

2015 Pulmonary Disease/Critical Care Medicine Scholarly Activity

Books Published

Dhand R. Editor-in-Chief. */SAM Textbook of Aerosol Medicine*

Book Chapters

Duarte AG, **Dhand R.** Aerosol Therapy in the Emergency Department. In: *Textbook of Aerosol Medicine*. International Society of Aerosols in Medicine; Dhand, R, editor. Knoxville, TN; 2015. Chapter 10.1, p.e1-46. Available from: www.isam.org

Subramanian J, **Dhand R.** Inhaled Chemotherapy. In: *Textbook of Aerosol Medicine*. International Society of Aerosols in Medicine; Dhand, R, editor. Knoxville, TN; 2015. Chapter 13.3, p.e1-28. Available from: www.isam.org

Publications

Browning R, **Turner JF**, Parrish S. Spray cryotherapy (SCT): institutional evolution of techniques and clinical practice from early experience in the treatment of malignant airway disease. *J Thorac Dis*. 2015 Dec;(Suppl 4): S405-14. doi: 10.3978/j.issn.2072-1439.2015.12.07. PMID: 26807288

Wang KP, **Turner JF**. Preface. *J Thorac Dis* 2015; 7(S4) 222. doi: 10.3978/j.issn.2072-1439.2015.12.19

Jiang JH, **Turner JF**, Huang JA. Endobronchial ultrasound elastography: a new method in endobronchial ultrasound-guided transbronchial needle aspiration. *J Thorac Dis*. 2015 Dec;7(Suppl 4): S272-8. doi: 10.3978/j.issn.2072-1439.2015.12.53. PMID: 26807274

Liu Q, Han S, Arias S, **Turner JF**, Hans L, Browning R, Wang K. Efficacy and adequacy of conventional transbronchial needle aspiration of IASLC stations 4R, 4L and 7 using endobronchial landmarks provided by the Wang nodal mapping system in the staging of lung cancer. Article first published online: 14 Jul 2015. *Thoracic Cancer*. DOI: 10.1111/1759-7714.12288

Hohenforst-Schmidt W, Linsmeier B, Zarogoulidis P, Freitag L, Darwiche K, Browning R, **Turner JF**, Huang H, Li Q, Vogl T, Zarogoulidis K, Brachmann J, Rittger H. Transtracheal single-point stent fixation in posttracheotomy tracheomalacia under cone-beam computer tomography guidance by transmural suturing with the Berci needle - a perspective on a new tool to avoid stent migration of Dumon stents. *Ther Clin Risk Manag*. 2015 May 22; 11:837-50. doi: 10.2147/TCRM.S83230. eCollection 2015. PMID: 26045666

Hohenforst-Schmidt W, Zarogoulidis P, Stopek J, Vogl T, Hubner F, **Turner JF**, Browning R, Zarogoulidis K, Drevelegas A, Drevelegas K, Darwiche K, Freitag L, Rittger H. DDMC-p53 gene therapy with or without cisplatin and microwave ablation. *Onco Targets Ther.* 2015 May 20; 8:1165-73. doi: 10.2147/OTT.S83794. eCollection 2015. PMID: 26056480

Murphy KR, **Dhand R**, Trudo F, Uryniak T, Aggarwal A, Eckerwall G. Therapeutic equivalence of budesonide/formoterol delivered via breath-actuated inhaler vs pMDI. *Respir Med.* 2015 Feb;109(2):170-9. doi: 10.1016/j.rmed.2014.12.009. Epub 2015 Jan 3. PMID: 25596138

Hohenforst-Schmidt W, Zarogoulidis P, Stopek J, Kosmidis E, Vogl T, Linsmeier B, Tsakiridis K, Lampaki S, Lazaridis G, Mpakas A, Browning R, Papaiwannou A, Drevelegas A, Baka S, Karavasilis V, Mpoukovinas I, **Turner JF**, Zarogoulidis K, Brachmann J. Enhancement of intratumoral chemotherapy with cisplatin with or without microwave ablation and lipiodol. Future concept for local treatment in lung cancer. *J Cancer.* 2015 Jan 16;6(3):218-26. doi: 10.7150/jca.10970. eCollection 2015. PMID: 25663938

Turner JF, Niu J, Cantu C. Calcified pulmonary nodules in a patient with benign giant-cell tumor of the bone. *AOPM2015*; 1(1):13-16

Published Abstracts

Weiss GJ, Linhart M, Nader DA, **Turner JF**, Ross JB, Gregory C, Keim P, Harmon B, Barilla H, Pearson T. Analysis of lung microbiome from patients undergoing bronchoscopy. International Association for the Study of Lung Cancer. 16th IASLC World Conference on Lung Cancer Virtual Library; P2.04-060; Denver, CO Sept 2015

Turner JF, Parrish S, Browning R. Upstaging of Lung Cancer-Use of endobronchial ultrasound in the prediction of T4 disease. 16th IASLC World Conference on Lung Cancer Virtual Library; P3.06-016; Denver, CO Sept 2015

Modi D, Dudney T, Turner JF. The search for cancer: Procedures in high-risk patients: Elevated-cardiac risk in patients undergoing bronchoscopy. 16th IASLC World Conference on Lung Cancer Virtual Library; P3.06-017 Sept 2015

Editorial Boards

JF Turner - *PLEURA* Sage Publications

Rajiv Dhand - Member of the Editorial Board of the *Journal of Molecular and Translational Research*

Clinical Study

Rajiv Dhand, MD, Upinder Dhand, MD, Jeffrey Hecht, MD, Lauren Davis
(Coordinator): Muscle Weakness in Hospital Patients with Medical Illnesses: Prevalence, Phenotypes, and their Influence on Patient Outcomes: A Pilot Study. October 2, 2013-present

Clinical Trials

DOM Research Grants and Contracts:

- 2014 Principal Investigator: **Dhand R.**
Co-investigators: Ellis C, and **McCormack M.**
An Open label Randomized, Crossover Pilot Study Comparing the Efficacy of Nebulizers Versus Dry Powder Inhalers in the Treatment of Patients Recovering from Severe Exacerbations of Chronic Obstructive Pulmonary Disease (COPD).
Mylan Pharmaceuticals
Date: 7/14/2014
Amount: \$183,202.01
- 2014-2015 Principal Investigator: **Dhand R.**
Co-investigators: **McCormack M, Dudney T, Branca P**, Ellis C, Naqshbandi S, Sheikh N, Aslam, K, Khan F, and **Modi D.**
A Randomized Double-blind, Placebo-controlled, Parallel Group, Phase 2 Study of Aerosolized Amikacin and Fosfomycin Delivered via the Investigational eFlow® Inline System in Mechanically Ventilated Patients with Gram-negative Bacterial Pneumonia (IASIS).
Cardeas.Pharma Corp.
Dates: 3/21/2014 - 3/20/2015
Amount: \$99,688.00
- 2014 Principal Investigator: **Branca P.**
Co-investigators: **Dhand R, McCormack M, Shamiyeh J** Clinical Research Coordinator: Lauren Davis
A Prospective, Randomized, Controlled, Multicenter Clinical Study to Evaluate the Safety and Effectiveness of the IBV© Valve System for the Single Lobe Treatment of Severe Emphysema.
Spiration, Inc.
Dates: 7/1/13-6/30/14
Amount: \$1,004,653.70
F&A: 30%

2013-2015 Principal Investigator: **Dhand R.**
Co-investigators: Ellis C, and **McCormack M.**
A Prospective, Randomized, Double-blind, Placebo-controlled,
Multicenter Study to Evaluate the Safety and Efficacy of BAY 41-6551 as
Adjunctive Therapy in Intubated and Mechanically ventilated Patients
with Gram- negative Pneumonia (Protocol No.: 13084).
Bayer HealthCare Pharmaceuticals
Dates: 6/6/2013- 3/31/2015
Amount: \$184,814.00

Invited Lectures

Dr. Rajiv Dhand - Fundamental Factors of Inhaled Drug Delivery. AIRS Education
Network Initiative: Knoxville, TN December 9, 2015

Dr. J Francis Turner - Frankly Speaking about Cancer: Lung Cancer. Health
Information Center, UT Medical Center: Knoxville, TN November 20, 2015

Dr. Rajiv Dhand - Aerosolized Chemotherapy: An Emerging Treatment for Lung
Cancer. Inhalation Asia 2015: Shenyang, China September 9-11, 2015

Presentations

Alba Yunen R, Callison JC, Branca P. An unusual case of brain abscess complicating
foreign body aspiration in an adult. Presented at 6th Asian Pacific Congress on
Bronchology and Interventional Pulmonology: Bangkok, Thailand November 26-28,
2015

Weiss GJ, Linhart M, Nader DA, **Turner JF**, Ross JB, Gregory C, Keim P, Harmon B,
Barilla H, Pearson T. Analysis of lung microbiome from patients undergoing
bronchoscopy. Presented at 16th World Conference on Lung Cancer: Denver, CO
September 6-9, 2015

Turner JF, Parrish S, Browning R. Upstaging of Lung Cancer-Use of endobronchial
ultrasound in the prediction of T4 disease. Presented at 16th World Conference on Lung
Cancer: Denver, CO September 6-9, 2015

Modi D, Dudney T, Turner JF. The Search for Cancer: Procedures in High- Risk
Patients: Elevated-cardiac risk in patients undergoing bronchoscopy. Presented at 16th
World Conference on Lung Cancer: Denver, CO September 6-9, 2015

Turner JF. Oncologic Emergencies: A Pulmonologist's Perspective. Presented at
Excellence in Pulmonary Care University of TN Medical Center Wood Auditorium:
Knoxville, TN August 6, 2015

Kravitz J. Interstitial Lung Disease. Presented at Excellence in Pulmonary Care University of TN Medical Center Wood Auditorium: Knoxville, TN August 6, 2015

Dhand R. COPD. Presented at Rotary Club of Knoxville: Knoxville, TN July 31, 2015

Alba Yunen R, Callison J, Branca P. An unusual case of brain abscess complicating foreign body aspiration in an adult. Presented at GSM Annual Research Presentation by Resident: Knoxville, TN June 9, 2015

Kittrell W, **Alba Yunen R, Branca P.** An Unusual Case of Vanishing Lung Syndrome. Presented at GSM Research Day Presentations: Knoxville, TN May 27, 2015

Alba Yunen R, Callison JC, Branca P. An unusual case of brain abscess complicating foreign body aspiration in an adult. Presented at GSM Research Day Presentations: Knoxville, TN May 27, 2015

Symposium Moderator

Dr. J Francis Turner - Symposium I: Detecting and Diagnosing Pulmonary Nodules. Navigational Bronchoscopy Summit: Targeted Diagnostics and Targeted Therapeutics. Green Valley Ranch, Las Vegas, NV. June 5, 2015. [Invited by Thomas Gildea, MD, Head, Section of Bronchoscopy, Respiratory Institute, Cleveland Clinic]

Television Appearance

Dr. J Francis Turner - Questions Grow About the Safety of E-cigarettes. WATE. November 18, 2015

Faculty Development

Dr. J Francis Turner - CPD Certificate of Credit from The Royal College of Pathologists for IASLC SSAC-Lung Cancer CT Screening Workshop WCLC 2015. Colorado Convention Center: Denver, CO September 5, 2015