

## **2012 Pulmonary Disease/Critical Care Medicine Scholarly Activity**

### **Book Chapters**

Guntur V, **Dhand R**. Pulmonary toxicity of chemotherapeutic agents. In: Perry MC, Doll DC, Freter CE, eds. *Perry's The Chemotherapy Source Book*. 5<sup>th</sup> ed. Philadelphia, PA: Wolters Kluwer, Lippincott Williams & Wilkins; 2012:206-214

**Dhand R, McCormack M**. Bronchodilator Therapy. In: *Oxford Textbook of Critical Care*. Oxford University Press. Accepted November 2012

### **Publications**

Carino GP, **Tsapenko AV**, Sweeney JD. Central Line Placement in Patients with and without Prophylactic Plasma. *J Crit Care* 2012 Oct; 27(5):529 e9-13. Doi: J0.1016/j.jcrc.2011.12.016. Epub 2012 Feb 14. PMID: 22341725

**Dhand R**. Aerosol therapy in patients receiving noninvasive positive pressure ventilation. *J Aerosol Med Pulm Drug Deliv*. 2012 Apr;25(2):63-78. Epub 2011 Dec 22. PMID: 22191396

Ari A, Fink JB, **Dhand R**. Inhalation Therapy in Patients Receiving Mechanical Ventilation: An Update. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*. *J Aerosol Med Pulm Drug Deliv*. 2012 Aug 2 PMID: 22856594

**Mir M, Dhand R**. Nebulized drug delivery in patients breathing spontaneously through an artificial airway. *Respiratory Care* July 2012 (57) No. 7:1195-6. PMID: 22734920

Hassanein M, **Callison JC**, Callaway-Lane C, Aldrich MC, Grogan EL, Massion PP. The state of molecular biomarkers for the early detection of lung cancer. *Cancer Prev Res (Phila)*. 2012 Aug;5(8):992-1006. doi: 10.1158/1940-6207.CAPR-11-0441. Epub 2012 Jun 11. Review

Al-Rousan R, **Manzoor K**, Paturi S, Arvapalli R, Laurino J, Dornon J, Walker EM, Blough ER. Long term efficacy of deferasirox in preventing cardiovascular complications in the iron overloaded gerbil. *Journal of Cardiovascular Pharmacology and Therapeutics*. 2012 March, Vol. 17(1):117-25. Epub 2011 May 18. PMID: 21593444

Ocak S, Chen H, **Callison C**, Gonzalez AL, Massion PP. Expression of focal adhesion kinase in small-cell lung cancer. *Cancer*. 2012 Mar;118(5):1293-301

Anderson MP, Parham AR, Waldrep JC, McKenzie WN, **Dhand R**. Alveolar fractal box dimension inversely correlates with mean linear intercept in mice with elastase-induced emphysema. *International Journal of COPD*. 2012 March; 7:235-43. PMID: 22500123

**Dhand R**, Dolovich M, Chipps B, Myers TR, Restrepo R, Farrar JR. The role of nebulized therapy in the management of COPD: evidence and recommendations. *COPD*. 2012 Feb;9(1):58-72. PMID: 22292598

Sams VG, **Tsapenko A**, **Kravitz JN**, Gaines TE. Angiosarcoma of the right atrium presenting as syncope and hemorrhagic pericardial tamponade. *Case Reports in Surgery* 2012, Article ID 829213. Doi:10.1155/2012/829213

### **Research Grants and Other Support**

**Dhand R**, Eda S, **Tsapenko A**. An Adaptable and Rapid Assay System to Assess Levels of Circulating D-dimer Protein in Cases of Suspected Pulmonary Embolism, Physicians' Medical Education and Research Foundation, \$9,250, 4/30/12-4/30/14

### **Presentations**

**Gilani SR**, **Manzoor K**, **Branca P**, **McCormack M**. In folding of Aero stent with Partial Airway Obstruction. Presented at CHEST 2012: Atlanta, GA October 2012

**McCormack M**, **Dudney T**. Evaluate the potential project of lung cancer. Written report and presented to the Clinical Cancer Committee for the Cancer Institute at UT Medical Center: Knoxville, TN May 2012

Langdon R, Carroll R, **Dudney T**, Faust B, Craft R, Snider C, Buck T. Coagulation During Therapeutic Hypothermia After Cardiac Arrest. Presented at the American Society of Anesthesiologists: Washington DC October 13-17, 2012

**Manzoor K**, Sevilla D, Peeke J, Nodit L, **Dudney T**, **Shamiyeh J**. Simvastatin induced recurrent organizing pneumonia with associated proliferative bronchiolitis. Poster presentation at the ATS Meeting: San Francisco, CA May 2012

**Manzoor K**, **McCormack M**, **Dudney T**. Hyperglycemia and associated outcomes in Acute Chronic Obstructive Pulmonary Disease exacerbation during hospitalization. Abstract presented at the ATS Meeting: San Francisco, CA May 2012

**Manzoor K**, Clark C, **Dudney T**, Ludwig B. Tuberculosis presenting as an endobronchial mass. Poster presentation at the ATS Meeting: San Francisco, CA May 2012

**Mir M**, **McCormack M**, **Dudney T**. An unusual explanation for low oxygen saturation. Poster presentation at the ATS Meeting: San Francisco, CA May 2012

**Mir M**, **Manzoor K**, **McCormack M**, **Dudney T**. Pulmonary Sequestration of the Upper and Lower Lobe. Poster presentation at the ATS Meeting: San Francisco, CA May 2012

### **Invited Lecture**

**Dhand R.** Optimizing Outcomes in COPD Management. 2012 ACP Tennessee Chapter Scientific Meeting. Chattanooga, TN October 19, 2012

### **Faculty Development**

**Dr. Michael McCormack** - Writers Workshop, University of Tennessee Graduate School of Medicine.

**Dr. James Shamiyeh** - "LEAN for Healthcare Providers" University of Tennessee.

**Dr. Tina Dudney** - Dean's Retreat at UT Conference Center in Knoxville, TN.