Care Medicine Scholarly Activity

Book Chapters

Dhand R. “Lung Cancer Inhalation Therapeutics” In: *Inhalation Aerosols, Physical and Biological Basis for Therapy*. Hickey AJ, Mansour H, editors. Taylor and Francis Group, Chapter 12, Submitted March 8, 2018

Book Editor

Wang KP, Lee HJ, **Turner JF**, Mehta AC. (eds): *Interventional Pulmonology*, First Edition. Hong Kong: AME Publishing Company, 2017

Publications

Bredhold BE, Winters SD, **Callison JC**, Heidel RE, Allen LM, Hamilton LA. Impact of the sequence of norepinephrine and vasopressin discontinuation in patients recovering from septic shock. *Hosp Pharm*. 2018 Dec 5. [Epub ahead of print]

Lehman JM, Hoeksema MD, Staub J, Qian J, Harris B, **Callison JC**, Miao J, Shi C, Eisenberg R, Chen H, Chen SC, Massion PP. Somatostatin receptor 2 signaling promotes growth and tumor survival in small-cell lung cancer. *Int J Cancer*. 2018 Aug 28. [Epub ahead of print] PMID: 30152518

Braman SS, Carlin BW, Hanania NA, Mahler DA, Ohar JA, Pinto-Plata V, **Shah T**, Eubanks D, **Dhand R**. Results of a pulmonologist survey regarding knowledge and practices with inhalation devices for COPD. *Respir Care*. 2018 Jul;63(7):840-848. doi: 10.4187/respcare.05717. Epub 2018 May 1. PMID: 29717099

Dhand R, Mahler DA, Carlin B, Hanania N, Ohar J, Pinto-Plata V, **Shah T**, Eubanks D, Braman SS. Results of a patient survey regarding COPD knowledge, treatment experiences, and practices with inhalation devices. *Respir Care*. 2018 Jul;63(7):833-839. doi: 10.4187/respcare.05715. Epub 2018 Mar 20. PMID: 29559537

Dhand R. The rationale and evidence for use of inhaled antibiotics to control pseudomonas aeruginosa infection in non-cystic fibrosis bronchiectasis. *J Aerosol Med Pulm Drug Deliv*. 2018 Jun;31(3):121-138. doi: 10.1089/jamp.2017.1415. Epub 2017 Oct 27. PMID: 29077527

Flandes J, **Soto FJ**, Cordovilla R, Cases E, Alfayate J. Bronchoscopic lung volume reduction. *Clin Chest Med*. 2018 Mar;39(1):169-180

Dhand R, Cavanaugh T, Skolnik N. COPD in primary care: Key considerations for optimized management: Considerations for optimal inhaler device selection in chronic obstructive pulmonary disease. *J Fam Pract.* 2018 Feb;67(2 Suppl): S19-S27. PMID: 29443333

Dhand R, Cavanaugh T, Skolnik N. Considerations for optimal inhaler device selection in chronic obstructive pulmonary disease. *Cleve Clin J Med.* 2018 Feb;85(2 Supp 1): S19-S27. PMID: 29494329

Hohenforst-Schmidt W, Zarogoulidis P, Huang H, Man YG, Laskou S, Koulouris C, Giannakidis D, Mantalobas S, Florou MC, Amaniti A, Steinheimer M, Sinha A, Freitag L, **Turner JF**, Browning R, Vogl T, Roman A, Benhassen N, Kesisoglou, Sapalidis K. A new and safe mode of ventilation for interventional pulmonary medicine: The ease of nasal superimposed high frequency jet ventilation. *J Cancer.* 2018 Feb 12;9(5):816-833. doi: 10.7150/jca.23737. PMID: 29581760

Editorial Appointments

R Dhand MD - Editor-in-chief, *ISAM Textbook of Aerosol Medicine*.

Editorial Boards

R Dhand MD - *Journal of Aerosol Medicine*, Mary Ann Liebert, Inc. publishers

R Dhand MD - *Respiratory Care*, American Association of Respiratory Care

R Dhand MD - *International Journal of COPD*, Dove Press, Ltd

R Dhand MD - *Advances in Therapy*, Springer Healthcare Ltd

R Dhand MD - *Journal of Molecular and Translational Research*, JMTR Publications, LLC

JF Turner MD - *PLEURA*, Sage Publications; *Annals of Occupational and Pulmonary Medicine*

JF Turner MD - Ad Hoc Editor: *Journal of Thoracic Oncology*; *Journal of Thoracic Diseases*; *Journal of Bronchology and Interventional Pulmonology*; *Chest*

JF Turner MD - Co-Editor-in-Chief. *Journal of Biomedicine*

Faculty Awards and Honors

Dr. Rajiv Dhand recognized as a Fellow of the American Thoracic Society, February 2018

Dr. J Francis Turner recognized as a Fellow of the American Thoracic Society, February 2018

Dr. Rajiv Dhand - 2018 Physician Leadership Symposium: Physician Executive MBA Program-Haslam College of Business: Knoxville, TN April 27-28, 2018

Clinical Trials

2017-Present Principal Investigator: **Callison, J.**
Vertex VX17-659-102: A Phase 3, Randomized, Double-blind, Controlled Study Evaluating the Efficacy and Safety of VX-659 Combination Therapy in Subjects with Cystic Fibrosis Who Are Heterozygous for the F508del Mutation and a Minimal Function Mutation (F/MF)

2017-Present Principal Investigator: **Callison, J.**
Vertex 103: A Phase 3, Randomized, Double-blind, Controlled Study Evaluating the Efficacy and Safety of VX-659 Combination Therapy in Subjects with Cystic Fibrosis Who Are Homozygous or the F508del Mutation (F/F)

2017-Present Principal Investigator: **Callison, J.**
Vertex VX17-659-105: A Phase 3, Open-label Study Evaluating the Long-term Safety and Efficacy of VX-659 Combination Therapy in Subjects with Cystic Fibrosis Who are Homozygous or Heterozygous for the F508del Mutation

Presentations

Biney IN, Branca P, Turner FJ, Callison J, McCormack M, Soto FJ. Comparison of cytologic examination of bronchial washing samples vs. bronchial brushing in the diagnosis of lung cancer. Oral presentation at the CHEST Annual Meeting: San Antonio, TX October 6-10, 2018

Baveja S, Turner JF, Hanna WH, Dudney TD, Sneed G, Huang H, Hohenforst-Schmidt W, Zarogoulidis P. Multilobar metastatic adenocarcinoma: A case report and review of the literature of digital papillary eccrine adenocarcinoma presenting with hypoxic respiratory failure. IASLC World Conference on Lung Cancer: Toronto, Canada September 26, 2018

Soto FJ. Usefulness of cytologic examination of bronchial washing samples in endobronchial ultrasound. European Respiratory Society - 28th Annual Congress 2018: Paris, France September 15-19, 2018

Akpa B. Incidence & clinical features of muscle weakness in patients admitted to UTMCK. Presented at 2018 Department of Medicine 4th Annual Research Presentations, Department of Medicine Conference Room: Knoxville, TN June 12, 2018 (3rd Place)

Angotti J, **Branca P**, Duncan L. Is there utility in processing bronchial brush-tip washings for cytologic diagnosis? Presented at American Thoracic Society 2018 International Conference: San Diego, CA May 18-23, 2018

Akpa B, Baveja S, Ferris J, **Singh A,** Hecht J, Heidel E, **Dhand R.** Incidence and clinical features of muscle weakness in patients admitted to a tertiary medical center. Presented at American Thoracic Society 2018 International Conference: San Diego, CA May 18-23, 2018

Akpa B, Baveja S, Reynolds B, Ferris J, **Singh A,** Hecht J, Heidel E, **Dhand R.** Outcomes in patients who develop muscle weakness during an acute hospital stay. Presented at American Thoracic Society 2018 International Conference: San Diego, CA May 18-23, 2018

Akpa B, Baveja S, Ferris J, Amin S, **McCormack M,** Heidel E, **Dhand R.** A randomized, double dummy, crossover study comparing the bronchodilator effect of formoterol administered by nebulizer versus dry powder inhaler in patients recovering from severe exacerbations of chronic obstructive pulmonary disease. Presented at American Thoracic Society 2018 International Conference: San Diego, CA May 18-23, 2018

Reynolds B, **Martin E,** Williams A, **Akpa B,** Ferris J, Hecht J, Heidel E, **Baveja S, Dhand R.** Do plasma levels of biomarkers reflect muscle injury in patients admitted to the floors in acute care hospitals? Presented at American Thoracic Society 2018 International Conference: San Diego, CA May 18-23, 2018

Dewald J; MD, He O, Wyckoff K, Ferris J, Elder S, **Dhand R.** Bacterial contamination of nebulizers after a single in-hospital use. Presented at American Thoracic Society 2018 International Conference: San Diego, CA May 18-23, 2018

Turner J. Lung Nodules. Presented at Sixth Annual Medicine Conference: April 6-7, 2018