

**FLIGHT ATTENDANT  
MEDICAL RESEARCH  
INSTITUTE  
PUBLICATIONS AND  
PRESENTATIONS  
2002-2023**

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## **Presentations and Abstracts 2019**

Barrero CA. Histone H3.3: A Novel pharmaceutical target for the treatment of COPD. Presented at the Translational Research Seminar at the Pulmonary Branch of the NIH-NHLBI Clinical Center. Bethesda, MD, Feb 26, 2019.

Boykan R, Gorzkowski J, Jenssen B, Klein J, Pbert L, Salloum R, Wellman R. Pediatric resident training and the role of the electronic health record in addressing tobacco smoke exposure. Presented at the 2019 AAP National Conference and Exhibition. New Orleans, LA, Oct 25-29, 2019.

Choi EJ, Ren JP, Wu WZ, Garofalo PG, Bao X. The role of exchange proteins directly activated by cAMP in respiratory syncytial virus-induced pulmonary pathogenesis. Presented at the 103<sup>rd</sup> Annual AAI meeting. San Diego, CA, May 9-13, 2019.

Cohen-Saban N, Dahan R. Elucidating the role of human anti-PD-L1 antibodies Fc-dependent signaling in tumor therapy. Presented at the joint meeting of Israeli Immunological Society (IIS) and Israeli Society for Cancer Research (ISCR). Tel Aviv, Israel, Sep 23-25, 2019.

Cummings, KM. A Century of Cigarettes. Presented at the NCTOH Annual Meeting. Minneapolis, MN, Aug 2019.

Cummings, KM. A History of Smoking Cessation. Presented at the APHA Annual Meeting. Philadelphia, PA, Nov 2019.

Cummings, KM. A History of Smoking Cessation. Presented at the GSK Consumer Healthcare - Great American Smoke Out Event with Advocacy (ACS, ALA and Truth Initiative). Nov 2019.

Cummings, KM. Framework Convention on Tobacco Control (FCTC). Presented at the IASLC 20th World Conference on Lung Cancer. Barcelona, Spain, Sep 2019.

Cummings, KM. The Evolving Cigarette. Presented at the AAHB Annual Meeting. Greenville, SC, Mar 2019.

Cummings, KM. The Evolving Cigarette. Presented at the IASLC 20th World Conference on Lung Cancer. Barcelona, Spain, Sep 2019.

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Easter M, Garth J, Wei Y, Helton ES, Faul C, Barnes JW, Thannickal VJ, Krick S. Characterization of aging pathways in the COPD bronchial epithelium. Presented at the Beeson Conference. Santa Ana Pueblo, NM, Nov 20-23, 2019.

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Gambino J, Moss A, Lowary M, Kerby G, Hovell M, Klein JD, Winickoff JP, Wilson KM. Tobacco smoke exposure reduction strategies - do they work? Presented at the Pediatric Academic Societies' Annual Meeting. Baltimore, MD, Apr 29, 2019.

Garth J, Adegboyega TA, Shei RJ, Tang LP, Helton ES, Denson R, Zaharias R, King G, Sailland J, Kuenzi L, Baumlin N, Salathe M, Rowe SM, Barnes JW, Krick S. Novel anti-aging strategies to inhibit the effect of bronchial cell senescence on mucociliary dysfunction. Presented at the North American Cystic Fibrosis Conference. Phoenix, AZ, Oct 22-24, 2019.

Garth J, Adewale AT, Shei RJ, Tang LP, Helton ES, Denson R, Zaharias R, King G, Sailland J, Kunzi L, Baumlin N, Salathe MA, Rowe SM, Barnes JW, Krick S. Novel Anti-aging strategies to inhibit the effect of bronchial cell senescence on mucociliary dysfunction. Presented at the ATS International Conference. Dallas, TX, May 17-22, 2019.

Garth J, Adewale AT, Shei RJ, Tang LP, Helton ES, Denson R, Zaharias R, King G, Sailland J, Kunzi L, Baumlin N, Salathe MA, Rowe SM, Barnes JW, Krick S. Novel anti-aging strategies to inhibit the effect of bronchial cell senescence on mucociliary dysfunction. Presented at the Cystic Fibrosis Foundation Research Conference. Stowe, VT, Jun 23-26, 2019.

Gorzkowski J, Perry K, Williams J, Crowley R, McFadden T. From clinic to community: working with physicians to advance tobacco control via health systems change. Presented at the 2019 National Conference on Tobacco Or Health. Minneapolis, MN, Aug 27-29, 2019.

Groner JA. A Seminar on Vaping. Presented at the Central Ohio Breathing Association, 2019.

Groner JA. E-cigarettes and Juul. Presented at the Central Ohio Pediatric Society, 2019.

Groner JA. Smoking Cessation and Facts on E-cigarettes. Lecture for Pediatric Residents, Nationwide Children's Hospital Fast Facts. 2019.

Hirschi, M, Tsai KYF, Davis T, Llavina S, Stitton B, Clark C, Plothow E, Aanderlund-Tanner H, Mella N, Arroyo JA, Reynolds PR. RAGE and SAGE: Ameliorating COPD pathogenesis via RAGE abrogation. Presented at the Experimental Biology International Meeting. Orlando, FL, Apr 6-9, 2019.

Holstein J, Moss A, Lowary M, O'Hara K, Wilson KM. Barriers and motivators to smoking cessation for caregivers of inpatient pediatric patients. Presented at the Pediatric Hospital Medicine Meeting. Seattle WA, Jul 25-28, 2019.

Klein JD. Keynote Presentation: Tobacco and adolescents. Presented at the 29<sup>th</sup> International Pediatric Association Congress. Panama City, Panama, Mar 17-21, 2019.

Klein JD. Tobacco and marijuana issues. Presented on ECHO Chicago: Adolescent Health Online Course. Chicago, IL, 2019.

Kovacs L, Zhu J, Han W, Liu G, Greer P, Su Y. The critical role of ROS-induced calpain activation in airway and pulmonary vascular remodeling in COPD. Presented at the 44th FEBS congress, Krakow, Poland, Jul 6-11, 2019

Krick S, Garth J, Adewale AT, Shei R-J, Tang LP, Helton ES, Denson R, Zaharias R, King G, Sailland J, Kunzi L, Baumlin N, Salathe MA, Rowe SM, Barnes JW. Novel anti-aging strategies to inhibit the effect of bronchial cell senescence on mucociliary dysfunction. *Am J Respir Crit Care Med* 2019;199:A6190.

Krick S, Garth J, Helton SE, Denson R, Zaharias R, Wells JM, Barnes JW. Cigarette smoke can activate fibroblast growth factor signaling in vascular smooth muscle cells in the COPD lung [abstract]. *Am J Respir Crit Care Med* 2019;199:A4518.

Krugman J, Boykan R, Gorzkowski J. Pediatric residents' perspective on residency education and role of the ehr in addressing tobacco smoke exposure. Presented at the 2019 AAP National Conference and Exhibition. New Orleans, LA, Oct 25-29, 2019.

McClelland E, Valentine N, McMillen R. JUUL Awareness, Trial, and continued use among undergraduate students in Mississippi. *J Mississippi State Med Assoc.* 2019;60;44-50.

McClelland E, Valentine N, McMillen R. JUUL Awareness, trial, and continued use among undergraduate students in Mississippi. Presented at the 2019 National Conference on Tobacco OR Health. Minneapolis, MN, Aug 27-29, 2019.

McMillen R, Gorzkowski J, Wilson K, Tanski S, Klein JD, Winickoff JP. Who uses pod-based e-cigarettes? Adult smokers trying to quit or nonsmoking young adults? Presented at the 2019 Pediatric Academic Societies Conference. Baltimore, MD, Apr 29, 2019.

McMillen R, Valentine N, McClelland E, Gorzkowski J. Smoke-free ordinances and policies protect youth, but ordinances appear to have little impact on non-combustible tobacco use. Presented at the 2019 AAP National Conference and Exhibition. New Orleans, LA, Oct 25-29, 2019.

McMillen R. Presented at the 2019 Annual Meeting of the Mississippi Public Health Association. Jackson, MS, Oct 17-18, 2019.

McMillen R. Presented at the University and College Tobacco-Free Collaborative hosted by the BlueCross BlueShield of Mississippi Foundation. Aug 20, 2019.

McMillen R. The Mississippi experience, 1998 to 2018. Presented at the 2019 National Conference on Tobacco OR Health. Minneapolis, MN, Aug 27-29, 2019.

McMillen, R. Vaping update. Presented at the 2019 Mississippi Thrive! Child Health and Development Summit. 2019.

Numata-Nakamura M, Lee H, Chu H, Siebold MA, Voelker DR. Pulmonary surfactant lipids antagonize human rhinovirus infections [abstract]. *Am J Resp Crit Care Med* 2019:A5757.

Parks MJ. Reducing disparities in smoke-free rules among households with children. Presented at IRT-CAPC 2019 Research Day, Department of Pediatrics, University of Minnesota. Minneapolis, MN, Jul 2019.

Parks MJ. Reducing disparities in smoke-free rules among households with children. Webinar presentation for Bureau of Health Workforce, National Research Service Award Program Webinar Series, 2019.

Parks MJ. Reducing socioeconomic disparities in comprehensive smoke-free rules among households with children. Presented at First Friday Meeting, Department of Pediatrics, University of Minnesota. Minneapolis, MN, 2019.

Perez L, Wu B, Sulaiman I, Franca B, Carpenito J, Olsen E, Yie K, Ma S, Gonzalez A, Li Y, Tsay J. Lower Airway Priming with Human Oral Commensals Alters Immune Response to *Streptococcus Pneumoniae*. Presented at the ATS International Conference. Dallas, TX, May 20, 2019

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Ramirez F, Groner JA, Ramirez J, McEvoy C, McCulloch C, Cabana M, Abuabara K. Maternal tobacco smoking is associated with sleep-disordered breathing throughout early childhood. Presented at the Pediatric Academic Societies. Baltimore, MD, Apr 29, 2019.

Ramirez F, Groner JA, Ramirez J, Owens JA, McCulloch C, Cabana M, Abuabara K. Children exposed to maternal smoking have impaired sleep quality throughout childhood. Presented at the Pediatric Academic Societies. Baltimore, MD, Apr 29, 2019.

Sauler M. 7 Myths about COPD. Presented at the Norwalk Hospital Research Conference. Norwalk, CT, 2019.

Sauler M. DNA damage and the aging lung. Presented at the University of Arizona Research Conference. 2019.

Sauler M. DNA damage responses and COPD. Presented at the National Institutes of Health. Washington, DC, 2019.

Tsai KYF, Hirschi KM, Knowlton MN, Mejia JF, Hall P, Davis T, Reynolds PR, Arroyo J. RAGE implications during DNA double strand breaks in trophoblast cells. Presented at the Experimental Biology International Meeting. Orlando, FL, Apr 6-9, 2019.

Twentyman E, Gilliard D, Dean A, Tanski S, Gorzkowski J, Tobin A, Ahluwalia I, Tait V. Pediatricians promoting global tobacco control: three years of innovative partnership between the American Academy of Pediatrics and Centers for Disease

Control and Prevention. Presented at the 2019 AAP National Conference and Exhibition. New Orleans, LA, Oct 25-27, 2019.

Valentine N, McClelland E, McMillen R. Changing tobacco trends in Mississippi. Presented at the 2019 National Conference on Tobacco OR Health. Minneapolis, MN, Aug 27-29, 2019.

Wang F, Barrero CA. Integrative bioinformatics analysis revealed novel drug repurposing targets for COPD, translating genetics into medicine. Presented at the New York Academy of Sciences. New York, NY, Apr 2019.

Wilson KM, Elliott A, Moss A, Lowary M, Kerby G, Hovell M, Klein JD, Winickoff JP, Benowitz N. Association between cotinine and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL) in children exposed to tobacco smoke. Presented at the Pediatric Academic Societies' Annual Meeting. Baltimore, MD, Apr 27, 2019.

Wilson KM, Moss A, Lowary M, Gambino J, Klein JD, Kerby G, Hovell M, Winickoff JP. Correlates of cotinine levels in hospitalized children with parents who smoke tobacco. Presented at the Pediatric Academic Societies' Annual Meeting. Baltimore MD, Apr 27, 2019.

Winickoff, JP. Policy and advocacy in action: JUULING and schooling, AAP Guest Lectureship, Resident PEARL session, UW Hospital Clinical Sciences Center. Madison, WI, 2019.

Winickoff, JP. Solutions to the shifting landscape of teenage JUULing and parental smoking in Wisconsin #CEASEWI, AAP Guest Lectureship, Grand Rounds. University of Wisconsin, Madison, WI, 2019.

Winickoff, JP. The clinical and community effort against secondhand smoke exposure. AAP Guest Lectureship. Madison DPH Leadership, Madison, WI, 2019.

Wu B , Xiao R, Tsay JJ, Sulaiman I, Goldklang MP, Li Y, Perez L, Franca B, Carpenito J, Olsen E, Yie K, D'Armiento JM, Segal LN. Lower Airway Dysbiosis Is Necessary for Neutrophilic and Th17 Lower Airway Inflammation in a Pre-Clinical Model of Smoke Induced COPD [abstract]. *AJRCCM* 2019; 199:A7024.

**Book Chapters, etc., 2019**

Groner, JA. Secondhand Smoke Exposure In: Kliegman RM and St. Geme J, eds., Nelson Textbook of Pediatrics, 21<sup>st</sup> Edition. 2019.

Liu, J. Invention disclosure: " Three-dimensional surface for protein and small molecule microarrays." 2019.

Soler Z. Effects of endoscopic sinus surgery on objective and subjective measures of cognitive dysfunction in chronic rhinosinusitis. Scope It Out Podcast for the International Forum of Allergy and Rhinology, Episode 37, Oct 3, 2019.

## 2018

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- Aloni-Grinstein R, Charni-Natan M, Solomon H, Rotter V. p53 and the Viral Connection: Back into the Future (double dagger). *Cancers (Basel)*. 2018;10(6).
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- Amariei DE, Reed RM. Troubleshooting a dialysis line: when blue runs red. *BMJ Case Rep*. 2018;2018.
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- Benitez A, Liu W, Palovcak A, Wang G, Moon J, An K, Kim A, Zheng K, Zhang Y, Bai F, Mazin AV, Pei XH, Yuan F, Zhang Y. FANCA Promotes DNA Double-Strand Break Repair by Catalyzing Single-Strand Annealing and Strand Exchange. *Mol Cell*. 2018;71(4):621-628 e624.
- Benowitz NL, Nardone N, Jain S, Dempsey DA, Addo N, St Helen G, Jacob P, 3rd. Comparison of Urine 4-(Methylnitrosamino)-1-(3)Pyridyl-1-Butanol and Cotinine for Assessment of Active and Passive Smoke Exposure in Urban Adolescents. *Cancer Epidemiol Biomarkers Prev*. 2018;27(3):254-261.

Berg OK, Kwon OS, Hureau TJ, Clifton HL, Thurston T, Le Fur Y, Jeong EK, Amann M, Richardson RS, Trinity JD, Wang E, Layec G. Maximal strength training increases muscle force generating capacity and the anaerobic ATP synthesis flux without altering the cost of contraction in elderly. *Exp Gerontol.* 2018;111:154-161.

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Bhat TA, Kalathil SG, Bogner PN, Miller A, Lehmann PV, Thatcher TH, Phipps RP, Sime PJ, Thanavala Y. Secondhand Smoke Induces Inflammation and Impairs Immunity to Respiratory Infections. *J Immunol.* 2018;200(8):2927-2940.

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Book Chapters, etc., 2018

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### **Presentations and Abstracts 2017**

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Che P, Zhao X, Cai G, Hu M, Chen CY, Han X, Ding Q. Tristetraprolin regulates cigarette smoke induced TNF-alpha expression through an mRNA decay mechanism [abstract]. American Thoracic Society International Conference. Washington, DC, May 19-24, 2017.

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Cummings, KM. 50-year Surgeon General Report. Presented at the 21st Annual Family Medicine Update: Tobacco & Disease Pre-Conf. Little Rock, AR, Oct 2017.

Cummings, KM. Framework Convention on Tobacco Control (FCTC). Presented at the APHA Annual meeting. Atlanta, GA, Nov 2017.

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Cummings, KM. The Evolving Cigarette. Presented at the 22nd Century Shareholder's Meeting. Buffalo, NY, Apr 2017.

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Cummings, KM. The Evolving Cigarette. Presented at the American Society for Preventive Cardiology's 2017 Congress on CVD Prevention. Fort Lauderdale, FL, Sep 2017.

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Cummings, KM. Towards Health Through Justice. Presented at the 34th Annual Judges & Attorneys Substance Abuse & Ethics Seminar. Daniel Island, SC, Dec 2017.

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Frank DN. Understanding and manipulating the microbiome. Presented at the FAMRI Sinusitis Meeting. Miami, FL, Feb 2, 2017.

Gamliel VM, Shilo S, Rosen L. Parental perceptions of exposure – a new tool to examine parental understanding of children’s exposure to tobacco smoke: A validation study. Presented at the Tel Aviv University Medical Faculty Research Fair. Tel Aviv, Israel, 2017.

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**Book Chapters, etc., 2016**

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## **Presentations and Abstracts 2015**

Adkins CS, Schafer C, Y Wang Y, Trevor J, Bailey W, Redden D, M Dransfield M, Deshane J. Immune regulation and tryptophan metabolism in asthma. Presented at the American Academy of Allergy, Asthma and Immunology. Houston TX, Feb. 20-24, 2015.

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Aravamudan B, Thompson MA, Pabelick CM, Sieck GC, Vassallo R, Prakash YS. Cigarette smoke-induced dysregulation of mitochondrial morphology and function in human airway smooth muscle. Presented at Multifaceted Mitochondria Cell Symposia Meeting. 2015.

Aravamudan B, Thompson MA, Pabelick CM, Sieck GC, Vassallo R, Prakash YS. Cigarette smoke-induced dysregulation of mitochondrial morphology directly impacts mitochondrial function in human airway smooth muscle [abstract]. Presented at the ATS International Conference. May 17, 2015.

Aravamudan B, Thompson MA, Pabelick CM, Sieck GC, Vassallo R, Prakash YS. Cigarette smoke induces dysregulation of mitochondrial morphology and function in human airway smooth muscle. Presented at the Mitochondrial Symposium. Birmingham, AL, Mar 2-4, 2015.

Aravamudan B. Mitochondrial morphology and function: why smokers should care. Presented at the Biology Interest Group Seminars at Winona State University. Winona MN, 2015.

Bagam P, Batra S. Cigarette smoke mediated regulation of autophagy in RAW264.7 macrophages. Presented at the Society of Toxicology Joint Annual Meeting. Houston, TX, Oct 22-24, 2015.

Barrero C. The hidden effects of epigenetic discoveries. the dark side of histones. Presented in a Webinar at Labroots. Oct 28, 2015.  
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Barrero CA. Extracellular H3.3 is cytotoxic to structural lung cells. Presented at the Temple Lung Center Research and Clinical Series. Philadelphia, PA, Jul 2015.

Batra S, Cai S, Baral P, Penn A, Jeyaseelan S. NLRP12 regulates both inflammasome activation and T cell differentiation during cigarette smoke-induced pulmonary inflammation. Presented at the 54<sup>th</sup> Annual Meeting of Society of Toxicology. San Diego, CA, Mar 22-26, 2015.

Brózman O, Novák J, Bauer AK, Babica, P. Effects of polycyclic aromatic hydrocarbons in human bronchial epithelial cell line [abstract]. Presented at Frontiers in Materials and Life Sciences: Creating Life in 3D. Brno, Czech Republic, Sep 2-4, 2015.

Cai GQ, Sanpper, TM, Ding Q. Identification of a novel gene in control of cigarette smoke-induced pro-inflammation response. Presented at the BIT's 6<sup>th</sup> World Gene Convention. Qingdao, China, Nov 13-15, 2015.

Camenga DR, Nelson KE. Pediatric Tobacco Issues. Presented at the Academic Pediatric Association (APA) Pediatric Tobacco Issues Special Interest Group (Cig SIG) session at the 2015 Annual Meeting of the Pediatric Academic Societies. San Diego, CA, Apr 25-28, 2015.

Chun GB, Jirapatnakul AC, Reeves AP, Xie Y, Yip R, Yankelevitz DF, Henschke CI, Powell CA. Quantitative analytics for emphysema in lung cancer screening CT scans. Presented at the American Thoracic Society Annual Meeting. Denver, CO, May 15-20, 2015.

Crane-Godreau, M. Trauma and the immune system: an overview of neuro-endocrine-immune interactions. Presented at the 1st European Conference on Somatic Experiencing®. Helsingor, Denmark, Jun 4-6 2015.

Cummings, KM. 50-year Surgeon General Report. Presented at IASLC 16th World Lung Cancer Conference. Denver, CO, Sep 2015.

Cummings, KM. 50-year Surgeon General Report. Presented at NCTOH Annual Meeting. Bethesda, MD, Oct 2015.

Cummings, KM. A Century of Cigarettes. Presented at the IASLC World Lung Cancer Conference. Denver, CO, Sep 2015.

Cummings, KM. A Century of Cigarettes. Presented at the NCTOH Annual Meeting, Bethesda, MD, Oct 2015.

Cummings, KM. Framework Convention on Tobacco Control (FCTC). Presented at the IASLC Targeted Therapies Conference. Santa Monica, CA, Feb. 2015.

Cummings, KM. Framework Convention on Tobacco Control (FCTC). Presented at the MUSC Global & Public Health Symposium. Charleston, SC, Nov 2015.

Cummings, KM. Towards Health Through Justice. Presented at the APHA Annual Meeting. Chicago, IL, Nov 2015.

Cummings, KM. Towards Health Through Justice. Presented at the Masters of Justice Conference, Sarasota, FL, Oct 2015.

Cummings KM, Goldstein R, Brown A. Those who seek the truth: Tobacco litigation in the United States. Presented at the 16th World Conference on Tobacco or Health. Abu Dhabi, United Arab Emirates, Mar 17-21, 2015.

Degar A, Pandit K, Kaminski N, Perry Y, D'Souza MJ, Blumental-Perry A. Cigarette smoke exposure alters mitochondria function by regulating expression of

mitochondrial miR-805/mitosRNA-L-DL-1 in alveolar type-II cells. Presented at the for presentation at the ATS International Conference. Denver, CO, May 15-20, 2015.

Deshane J. Macrophages: Novel Potent Regulators of Asthmatic Inflammation and Airway Hyper-Reactivity. Presented at the American Academy of Allergy, Asthma and Immunology. Houston TX, Feb. 20-24, 2015.

Donner CF, Ambrosino N, Casaburi R, Chetta A, Clini E, Dreher M, Goldstein R, Jubran A, Nici L, Owen CA, Rochester C, Tobin MJ, Vaghegini G, Vitacca M, ZuWallack R. 8th international conference on management and rehabilitation of chronic respiratory failure: the long summaries – part 1 [meeting report]. *Multidisciplinary Respiratory Medicine* 2015;10:31.

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Drouin O, McMillen RC, Shaefer R, Klein J, Winickoff J. Counselling about e-cigarettes from physicians and dentists: Results from a national survey. (November, 2015). Counselling about e-cigarettes from physicians and dentists: Results from a national survey. Poster presented at the American Public Health Association Annual Meeting, Chicago, IL, Oct 31-Nov 4, 2015.

Eberlein M, Reed RM. Re: Impact of donor-to-recipient weight ratio on survival after bilateral lung transplantation [comment]. *Transplant Proc* 2015;47:2078-2080.

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Ehrhardt C. Arzneistoffabsorption in der Lunge-mehr als nur Diffusion. Presented at the Institut für Pharmazie, MartinLuther-Universität Halle-Wittenberg. Halle (Saale), Germany, Apr 24, 2015.

Ehrhardt C. Drug transporters in the lung - expression and interactions with inhaled medicines. Presented at the Faculty of Pharmacy, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University. Kanazawa, Japan, Apr 15, 2015.

Ehrhardt C. Drug transporters in the lung and their relevance for pulmonary drug disposition. Presented at Universitetet i Tromsø, Institutt for farmasi. Tromsø, Norway, Mar 19, 2015.

Ehrhardt C. Importance of aerosol drug distribution i: drug uptake: what are the cellular targets and their locations in the respiratory tract? Presented at the 20<sup>th</sup> Congress of the International Society for Aerosols in Medicine. München, Germany, May 30, 2015.

Ehrhardt C. Inhalation biopharmaceutics - do transporters matter in the lung? Presented at the 29<sup>th</sup> Annual Meeting of the AAPS. Orlando, FL, Oct 29, 2015.

Ehrhardt C. OCTN1-mediated ergothioneine uptake protects lung epithelial cells from tobacco smoke-induced damage. Presented at the Experimental Biology Meeting. Boston, MA, Mar 31, 2015.

Ehrhardt C. OCTN1-mediated uptake of ergothioneine protects from tobacco smoke-induced oxidative damage. Presented at the 30<sup>th</sup> Annual Meeting of the Japanese Society for the Study of Xenobiotics. Tokyo, Japan, Nov 13, 2015.

Ehrhardt C. Recent advances in drug transporter research in the lungs. Department of Pharmaceutics and Therapeutics, Graduate School of Biomedical & Health Sciences, Hiroshima University. Hiroshima, Japan, Nov 9, 2015.

Ehrhardt C. The impact of membrane transporters on drug absorption from the lungs. Presented at AstraZeneca. Mölndal, Sweden, Mar 25, 2015.

Ehrhardt C. The role of drug transporters in inhalation biopharmaceutics. Presented at the University of Toyama Graduate School of Medicine and Pharmaceutical Sciences. Toyama, Japan, Apr 13, 2015.

Farassati F. Ezh2 pathway as a cancer stem cell specific target. Presented at UC Davis Stem Cell Institute. Davis CA, Jun 29, 2015.

Farassati F. RalA signaling in therapy of human cancers. Presented at the University of Maryland Cancer Center. Baltimore, MD, Jul 31, 2015.

Farassati F. Targeting cancer stem cells with oncolytic viruses. Presented at Columbia University Medical Center. New York, NY, Oct. 28, 2015.

Fiering SN. *In situ* vaccination to treat cancer with viral-like nanoparticles. Presented at Stanford University celebrate for endowed chair for Lee Herzenberg. Palo Alto, CA, Dec. 7 2015.

Fiering SN. *In situ* vaccination to treat cancer. Presented at the International Society of Hyperthermia Annual Meeting. Orlando, FL, Apr 25, 2015.

Foronjy RF. A novel anti-inflammatory effect of alpha-one antitrypsin. Presented at SUNY Downstate Medical Grand Rounds. Brooklyn, NY, Aug 2015.

Foronjy RF. The GPx-1-PTP1B-PP2A Axis: A key determinant of airway inflammation and tissue destruction. Presented at SUNY Downstate Medical Grand Rounds. Brooklyn, NY, Sep, 2015.

Foronjy RF. The importance of COPD in HIV infection. Presented at SUNY Downstate Medical Center HIV Grand Rounds. Brooklyn, NY, Nov 2015.

Foronjy RF. The lung health effects of e-cigarette smoke exposure. Presented at the European Respiratory Society Conference. Amsterdam, Holland, Sep 26-30, 2015.

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Forteza RM. Hyaluronan orchestrates fast responses to environmental insults and the resolution of inflammatory events in human airways. Presented at the 9th International Conference of Hyaluronan Sciences. Oklahoma City, OK, Jun 2-7, 2013.

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Garcia-Arcos I, Goldberg IJ, Foronjy R. LRP1 modulates surfactant lipid metabolism. Presented at the Kern Lipid Conference. Vail, CO, Aug 3-5, 2015.

Garza JL, Mittleman MA, Zhang J, Christiani DC, Cavallari JM. Time course of heart rate variability response to PM<sub>2.3</sub> exposure from secondhand smoke [abstract]. Presented at the American Public Health Association 143rd Meeting. Chicago, IL, Oct 31–Nov 4, 2015.

Gomez Villalobos, J. Phenotyping asthma at the dawn of precision medicine. Presented at medical grand rounds at Yale University. New Haven, CT, Aug 27, 2015.

Gomez Villalobos, J. Th2 and YKL-40 profiles in the blood and sputum of severe asthmatics in the Yale center for asthma and airway disease. Presented at the 58th Annual Thomas L. Petty Aspen Lung Conference. Aspen, CO, Jun 10-13, 2015.

Gorzkowski JA, Harris DL, Kaseeska KR, Whitmore Shaefer RM, Moreno M, Pbert L, Wasserman RC, Klein JD. Trends in youth use of e-cigarettes and alternative tobacco products. Platform presentation at the 2015 Annual Meeting of the Pediatric Academic Societies. San Diego, CA, Apr 25-28, 2015.

Gorzkowski JA, Harris DL, Kaseeska KR, Whitmore Shaefer RM, Moreno M, Pbert L, Wasserman RC, Klein JD. (2015) Trends in youth use of e-cigarettes and alternative tobacco products. Presented at the 2015 Conference of the Society for Research on Nicotine and Tobacco. Philadelphia, PA, Feb 25-28, 2015.

Gorzkowski JA, Kaseeska KR, Wright MW, Harris DL, Whitmore Shaefer, RM, Pbert L, Wasserman RC, Gotlieb E, Davis J, Oldendick R, Klein JD. Provider delivery of the 5As

tobacco intervention to Youth [plenary.]. Presented at the 2015 Annual Meeting of the Pediatric Academic Societies. San Diego, CA, Apr 25-28, 2015.

Gorzkowski JA, Kaseeska KR, Wright MW, Harris DL, Whitmore Shaefer RM, Pbert L, Wasserman RC, Gotlieb E, Davis J, Oldendick R, Klein JD. (2015) Provider delivery of the 5As tobacco intervention to youth. Presented at the 2015 Conference of the Society for Research on Nicotine and Tobacco. Philadelphia, PA, Feb 25-28, 2015.

Harris DL, Gorzkowski JA, Kaseeska KR, Bocian AB, Moreno M, Pbert L, Klein JD. Are young smokers in greater need of screening around risky social media use? Platform presentation at the 2015 Annual Meeting of the Pediatric Academic Societies. San Diego, CA, Apr 25-28, 2015.

Hauser L, Ir D, Kingdom T, Robertson CE, Frank DN, Ramakrishnan VR. Evaluation of bacterial transmission to the paranasal sinuses through sinus irrigation. Presented at the American Rhinologic Society Combined Society Meeting. Boston, MA, Apr 23-24, 2015.

Hauser L, Ir D, Kingdom T, Robertson CE, Frank DN, Ramakrishnan VR. Investigation of bacterial repopulation after sinus surgery and perioperative antibiotics. Presented at the American Rhinologic Society Combined Society Meeting. Boston, MA, Apr 23-24, 2015.

Henschke CI, Salvatore M, Flores R, Powell CA, Difabrizio L, Kaufman A, Eber C, Yip R, Yankelevitz DF. CT screening for lung cancer: the probability of lung cancer depends on the round of screening and the nodule consistency. Presented at the American Thoracic Society Annual Meeting. Denver, CO, May 15-20, 2015.

Hipple B, Nabi-Burza E, Shaefer R, Gorzkowski J, Drehmer J, Yuen N, Ossip D, Winickoff J. Training child healthcare practices to address family tobacco use: a qualitative analysis of training call data. Presented at the Society for Research on Nicotine and Tobacco Europe 16th Annual Congress. Maastricht, Netherlands, Sep 10-12, 2015.

Hoffman SM, Nolin JD, Jones JT, Lahue KG, Chapman DG, Aliyeva M, Daphtary N, Lundblad LKA, Abdalla S, Ather JL, Ho Y-S, Irvin CG, Anathy V, Wouters EFM, Poynter ME, Janssen-Heininger YMW. Ablation of the thiol transferase, glutaredoxin-1, augments protein S-glutathionylation and modulates type 2 inflammatory responses and IL-17 in a house dust mite model of allergic airways disease in mice [abstract and presentation]. 58th Annual Thomas L. Petty Aspen Lung Conference on Asthma 2015: Mechanisms to Personalized Medicine. Aspen, CO, Jun 10-13, 2015.

Holmes LM, Ling PM. Secondhand Smoke Exposure in the Workplace: A Lingering Hazard for Young Adults in California. Presented at the American Public Health Association Meeting. Chicago, IL, Nov 3, 2015.

Hosakote YM, Garofalo RP, Kurosky A. Respiratory syncytial virus infection triggers HMGB1 release from the lung epithelial cells to promote inflammatory cytokine production [abstract]. *J Immunol* 2015;194:S48.9.

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Ishaq MK, Cross C, Youness H, Booth JL, Duggan E, Howard L, Petrone-Holtlander BA, Awab A, Hutchings D, White V, Self DA, Kupfer DM, Burian D, Metcalf JP. Effect of altitude and cigarette smoke exposure on bronchoalveolar lavage fluid cellularity [abstract]. *J Invest Med* 2015;63:697A.

Jaspers I. Inhalation of smoke: How it affects respiratory immune responses. Presented at the University of Pennsylvania. Philadelphia, PA, Mar 2015.

Jaspers I. Pulmonary effects of exposure to tobacco smoke and new tobacco products. Presented at the Society of Toxicology. San Diego, CA, Mar 22-26, 2015.

Jaspers I. Tobacco products-it's not just cigarettes anymore. Presented at the University of North Carolina at Chapel Hill Pediatrics Grand Rounds. Chapel Hill, NC, Nov 2015.

Jaspers I. Translational research approaches to examine the effects of smoking on respiratory host defense responses. Presented at Eastern Carolina University. Greenville, NC, Apr 2015.

Jaspers I. What is really going up in smoke: antiviral host defense responses in the respiratory mucosa. Presented at the Lovelace Respiratory Research Institute. Albuquerque, NM, Feb 2015.

Ji X, Qian J, Rahman J, Harris B, Hoeksema M, Chen H, Eisenberg R, Young J. SLC7A11 contributes to the pathogenesis of lung cancer [abstract]. Presented at a Special Conference: Metabolism and Cancer. Bellevue, WA, Jun 7-10, 2015.

Kaseeska, KR, Gorzkowski, JA, Whitmore Shaefer RM, Harris DL, Wasserman RC, Klein JD. Delivery of preventive counseling and confidential care to adolescents. Presented at the 2015 Annual Meeting of the Pediatric Academic Societies. San Diego, CA, Apr 25-28, 2015.

Kaur G, Panday A, Grove A, Batra S. Cigarette smoke mediated regulation of epigenetic signatures on NF- $\kappa$ B proximal promoter region in murine macrophages. Presented at the Society of Toxicology, Joint Annual Meeting. Houston, TX, Oct 22-24, 2015.

Krick S, Baumlin N, Faul C, Salathe M. Fibroblast growth factor receptor signaling in chronic bronchitis [abstract]. ATS International Conference. Denver, CO, May 15-20, 2015.

Layec G. Metabolic abnormalities with COPD: Is it only physical deconditioning? Presented at the UVRL colloquium. Presented at the University of Utah. Salt Lake City, UT, Jan 2016.

Linek JA, Henschke CI, Yankelevitz DF, Flores RM, Powell CA. Non-malignant resection rate is lower in patients who undergo preoperative fine needle aspiration

(FNA) for diagnosis of suspected early-stage lung cancer. Presented at the American Thoracic Society Annual Meeting. Denver, CO, May 15-20, 2015.

Ling PM, Jordan JA. Wreaking "havoc" on smoking: social branding to reach young adult "partiers" in Oklahoma. Presented at the TSET/OTRC Symposium. Oklahoma City, OK, May 2015.

Lisha NE, Neilands TB, Jordan JW, Holmes LM, Ling PM. Using a social prioritization index to predict young adult smoking. Presented at the American Public Health Association Meeting. Chicago, IL, Nov 1, 2015.

Liu S, Salvatore M, Yankelevitz DF, Henschke CI, Reeves AP. Segmentation of the whole breast from low-dose chest CT images. Proceedings of the SPIE Medical Imaging Conference 2015 on Computer-Aided Diagnosis 2015; 9414.

Liu S, Xie U, Reeves AP. Segmentation of the sternum from low-dose chest CT images. Proceedings of the SPIE Medical Imaging Conference 2015 on Computer-Aided Diagnosis.2015; 9414.

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Marudamuthu AS, Bhandary YP, Shetty SK, Karandashova S, Thompson M, Sathish V, Florova G, Hogan T, Pabelick C, Prakash YS, Idell S and Shetty S. Plasminogen activator inhibitor-1 (PAI-1) suppresses pro-fibrotic responses in fibroblasts from fibrotic lungs. Presented at the ATS Meeting. Denver, CO, May 17-20, 2015.

Massion PP, Senosain M, Hassanein M, Ji X, Qian J, Hoeksema M. Regulation of neutral amino acid transporters gene expression profile in non-small cell lung cancer [abstract]. AAACR 106th Annual Meeting. Philadelphia, PA, Apr 18-22, 2015.

McMillen R, Whitmore Shaefer R, Tanski S, Gottlieb M, Wilson K. Support for e-cigarette regulations that protect children and adolescents: Results from a nationally representative survey. Platform presentation at the Pediatric Academic Societies' Annual Conference, San Diego, CA, Apr 25-28, 2015.

McMillen R, Wilson K, Torok M, Rosas Gutierrez M. Tobacco smoke incursions in multi-unit housing among Spanish and English speaking Hispanics. Presented at the 2015 Society for Research on Nicotine and Tobacco Annual Meeting. Philadelphia, PA, Feb 25-28, 2015.

Messier EM, Tuder RM, Bowler RP, Bahmed K, Mitchell JD, Mason RJ, Kosmider B. Alveolar type II cell injury in emphysema. Presented at the American Thoracic Society Annual Meeting. Denver, CO, May 15-20, 2015.

Moreno M, Kaseeska KR, Gorzkowski JA, Wright MW, Harris DL, Shone LP, Bocian AB, Davis JB, Oldendick R, Klein JD. (2015) Clinician delivery of a media use screening and intervention. Platform presentation at the 2015 Annual Meeting of the Pediatric Academic Societies. San Diego, CA, Apr 25-28, 2015.



Nickel S, Selo MA, Clerkin CG, Reynolds PR, Kato Y, Nakamichi N, Talbot BN, Walsh JJ, Ehrhardt C . OCTN1-mediated uptake of ergothioneine protects from tobacco smoke-induced oxidative damage. Presented at the 30<sup>th</sup> Annual Meeting of the Japanese Society for the Study of Xenobiotics. Tokyo, Japan, Nov 12-14, 2015.

Nickel S, Selo MA, Clerkin CG, Salomon JJ, Ortiz M, Richert E, Talbot BN, Walsh JJ, Ehrhardt C . Ergothioneine protects lung epithelial cells from tobacco smoke-induced oxidative damage. Presented at the 3<sup>rd</sup> COST BM1201 Conference on the Early Origins of Chronic Lung Disease. Stockholm, Sweden, May 15-16, 2015.

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**Book Chapters, etc., 2015**

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## **Presentations and Abstracts 2014**

Abeyrathna P, Su Y. Calpain mediates PDGF-induced Akt phosphorylation via TGFbeta1 in pulmonary artery smooth muscle cells. Presented at the Experimental Biology Meeting. San Diego, CA, Apr 26-30, 2014.

Alexis N, Wells H, Saini Y, Brighton L, Allbritton N, Muhlebach M. Application of isoraft cell isolation for analyses of pediatric BAL macrophages [abstract]. *J Allergy Clin Immunol* 2014;133(2)AB142.

Anathy V, Hoffman SM, Tully JE, Nolin JD, Lahue KG, Dixon AE, Irvin CG, Poynter ME. Endoplasmic reticulum stress mediates house dust mite-induced airway epithelial apoptosis and fibrosis. Presented at the 110<sup>th</sup> International Conference of the American Thoracic Society. San Diego, CA, May 16-21, 2014.

Andrews A, Nils S, Ojukwu E, Robinson M, Torok M, Wilson KM. Is secondhand smoke exposure associated with exacerbation severity among children hospitalized for asthma? Presented at the Pediatric Academic Societies' Annual Meeting. Vancouver, Canada, May 3-6, 2014.

Aravamudan B, Freeman MR, Thompson MA, Pabelick CM, Vassallo R, Prakash YS. Cigarette smoke-induced perturbations in mitochondrial dynamics correlate with altered energy metabolism in human airway smooth muscle. Presented at the 2014 American Thoracic Society International Conference. San Diego, CA, May 16-21, 2014.

Aravamudan B, Thompson MA, Vohra P, Sieck GC, Pabelick CM, Martin RJ, Prakash YS. Brain derived neurotrophic factor signaling mediates inflammation-induced remodeling in murine airway. Presented at the American Thoracic Society Meeting. San Diego, CA, May 16-21, 2014.

Arku R, Adamkiewicz G, Spengler JD, Levy DE. Seasonal variability in environmental tobacco smoke exposure in Boston Public Housing Developments. Presented at the Society for Research on Nicotine and Tobacco Meeting. Seattle, WA, Feb 5-7, 2014.

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Augustine S, Gu P, Zheng X, Nishida T, Fan ZH. Development of all-plastic microvalve array for multiplexed immunoassay [abstract]. *Proceedings of the ASME 2014 International Mechanical Engineering Congress and Exposition (IMECE2014-38154)*. Montreal, Quebec, Canada, Nov 8-13, 2014.

Basilico P, Cremona TP, Benarafa C. Cigarette smoke exposure induces systemic inflammation with an acute effect on myelopoiesis and lung bacterial clearance. Presented at the American Thoracic Society International Conference. San Diego, CA, May 16-21, 2014.



Basilico P, Cremona TP, Benarafa C. Increased myelopoiesis induced by cigarette smoke transiently improved the kinetics of lung bacterial clearance in mice. Presented at the European Respiratory Society – Lung Science Conference. Estoril, Portugal, Mar 21-23, 2014.

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Basilico P, Cremona TP, Benarafa C. Systemic inflammation induced by cigarette smoke exposure transiently increases myelopoiesis and lung bacterial clearance in serpinB1-/- mice. Presented at the 48th Annual Meeting of the European Society for Clinical Investigation. Utrecht, The Netherlands, Apr 30-May 3, 2014.

Basilico P, Oevermann A, Benarafa C. Secondhand cigarette smoke exposure induces lasting upper airway colonization and increases severity of otitis media after *S. pneumoniae* infection in mice. Presented at the European Respiratory Society – Lung Science Conference. Estoril, Portugal, Mar 21-23, 2014.

Boykan R, Messina CR, Erakat A. Implementation of an inpatient smoking cessation referral program: nursing staff's attitudes and barriers to change. Presented at the AAP National Conference & Exhibition. San Diego, CA, Oct 11-14, 2014.

Boykan R, Messina CR. A comparison of parents/caregivers of healthy vs. sick neonates: is there a difference in readiness and/or success in quitting smoking? Presented at the 2014 PAS/ASPR Joint Meeting. Vancouver, CA, May 3-6, 2014.

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Burg E, Ubags NDJ, Bement J, Hayes C, Wargo M, Poynter ME, Suratt BT. Obesity-associated neutrophil dysfunction. Presented at the 110<sup>th</sup> International Conference of the American Thoracic Society. San Diego, CA, May 16-21, 2014.

Burgess EJ, Boyson JE, Poynter ME. Marker or mediator? Discerning the function of serum amyloid A during inflammatory disease. Presented at the Northern New York Local Section of the American Chemical Society 5<sup>th</sup> Annual Undergraduate and Graduate Chemistry and Biology Research Symposium, SUNY. Plattsburgh, NY, Apr 26, 2014.

Bustillo A, Tannenbaum SL, Koru-Sengul T. *Staphylococcus aureus* nasal colonization in the United States: analysis of risk and protective factors from the National Health and Nutrition Examination Survey, 2001-2004. Presented at the APHA 152nd Annual Meeting & Expo. New Orleans, LA, Nov 15-19, 2014.

Cai S, Batra S, Xiao R, Penn A, Jeyaseelan S. Secondhand smoke exposure impairs host defense against gram-negative infection [abstract]. *Am J Respir Crit Care Med* 2014;A3165.

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Craig, V, Polverino F, Laucho-Contreras M, Shi Y, Liu Y, Osorio J, Tesfaigzi Y, Rosas I, Owen CA. Matrix Metalloproteinase-8 (MMP-8) Expression is increased in idiopathic pulmonary fibrosis (ipf) in lung macrophages and epithelial cells. Presented at the American Thoracic Society Meeting. San Diego, CA, May 16-21 2014.

Crane-Godreau MA, Payne P, Autonomic dis-regulation and conscious self-regulation; non pharmacological management of the autonomic nervous system. Presented at the Neurology Grand Rounds, Dartmouth Hitchcock Medical Center. Lebanon, NH, Jan 2014.

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Cummings, KM. 50-year Surgeon General Report. Presented at the APHA Annual Meeting. New Orleans, LA, Nov 2014.

Cummings, KM. 50-year Surgeon General Report. Presented at the ASCO Annual Meeting. Chicago, IL, May 2014.

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Di PY, Birru RL, Di ME, Liu Y. Cigarette smoke exposure, K-ras mutation, and inflammation in lung tumorigenesis [abstract]. Translational Research Cancer Centers Consortium (TRCCC), Seven Springs, PA, Feb 19-21, 2014.

Di PY. Cigarette smoke exposure, K-ras mutation, and inflammation in lung tumorigenesis. Presented at the Translational Research Cancer Centers Consortium (TRCCC). Seven Springs, PA, Feb 19-21, 2014.

Di PY. Effects of cigarette smoke on mucociliary clearance, lung microbiome, and respiratory infection. Presented at the 32nd Annual Meeting of the Mountain West Society of Toxicology. Tucson, AZ, Sep 4-5, 2014.

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Di PY. Pathogenesis of air pollution-associated lung diseases. Presented at the Department of Physiology, Medical College, Qingdao University, Qingdao, China, Jun 26, 2014.

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Ehrhardt C. Drug transporters in the lung. Presented at PhD Course on Biological Membranes, Drug Targets, and Absorption Barriers. Copenhagen, Denmark, Nov 21, 2014.

Ehrhardt C. *In vitro*, *ex vivo* and *in vivo* models of pulmonary drug disposition. Presented at the SF Nano Workshop on Tools and Models for Translation of Advanced Drug Delivery Systems. Porto, Portugal, Oct 3, 2014.

Ehrhardt C. Spielen Arzneistofftransporter im Lungenepithel eine biopharmazeutische Rolle? Presented at the Institut für Pharmazeutische Technologie. Technische Universität, Braunschweig, Germany, Jun 18, 2014.

Ehrhardt C. The many unknowns of pulmonary drug disposition. Presented at the Institut für Pharmazie, Freie Universität. Berlin, Germany, July 18, 2014.

Ehrhardt C. The physiology and pharmacology of drug transporters in the lung. Presented at the Institut für Physiologische Chemie, TU. Dresden, Medizinische Fakultät Carl Gustav Carus, Germany, Sep 24, 2014.

Ehrhardt C. Transporter-Effekte bei der Arzneistoffabsorption in der Lunge. Presented at Abteilung Pharmazeutische Technologie, Ruprecht-Karls-Universität. Heidelberg, Germany, Jul 22, 2014.

Ehrhardt C. Wo geht's lang? Wege der Arzneistoffabsorption in der Lunge. Presented at the Institut für Pharmazeutische Technologie und Biopharmazie, Philipps-Universität. Marburg, Germany, Sep 02, 2014.

Ellison JO, Batra S, Cai S, Baral P, Penn A, Jeyaseelan S. NLRP12 mediated regulation of inflammatory responses in the lungs during cigarette smoke exposure. Presented at Phi Zeta Research Emphasis Day, LSU School of Veterinary Medicine. Baton Rouge, LA, Sep 24, 2014.

Fan ZH. Microfluidic platforms for biomarker detection. Presented at the CSIRO Cutting Edge Symposium: Lab-on-a-chip sensing platforms - interfacing physics with chemistry and biology. Melbourne, Australia, Jul 17-18, 2014.

Farassati F. Targeting cancer stem cells with oncolytic viruses. Presented at the Institut Català d'Oncologia. Barcelona, Spain, Jun 2014.

Farassati F. Targeting head & neck cancer with oncolytic viruses. Presented at Yale University, Department of ENT. New Haven, CT, Jul 18, 2014.

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Forteza RM. The hyaluronan receptor layilin (LAYN) serves as the extracellular sensor linking radixin to the apical actin cytoskeleton in polarized airway epithelial cells. Presented at the American Thoracic Society Meeting. San Diego, CA, May 16-21, 2014.

Frank D. Clinical examination of tissue eosinophilia in patients with CRS and nasal polyposis. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting. Orlando, FL, Sep 21-24, 2014.

Frank DN. Baseline core microbiome predicts surgical success. Presented at the American Rhinologic Society Combined Society Meeting. Las Vegas, NV, May 14-18, 2014.

Frank DN. Sinus culture poorly predicts resident microbiota. Presented at the American Rhinologic Society Combined Society Meeting. Las Vegas, NV, May 14-18, 2014.

Frank DN. Sinus microbiome: What you need to know. Presented at the Western States Rhinology Course. Sonoma, CA, Oct 16, 2014.

Freeman MR, Sathish V, Thompson MA, Manlove LJ, Prakash YS, Pabelick CM. HDACs and caveolin-1 in aging airway smooth muscle [abstract]. *Am J Respir Crit Care Med* 2014;189;A6560.

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Garcia-Arcos I. LRP1 modulates lung metabolism and inflammation. Presented at the Lipoprotein Club Meeting, Tutzing, Germany, Sep 8-11, 2014.

Garcia-Arcos I. E-cigarette exposure induces pathological responses that result in lung tissue destruction and airway hyper reactivity in mice. Presented at the European Respiratory Society. Munich, Germany, Sep 6-10, 2014.

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Geraghty P. Protein tyrosine phosphatase 1B protects the lung during respiratory syncytial viral infection. Presented at the Briscoe Lung Club, Cornell University. New York, NY, Dec 4, 2014.

Ghosh M, Kwon JB, Nakachi I, Merrick, DT, Keith RL, Edwards MG, Franklin WA, Miller YE. Malfunction and mutation in airway stem/progenitor cells in bronchial dysplasia. Presented at the 13<sup>th</sup> Annual AACR International Conference on Frontiers in Cancer Prevention Research. New Orleans, LA, Sep 28-Oct 1, 2014.

Gorzowski J, Klein J, Harris D, Kaseeska K, Shaefer R, Bocian A, Wasserman M. MOC Part 4 and practice-based research: adding value in a competitive climate. Presented at the 2014 PAS/ASPR Joint Meeting. Vancouver, CA, May 3-6, 2014.

Gundel L, Martins-Green M, Jennifer Logue J, Winickoff JP. Thirdhand cigarette smoke: chemistry, exposure, toxicity, risk assessment and policy implications. Presented at the 2014 SRNT Annual Meeting. Washington, DC, Feb 5-8, 2014.

Henschke CI, Yip R, Smith JP, Liang M, Xu D, Yankelevitz DF. CT screening for lung cancer: the frequency of nonsolid nodules, rate of malignancy, and long-term survival in a large, long-term database. Presented at the Radiological Society of North America Scientific Session. Chicago, IL, Nov 30, 2014.

Holmes L, Ling PM. Alternative tobacco product use among young adult bar patrons: A six city study. Presented at the APHA 142<sup>nd</sup> Annual Meeting & Expo. New Orleans, LA, Nov 15-19, 2014.

Htwe Y, Cham MD, Yip R, Jirapatnakul AC, Yankelevitz DF, Henschke CI. Coronary artery calcification on low-dose computed tomography: comparison of Agatston and ordinal scores. Presented at the Radiological Society of North America Scientific Session. Chicago, IL, Dec 1, 2014.

Ivonnnet P, Conner GE, Unwalla HJ, Salathe M. Hydrogen peroxide mediated decreases in epithelial barrier function depend on multiple signaling pathways [abstract]. *Am J Respir Crit Care Med* 2014;189:A3426.

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Jaspers I. E-cigarettes: It's not just tobacco anymore. Presented at the Annual North Carolina Chapter of the Society of Toxicology, National Institute of Environmental Health Sciences. Research Triangle Park, NC, Oct 9, 2014.

Jaspers I. Environment and viral infections: a human model. Presented at the Gordon Research Conference: Biology of Acute Respiratory Infections. Lucca, Italy, Feb 23-28, 2014.

Jimenez FR, Belgique ST, Albright SA, Jones CM, Reynolds PR. Conditional pulmonary overexpression of Claudin 6 (Cldn6) during embryogenesis delays lung morphogenesis. Presented at the APS Comparative Physiology Conference. San Diego, CA, Oct 5-8, 2014.

Jimenez FR, Lewis JB, Belgique ST, Wood TT, Reynolds PR. Pulmonary expression and regulation of Cldn6 by tobacco smoke [abstract]. *FASEB J* 2014;28:834.3

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Kien CL, Bunn JY, Matthews DE, Fukagawa NK, Poynter ME, Crain KI, Ebenstein DB. Higher intake of palmitic acid (PA) leads to higher whole body PA balance, PA accumulation in skeletal muscle, but not incomplete beta-oxidation of PA. Presented

at the 74<sup>th</sup> Scientific Sessions of the American Diabetic Association. San Francisco, CA, Jun 13-17, 2014.

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Koru-Sengul T, Clark III JD. Analytical methods for analyzing biomarkers with limit of detection. Presented at the APHA 142<sup>nd</sup> Annual Meeting & Expo. New Orleans, LA, Nov 15-19, 2014.

Kovacs L, Rafikov R, Bagi Z, Black SM, Su Y. Regulation of calpain 2 by ERK-dependent phosphorylation in pulmonary arterial smooth muscle cells. Presented at the American Thoracic Society International Conference. San Diego, CA, May 16-21, 2014.

Kruse GR, Ives Erickson J, Rigotti NA. Implementation of a routine assessment of smoke free homes among hospitalized patients. Presented at the 2014 Annual Meeting of the Society for Research in Nicotine and Tobacco. Seattle, WA, Feb 5-8, 2014.

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Kwon JB, Keith RL, Merrick DT, Franklin WA, Miller YE, Ghosh M. Preinvasive bronchial dysplasia of human airways: Role of tissue stem cells. Presented at the Lung, Head and Neck Cancer Research Retreat, University of Colorado. Denver CO, 2014.

Laucho-Contreras M, Poverino F, Doyle-Eisele M, McDonald J, Wilder J, Divo M, Pinto-Plata V, Tesfaigzi Y; Celli B; Owen CA. Club-cell protein 16 (CC16) expression in airway epithelia is reduced in COPD patients, and non-human primates and mice exposed to cigarette smoke. Presented at the American Thoracic Society Meeting. San Diego, CA, May 16-21 2014.

Lechner EJ, Zhao Y, Hulver M, Xiong Z, Sayeed S, Yu MT, Ray P, Silverstein RL, Lee JS. The scavenger receptor CD36 enhances the early inflammatory response to intrapulmonary infection with *Klebsiella pneumoniae* [abstract]. Presented at the American Thoracic Society International Conference. San Diego, CA. May 16-21, 2014.

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Levy DE, Araujo AB, Adamkiewicz G, Winickoff JP, Rigotti NA. Changes in non-smoker's self-reported tobacco smoke exposure after a smoking ban in public housing: a natural experiment. Presented at the 2014 SRNT Annual Meeting. Washington, DC, Feb 5-8, 2014.

Liang M, Tang W, Xu D, Yip R, Jirapatnakul AC, Htwe Y, Yankelevitz DF, Henschke CI. Detection of missed lung cancers using computer-aided detection systems (CAD) in CT screening for lung cancer. Presented at the Radiological Society of North America Scientific Session. Chicago, IL, Nov. 30, 2014.

Liliang J, Cai S, Jeyaseelan S, Batra S. Lipid rafts influence NLR mediated immune responses against bacterial infections. Presented at the Innate Immunity Summit. London, UK, Nov 10-12, 2014.

Ling PM. Novel interventions to reduce smoking among young adults. Presented at University of Otago, Dunedin, Wellington, and Auckland. New Zealand, Jul 2014.

Ling PM. Tobacco marketing strategies targeting youth and young adults. Presented at the Alameda County Tobacco Control Coalition. Oakland, CA, Dec 2, 2014.

Ling, PM. Selling sin or sainthood? Reducing tobacco use among young adult bar patrons. Plenary speaker, 38th Annual AMERSA National Conference. San Francisco CA, Nov 6, 2014.

Liu Y, Kostakoglu L, Stempler L, Ktwe Y, Salvatore MM, Yankelevitz DF, Henschke CI. Predicting the metabolic activity of nonsolid nodules with low histologic grade lung cancer based on corrected SUV. Radiological Society of North America Scientific Session. Chicago, IL, Nov 30, 2014.

Madoka H, Chen G, Collaco J, McGrath-Morrow S. Effects of E-cigarette exposure on early postnatal alveolar development in neonatal mice. Presented at the PAS/ASPR Joint Meeting. Vancouver, British Columbia, Canada, May 3-6, 2014.

Madoka H, Chen G, Collaco J, McGrath-Morrow S. Effects of E-cigarette exposure on early postnatal alveolar development in neonatal mice. Presented at the American Thoracic Society Meeting. San Diego, CA, May 16-21, 2014.

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### **Presentations and Abstracts 2013**

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Cutting GR. Outcome determinants in CF: climate/environment. Presented at the European Cystic Fibrosis Society. Lisbon, Portugal, Jun 13, 2013.

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## **Presentations and Abstracts 2012**

Abcejo AJ, Sathish V, Aravamudan B, Meuchel L, Thompson MA, Pabelick C, Prakash YS. TrkB Mediated Brain-Derived Neurotrophic Factor (BDNF) Effects on human airway smooth muscle [abstract]. *Am J Respir Crit Care Med* 2012;185:A4142.

Abdullah AS, Hua F, Hurlburt S, Xia X, Bing Q, Qiming F, Siegel M. Predictors of household smoking restrictions in the urban chinese families with young children. Presented at the 18<sup>th</sup> Annual Society for Research on Nicotine and Tobacco Meeting. Houston, TX, Mar 12-16, 2012.

Abdullah AS, Hua F, Xia X, Hurlburt S, Bing Q, Yun W. Community health worker delivered SHS exposure reduction intervention in households of young children: a randomised controlled trial. Presented at the 18<sup>th</sup> Annual Society for Research on Nicotine and Tobacco Meeting. Houston, TX, Mar 12-16, 2012.

Al-Delaimy WK, Smith JR. Use of self-collected novel biomarkers to determine secondhand smoke in the population [abstract]. Presented at the 15<sup>th</sup> World Conference on tobacco or health (WCTOH) Singapore, Mar 20-24, 2012.

Aravamudan B, Thompson MA, Pabelick CM, Prakash YS, Sieck GC. Effects of cigarette smoke on airway smooth muscle mitochondrial morphology and dynamics. Presented at the American Thoracic Society International Conference. San Francisco, CA, May 18-23, 2012.

Avila-Tang E. Coalition-building for child and family health and tobacco control. Presented at the American Academy of Pediatrics, Pan American Health Organization, XVI Latin American Congress of Pediatrics, Cartagena de Indias, Colombia, Nov 14-18, 2012.

Avila-Tang E. How do we measure secondhand smoke? Presented at the 15<sup>th</sup> World Conference on Tobacco or Health, Singapore, Mar 2012.

Baños-Lara RM, Guerrero-Plata A. Critical role of MDA5 in the interferon response induced by human metapneumovirus infection in dendritic cells. Presented at Phi Zeta Research Emphasis Day, Louisiana State University. Baton Rouge, LA, Sep 27, 2012.

Baños-Lara RM, Guerrero-Plata A. Critical Role of MDA5 in the interferon response induced by human metapneumovirus infection in dendritic cells. Presented at the International RSV Symposium. Santa Fe, NM, Sep 27-30, 2012.

Baños-Lara RM, Guerrero-Plata A. Specific helicase activation in human dendritic cells by paramyxovirus infection. Keystone Symposia. Presented at Innate Immunity: Sensing the Microbes and Damage Signals. Keystone, CO, Mar 04-09, 2012.

Baños-Lara RM, Guerrero-Plata A. Specific helicase activation in human dendritic cells by paramyxovirus infection. Presented at the Gordon Research Conferences: Biology of Acute Respiratory Infection. Ventura, CA, Mar 11-16, 2012.

Barman SA, Su Y, Dimitropoulou C, Chen F, Orfi L, Santai-Kis C, Meadows ML, Fulton D. Effect of Nox4 inhibition on pulmonary hemodynamics and vascular remodeling

in monocrotaline-induced pulmonary hypertension. Presented at the American Thoracic Society International Conference. San Francisco, CA, May 19-23, 2012.

Barman SA, Su Y, Dimitropoulou C, Chen F, Orfi L, Santai-Kis C, Meadows ML, Fulton D. Effect of Nox4 inhibition on pulmonary hemodynamics and vascular remodeling in monocrotaline-induced pulmonary hypertension. Presented at the Keynote Symposium on Molecular and Cellular Biology. Monterey, CA, Sep 10-15, 2012.

Bassères D, Ebbs A, Cogswell PC, Levantini E, Baldwin A. The IKK $\alpha$  kinase is a potential therapeutic target in K-Ras-induced lung cancer [poster]. The American Association for Cancer Research Annual Meeting. Chicago, IL, Mar 31-Apr 4, 2012.

Boyer L, Hamdan O, Wang L, Kim B, Sussan T, Hassoun PM, Damico R, Macrophage migration inhibitor factor is a determinant of emphysema severity in response to cigarette smoke exposure [abstract]. *Am J Respir Crit Care Med* 2012;185:A2012.

Brown KC, Lau JK, Dom AM, Shiflett BS, Witte TR, Hardman WE, Luo H, Chen YC, Carpenter AB, Dasgupta P. The  $\alpha$ -7-nicotinic receptor antagonist induces robust apoptosis in human SCLC. Presented at the Experimental Biology Conference. San Diego, CA, Apr 21-25, 2012.

Bublitz MH, Borrelli B, Dunsiger S, Wagner T, Papandonatos GD, Niaura R, Salsibury A, Lester B, Stroud LR. Child sexual abuse history predicts greater weekly drinking and smoking over pregnancy. Presented at North American Society of Obstetrics and Gynecology. Providence, RI, Apr 22-25, 2012.

Carson JL, Bromberg PA, Brighton LE, Hazucha MJ. *In vitro* measurement of nitric oxide excretion by primary cultures of human airway epithelium [abstract]. International Conference American Thoracic Society; 2012;A4959.

Carson JL, Collier AM, Hazucha MJ. Inflammation and tight junction fragmentation In the nasal mucosa of active smokers [abstract]. International Conference American Thoracic Society. 2012;A1743.

Casey S, Qiao F, Williamson T, Gilkeson G, Tomlinson S, Atkinson C. Complement anaphylatoxins, C3a and C5a, enhanced pro-inflammatory cytokine production during cigarette smoke induced inflammation [abstract]. *Am J Resp Crit Care Med* 2012;183:A1296.

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Christoforou N, Chellappan M, Wu T, Adler A, Kirkton R, Chakraborty S, Bursac N, Leong KW. Engineering the reprogramming of human and mouse cells towards the cardiac cell lineage. Presented at the Keystone Symposia: Cardiac Development and Regeneration. Taos, NM, Jan 22-27, 2012.

Christoforou N, Chellappan M, Wu T, Adler A, Kirkton R, Chakraborty S, Bursac N, Leong KW. Engineering the reprogramming of human and mouse cells towards the cardiac cell lineage. Presented at the International Society for Stem Cell Research Annual Conference. Yokohama, Japan, Jun 13-16, 2012.

Chung SH, Makambi KH, Soldin OP. The association between tobacco smoke exposure, inflammation and hormones in women of reproductive age. Presented at the American Society of Preventive Oncology Meeting. Washington, DC, Mar 3-6, 2012.

Cohen S, Cham M, Patel U, Ward T, Xu D, Yankelevitz D, Henschke CI. Variability of CT technologist expertise and its significant impact on radiation dose [poster]. Radiological Society of North America. Chicago, IL, Nov 25-30, 2012.

Crabtree CM, Dom AM, Lau JK, Brown KC, Shiflett BS, Witte TR, Hardman WE, Dasgupta, P. Capsaicin induces apoptosis in human small cell lung cancer via the TRPV pathway. Presented at the Experimental Biology Conference. San Diego, CA, Apr 21-25, 2012.

Craig VJ, Owen CA. Matrix metalloproteinase-8 (MMP-8) has potent anti-inflammatory activities during bleomycin-mediated acute lung inflammation in mice [abstract]. *Proc Am Thor Soc* 2012;D29S.

Crane-Godreau MA, Payne P. Efficacy of meditative movement (Qigong) in cancer patients. Presented at the Hematologic Oncology Group, Dartmouth Hitchcock Medical Center. Lebanon, NH, Aug 2012.

Cremona TP, Benarafa C. Impact of cigarette smoke exposure on *Pseudomonas* clearance in *serpinB1*<sup>-/-</sup> mice. Presented at the European Respiratory Society Annual Congress. Vienna, Austria, Sep 1-5, 2012.

Cummings, KM. A Century of Cigarettes. Presented at the AACR Annual Meeting. Chicago, IL, Mar 2012.

Cummings, KM. A Century of Cigarettes. Presented at the ASCO Annual Meeting. Chicago, IL, Jun 2012.

Cummings, KM. A Century of Cigarettes. Presented at the ASPO Annual Meeting. Washington, DC, Mar 2012.

Cummings, KM. A Century of Cigarettes. Presented at the CTOH Annual Meeting. Kansas City, MO, Aug 2012.

Cummings, KM. A Century of Cigarettes. Presented at the Medical Association of the State of Alabama (MASA). Birmingham, AL, Apr 2012.

Cummings, KM. A Century of Cigarettes. Presented at the Medical University of South Carolina. Charleston, SC, Apr 2012.

Cummings, KM. A Century of Cigarettes. Presented at the OM; Reducing Tobacco-Related Cancer Incidence & Mortality. Washington, DC, Jun 2012.

Curtis CS, Earley TD, Robinson AB, Reynolds PR. Diesel particulate matter (DPM) induces receptor for advanced glycation end-products (RAGE) expression by pulmonary macrophages. Presented at the Experimental Biology Meeting, San Diego, CA, Apr. 21-25, 2012.

Cutting GR. Cystic fibrosis: Gene-environment interactions. Presented at the European Cystic Fibrosis Society. Dublin, Ireland, Jun 9, 2012.

Cutting GR. Role of climate in cystic fibrosis lung disease. Presented at the Johns Hopkins University Welch Center. Baltimore, MD, Nov 26, 2012.

Daffa, R, Kassem, N, Jackson, S, Wahlgren, D, Mehta, S, Kassem, NO, Hovell, M. Knowledge and attitudes towards hookah smoking among college students. Presented at San Diego State University Student Research Symposium, San Diego, CA, Mar 9-10, 2012.

Dasgupta P, Lau JK, Brown KC, Luo H, and Chen YC. Nicotine induces the up-regulation of alpha-7-nicotinic receptors (alpha7-nAChRs) in human squamous cell lung cancer cells via transcriptional mechanisms. Presented at the Experimental Biology Conference . San Diego, CA, Apr 21-25, 2012.

Davey JC, Wagner RJ, Jin Y, Rzucidlo EM, Hwa J, Rodeheffer M, Crane-Godreau M, Martin KA. Secondhand cigarette smoke-exposure dysregulates white and brown adipose tissue in young healthy female mice [abstract]. Cleveland Clinic Obesity Summit Meeting. Cleveland, OH, Oct 4-5, 2012.

Degar A, Pandit K, Kenche H, Perry Y, Kaminski N and Blumental-Perry A. Smoke-induced miRNA expression profiles of type II cells differ from total lung and macrophages [abstract]. *Am J Respir Crit Care Med* 2012;185;A2016.

Diekman BO, Christoforou N, Sun A, Leong KW, Guilak F. Chondrogenesis of induced pluripotent stem cells and selection of differentiated cells for tissue engineering. Presented at the Orthopaedic Research Society Annual Meeting. San Francisco, CA, Feb 4-7, 2012.

Diekman BO, Willard VP, Sanchez-Adams J, Sun H, Christoforou N, O'Connor S, Leong KW, Guilak F. Tissue engineered cartilage using induced pluripotent stem cells for *in vitro* modeling of osteoarthritis. Presented at the World iPS Cell Summit. Boston MA, Oct 31-Nov 1, 2012.

Dimitropoulou C, Meadows ML, Su Y, Litwin S, Catravas JD. Hsp90 inhibition prevents monocrotaline-induced pulmonary hypertension in rats, as revealed by high resolution echocardiography. Presented at the FASEB Experimental Biology Conference. San Diego, CA, Apr 21-25, 2012.

Dimitropoulou C, Meadows ML, Su Y, Litwin S. and Catravas JD. The hsp90 inhibitor, 17-AAG prevents the progression of monocrotaline-induced right ventricular hypertrophy and pulmonary arterial hypertension. Presented at the American Thoracic Society International Conference. San Francisco, CA, May 19-23, 2012.

Dolan BM, Colie CF, Makambi KH, Landy HJ, Laguinge LM, Soldin OP. Free thyroid hormone levels, second-hand smoke, and pregnancy outcomes. Presented at the OTIS/Teratology Society 52nd Annual Meeting. Baltimore, MD, Jun 23-27, 2012.

Dolan BM, Gusev Y, Soldin OP. Differential expression of micro-RNAs in thyroid cancers. Presented at the Lombardi Comprehensive Cancer Center Research Day, Georgetown University. Washington, DC, Mar 2, 2012.

Dom AM, Brown KC, Lau JK, Witte TR, Hardman WE, Luo H, Chen YC, Dasgupta P. MG624, an alpha 7-nicotinic receptor antagonist inhibits angiogenesis in human

small cell lung cancer. Presented at the Experimental Biology Conference. San Diego, CA, Apr 21-25, 2012.

Etzel R, Ruchton F, Klein J. Protecting children and families from tobacco: leadership training. Presented at the pre-conference workshop at the 14th Annual Asia Pacific Congress of Pediatrics. Sarawak, Malaysia, Sep 8, 2012.

Fan ZH. Microfluidics-enabled analyzer for detecting secondhand smoke exposure. Presented at the 5th Symposium of Science, Engineering and Biomedicine. Sarasota, FL, Aug 31-Sep 3, 2012.

Farassati F. Targeting ovarian cancer with oncolytic viruses. Presented at the University of Pennsylvania, Ovarian Cancer Research Center. Philadelphia, PA, May 2012.

Farassati F. Therapeutic intervention with Ras signaling pathway in treatment of human cancers. Presented at the University of Hawaii Cancer Center. Honolulu, HI, Aug 13-14, 2012.

Farber H, Ralston S. Protecting children and families from tobacco: leadership training. Presented at the 2012 Latin American Association of Pediatrics Congress. Cartagena, Colombia, Nov 14, 2012.

Franklin CC, Fritz KS, Backos DS, Petersen DR, Reigan P. Posttranslational modification and regulation of glutamate cysteine ligase by S-glutathionylation. Presented at the 51th Annual Meeting of the Society of Toxicology. San Francisco, CA, Mar 11-15, 2012.

Franklin CC, Poerschke RL, Fritz KS, Backos DS, Petersen DR, Reigan P. Post-translational modification and regulation of glutamate cysteine ligase by S-glutathionylation. Presented at the 51th Annual Meeting of the Society of Toxicology. San Francisco, CA, Mar 11-15, 2012.

Friedman L, Gottlieb M, Daynard R. Tobacco industry use of personal responsibility rhetoric in Florida. Presented at the National Conference on Tobacco or Health. Kansas City, MO, Aug 15-17, 2012.

Fu C, Gerber S, Van Den Berg S, Van Der Zwan A, Steenwinkel F, Kant H, Moriarty WF, Keizman D, Marchionni L, Netto GJ, Carducci MA, Kachhap S and Hammers H. Epithelial mesenchymal transition: a mechanism of resistance to VEGF pathway inhibition in genitourinary cancers [abstract]. American Association for Cancer Research. Chicago, IL, Mar 31-Apr 4, 2012.

Gally F, Kosmider B, Weaver MR, Pate KM, Hartshorn KL, Oberley-Deegan RE. FABP5 deficiency enhances susceptibility to H1N1 influenza A virus-induced inflammation. Presented at the Society for Free Radical Biology & Medicine. San Diego, CA, Nov 14-18, 2012.

Gottlieb M, Daynard R. Non-Addictive Cigarettes: A regulatory pathway to a smoke-free society. Presented at the National Conference on Tobacco or Health. Kansas City, MO, Aug 15-17 2012.

Grana R, Ling PM. E-cigarettes and quitting behavior among bar-going young adult smokers of California. Presented at the American Public Health Association Annual Meeting. San Francisco, CA, Oct 27-31, 2012.

Groner J. Childhood antecedents of adult heart disease – tobacco smoke exposure and obesity. Presented at the 53rd Annual Meeting of the Midwest Society for Pediatric Research. Columbus OH, Oct 5, 2012.

Hahn EJ, Rayens MK, Frazier S, Mannino D, Adkins S, Hopkins E. Fewer hospitalizations for chronic obstructive pulmonary disease in communities with smoke-free public policies. Presented at the Southern Nursing Research Society. New Orleans, LA, Feb 22-25 2012.

Hammers H, Fu C, Gerber S, Van Den Berg S, van der Zwan A, Steenwinkel F, Moriarty W, Keizman D, Kachhap S, Carducci M. Epithelial-Mesenchymal-Transition: A mechanism of resistance to VEGF pathway inhibition in genitourinary cancers. [abstract] Presented at the American Society of Clinical Oncology Conference. Chicago IL, Jun 1-5 2012.

Harutyunyan A, Movsisyan NK, Petrosyan V, Petrosyan D. Reduced secondhand smoke exposure in homes, Armenia, 2010. Presented at the 5th European Public Health Conference. Malta, Nov 8-11, 2012.

Hecht S, Breyse P, Travers M, Avila Tang, Erika Hepp L. Assessment of secondhand smoke workshop: learning from the experts - what works best & why. Presented at the 15<sup>th</sup> World Conference on Tobacco or Health, Singapore, Mar 20-24, 2012.

Henschke C. Curability vs. mortality in screening. Presented at the Society of Thoracic Radiology. Mar 12, 2012.

Houston T, Shaefer R, and Klein J. Physicians as active members in the tobacco control movement. Presented at the National Conference on Tobacco or Health. Kansas City, MO, Aug 15-17, 2012.

Huang CH, Van Veldhuizen PJ, Gadashova A, Williamson SK, Farassati F. Docetaxel followed by temsirolimus in suppression of mTOR pathway [abstract]. *J Clin Oncol* 2012;30:suppl13535.

Hylland AJ. Attitudes, experiences, and acceptance of smoke-free policies in multi-unit housing establishments: A national study of multi-unit housing operators and residents. Presented at the University of California, San Francisco. San Francisco, CA, Jan 13, 2012.

Jiang N, Lee YO, Ling PM. Co-use of alcohol and tobacco among young adult social smokers. Presented at the American Public Health Association Annual Meeting. San Francisco, CA, Oct 27-31, 2012.

Jiang N, Ling PM. Co-use of tobacco and alcohol and quit attempts among young adult bar patrons. Tobacco Related Diseases Research Program Conference. Sacramento CA, Apr 10-12, 2012.

Jiang N, Ling PM. Does tobacco marketing promote co-use of tobacco and alcohol and undermine quit attempts? Presented at the American Public Health Association Annual Meeting. San Francisco, CA, Oct 27-31, 2012.

Jin Y, An C, Liang X, Ifedigbo E, Choi AMK. Cyr61 Is a novel regulator in the pathogenesis of cigarette smoking induced emphysema [abstract]. American Thoracic Society, International Conference, San Francisco, CA, May 18-23, 2012.

Jones MR, Apelberg BJ, Samet JM, Navas- Acien A. Race/ethnicity, menthol cigarettes and biomarkers of tobacco use in US adults. Presented at the International Society for Environmental Epidemiology 24th Conference. Columbia, SC, Aug 26-30,2012.

Juergens RA. Targeting epigenetic changes in non-small cell lung cancer. PhD Dissertation in the Graduate Training Program in Clinical Investigation at the Johns Hopkins University Bloomberg School of Public Health. Baltimore, MD, Apr 2012.

Kalkhoran S, Ling PM. Secondhand smoke exposure and association with smoking behavior among young adults in bars. Presented at the Society for General Internal Medicine Annual Meeting. Orlando, FL, May 9-12, 2012.

Kassem N, Jackson S, Liles S, Kassem N, Hovel, M. Popularity of hookah lounges among college students San Diego, California. Presented at the American Public Health Association 140th annual meeting and Expo, Prevention and Wellness across the Life Span. San Francisco, California, Oct 27-31, 2012.

Kells M. Smoking cessation and second-hand smoke counseling reduction for parents of hospitalized pediatric patients. Presented at Division of Adolescent Medicine, Children's Hospital. Boston, MA, Jan 2012 (Laboratory of Alan Geller).

Kenche H, Brown JA, and Blumental-Perry A. One time cigarette smoking (CS) results in oxidation of protein disulfide isomerase (PDI) and induction of unfolded protein response (UPR) [abstract]. *Am J Respir Crit Care Med* 2012;185:A1262.

Kenche H, Vedagiri K, Baty CJ, Shapiro SD and Blumental-Perry A. Cigarette smoking affects oxidative protein folding by modifying protein disulphide isomerase. Presented at the FASEB Summer Conferences: Protein folding in the cells, Saxtons River, VT, Jul 29-Aug 3, 2012.

Kim B, Serebreni L, Wang L, Hassoun PM, Damico RL. Upstream mediators of p53 in cigarette smoke induced endothelial apoptosis [abstract]. *Am J Respir Crit Care Med* 2012;185:A4822.

Kondrikov D, Su Y. Increased Association of eNOS with beta-actin is responsible for peroxynitrite production, apoptosis, and disruption of monolayer integrity of hyperoxic pulmonary artery endothelial cells. Presented at the American Thoracic Society International Conference, San Francisco, CA. May 19-23, 2012.

Koru Sengul T, Clark JD 3d, Ocasio MA, Fleming LE, Lee DJ. Survey of commonly used analytical methods for analyzing biomarkers with limit of detection [abstract]. 3rd International Conference on Clinical Trials. Aug 2012; 9:474.



Koru-Sengul T, Clark III JD, Ocasio MA, Fleming LE, Lee DJ. Analytical methods for analyzing biomarkers with limit of detection. 13th Annual Cancer Research Zubrod Poster Session, Sylvester Comprehensive Cancer Center, Miller School of Medicine, University of Miami, Miami, Florida, May 18, 2012.

Koru-Sengul T, Clark III JD, Ocasio MA, Fleming LE, Lee DJ. Reverse Kaplan-Meier method for analyzing biomarkers with limit of detection. Presented at the Eastern North American Region (ENAR) of International Biometric Society Spring Meeting, Washington, DC, Apr 1-4, 2012.

Koru-Sengul T, Clark III JD, Ocasio MA, Fleming LE, Lee DJ. Survey of commonly used analytical methods for analyzing biomarkers with limit of detection. Presented at the Society of Clinical Trials Annual Meeting, Miami, Florida, May 20-23, 2012.

Kosmider B, Messier E, Chu HW, Mason RJ. Expression of Nrf2-modulated genes to cigarette smoke. Presented at the Medicine Office of Research Retreat, National Jewish Health. Denver, CO, 2012.

Kosmider B, Messier E, Chu HW, Mason RJ. Expression of Nrf2-regulated genes and apoptosis in response to cigarette smoke. *Proc Am Thorac Soc* 2012;9(2):81.

Kosmider B, Messier E, Chu HW, Mason RJ. Nrf2 protects human and mouse alveolar epithelial cells against injury by cigarette smoke. Presented at the 51st Annual Meeting and ToxExpo of the Society of Toxicology. San Francisco, CA, Mar 11-15, 2012.

Kosmider B. Human alveolar type II cell injury by cigarette smoke. Presented at the FAMRI site visit, National Jewish Health. Denver, CO, Aug 8, 2012.

Kosmider B. Isolation and purification of mouse alveolar type II cells. Presented at National Jewish Health, Denver, CO, Oct 3, 2012.

Kruse L, Knudsen SHM, Edvinsson L. Effects of second-hand smoking on pulmonary vascular morphology and contractility in a knock-out model of COPD. Presented at Copenhagen University Hospital at Glostrup, Copenhagen, Denmark, Oct 3, 2012.

Kulkarni R, Antala S, Wang A, Amaral FA, Rampersaud R, Ratner AJ. Cigarette smoke induces biofilm formation in *Staphylococcus aureus*. Presented at the American Society for Microbiology Annual Meeting. San Francisco, CA, Jun 16-19, 2012.

Laguine LM, Colie CF, Makambi KH, Landy HJ, Soldin OP. Are changes in steroid hormones associated with smoke exposure responsible for pregnancy outcome? OTIS/Teratology Society 52nd Annual Meeting, Baltimore, MD, Jun 23-27, 2012.

Lau JK, Brown KC, Crabtree CM, Dom AM, Buckley AW, Harman JC, and Dasgupta P. Tobacco components activate the acetylcholine signaling pathway in bronchioalveolar carcinoma. Presented at the Experimental Biology Conference. San Diego, CA, Apr 21-25, 2012.

Lee C, Townsend E, Aravamudan B, Sathish V, Thompson MA, Pabelick C, Prakash YS. Mechanisms underlying estrogen effects on airway smooth muscle proliferation [abstract]. *Am J Respir Crit Care Med* 2012;185:A6686.

Levantini E. C/EBP alpha acts as tumor suppressor in lung by inhibiting the proto-oncogene Bmi-1. Presented at the Lung Cancer Research Meeting – Dana Farber/Harvard Cancer Stem Cell. Boston, MA, Jun 20, 2012.

Levantini E. C/EBP alpha in respiratory airways. Presented at the Consiglio Nazionale delle Ricerche. Pisa, Italy, Mar 27, 2012.

Levantini E. Out of the ashes. A research career soars with Flight Attendant's Funding. Giving matters. Presented at the Beth Israel Deaconess Medical Center. 2012.

Levy DE. A pilot study of secondhand smoke exposure in Boston public housing. Presented at the Society for Research on Nicotine and Tobacco Annual Meeting, Houston TX, Mar 13-16, 2012.

Lewis L, Huang H, Schanbacher B, Kuck J, Eastman N, Hoffman RP, Bauer JA. Oxidative stress in youth and adolescents exposed to secondhand smoke. Presented at the 53<sup>rd</sup> Annual Scientific Meeting, Midwest Society for Pediatric Research, Columbus OH, Oct. 4-5, 2012.

Licht AS, King BA, Travers MJ, Rivard C, Hyland AJ. Attitudes, experiences, and acceptance of smoke-free policies in multiunit housing establishments: A national study of multiunit housing operators and residents. Presented at the Meeting of the Society for Research on Nicotine and Tobacco (SRNT). Houston, TX, Mar 13-16, 2012.

Ling, PM, Jordan, J, Neilands TB, Glantz SA. Sustaining reduced smoking among young adults in bars. Presented at the World Conference on Tobacco or Health. Singapore, Mar 20-24, 2012.

Los FCO, Ratner AJ. The role of orphan nuclear receptor NR4A1 in defense against bacterial pore-forming toxins. Presented at the American Society for Cell Biology Annual Meeting. San Francisco, CA, Dec 15-19, 2012.

Lu X, Makambi KH, O'Mara D, Soldin OP. The association between genetic polymorphisms (SNPS), serum TSH, and thyroid hormone levels among smokers, secondhand smokers, and nonsmokers [abstract]. American Thyroid Association Annual Meeting, Quebec City, Canada, Sep 19-23, 2012.

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## **Presentations and Abstracts 2010**

Abdullah AS, Hua F, Xia X, Ng P, Bing Q, Hryvniak P, Hurlburt S, Yun W, Macleod W, Simon J, Siegel M. Household smoking restrictions and SHS exposure among urban Chinese families with young children: A preliminary analysis. Presented at the 16th Annual Society for Research on Nicotine and Tobacco Meeting. Baltimore, MD, Feb 24-27, 2010.

Abdullah AS, Hua F, Xia X, Ng P, Bing Q, Hryvniak P, Hurlburt S, Yun W, Macleod W, Simon J, Siegel M. Establishing and enforcing household smoking bans in Chinese families: A qualitative study. Presented at the 16th Annual Society for Research on Nicotine and Tobacco Meeting. Baltimore, MD, Feb 24-27, 2010.

Alpert HR, Kabir Z, Bennett K, Connolly GN. Temporal trends in second hand tobacco smoke exposure and otitis media diagnoses among U.S. children [abstract]. The Fifteenth Annual Meeting of Society for Research on Nicotine and Tobacco. Baltimore, MD, Feb 24-27, 2010.

An CH, Smith LA, Choi AMK, Haley KJ. Prenatal tobacco exposure and abnormalities in postnatal autophagy-associated proteins [abstract]. American Thoracic Society International Conference. New Orleans, LA, May 14-19, 2010.

Apollonio DE, Bero LA. The role of conflicts of interest in developing popular understanding of public health risks and the desire for political change. Presented at the Western Political Science Association Annual Meeting. San Francisco, CA, Apr 1-3, 2010.

Arvizu M, Barnoya J, Hernandez JC, Navas-Acien A. Secondhand tobacco smoke in bars and restaurants in Guatemala: Before and after indoor smoking ban evaluation. Presented at the American Association for Cancer Research. Washington, DC, Apr 17-21, 2010.

Avila-Tang E. Exposure to secondhand smoke in public places and homes, globally and in Venezuela, and its health effects. Presented at the XLIII Venezuelan Congress of Cardiology. Caracas, Venezuela, 2010.

Avila-Tang E. Moving smoke-free forward in Latin America. Presented at the 2010 Asia Pacific Conference on Tobacco or Health. Sydney, Australia, Oct 6-9, 2010.

Avila-Tang E. Review of the regional and global evidence of environmental tobacco smoke or secondhand smoke exposure. Presented at the XLIII Venezuelan Congress of Cardiology. Caracas, Venezuela, 2010.

Azbell C, Woodworth BA. Sinupret activation of epithelial chloride transport. Presented at the Medical Student Research Competition, University of Alabama at Birmingham School of Medicine. Birmingham, AL, Oct 26, 2010.

Azbell C, Zhang S, Skinner D, Sorscher E, Woodworth BA. Hesperidin stimulates C1-secretion and CBF. Presented at the AAO-HNSF Annual Meeting. Boston, MA, Sep 26-29, 2010.

Bam TS. Measuring SHS exposure in public places in Bogor, Indonesia in support of policy development and implementation (Indonesia). Presented at the 2010 Asia Pacific Conference on Tobacco or Health. Sydney, Australia, Oct 6-9, 2010.

Bassères DS. Role of p65/RelA in K-Ras-induced lung tumorigenesis. Presented at the Keystone Symposium: NF-kappa B in Inflammation and Disease (A1). Santa Fe, NM, Jan 5-10, 2010.

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Berg CJ, Hayes RB, Ling PM, Nollen N, Choi WS, Murtha E, Ahluwalia JS. Correlates of nondaily smoking among young adults. Presented at the 2010 Annual Meeting of the European Society for Research on Nicotine and Tobacco. Bath, UK, Sep 6-9, 2010.

Best D, Perry DC, Figueroa D, Green EM, Campbell MN, Smith JH, Miodovnik M. What's the best question: Screening pregnant women for secondhand smoke (SHS) exposure. Presented at the Society for Research on Nicotine and Tobacco 2010 Annual Meeting. Baltimore, MD, Feb 24-27, 2010.

Best D, Tanski SE, McMillen RC, Winickoff JP, Klein JD. Attitudes about exposing pregnant women to tobacco smoke. Presented at Pediatric Academic Societies' Meeting. Vancouver, BC, Canada, May 1-4, 2010.

Best D. Evidence-based policy: Using science to change the world. Presented at the Mid-Atlantic Pediatric Environmental Health Specialty Unit. Washington, DC, Sep 24, 2010.

Best D. Tobacco smoke, asthma and children. Presented at the Smoke Free Project, Children's National Medical Center. Washington, DC, Nov 12, 2010.

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Carson JL, Zariwala M, Knowles MR. Human ciliopathies: From ponds and tidal pools, to the laboratory, to the bedside. Presented at the Symposium on Imaging of Cytoskeletal Dynamics and Abnormalities in Disease, Microscopy Society of America. Portland, OR, Aug 1-5, 2010.

Carson JL. Human ciliopathies: The first 100 years. Presented at the New England Society of Allergy Annual Fall Meeting. Woodstock, VT, Oct 23, 2010.

Carson JL. Primary ciliary dyskinesia. Presented at the New England Society of Allergy Annual Fall Meeting. Woodstock, VT, Oct 24, 2010.

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Christoforou N. Coaxing stem cells into a highly functional cardiac tissue. Presented at the 6th Annual Stem Cell Research and Therapeutics Conference (GTCbio). Boston, MA, May 27-28, 2010.

Christoforou N. Deriving an ideal cell source for cardiac cell-based therapies through primary cell reprogramming. Presented at the University of Pennsylvania, Institute for Regenerative Medicine. Philadelphia, PA, Jan 27, 2010.

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Colson E, Von Kohorn I. Smoking cessation in the postpartum period. Presented at the Pediatric Academic Societies' Meeting. Vancouver, BC, Canada, May 1-4, 2010.

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Crane-Godreau M. COPD-like disease in the vitamin D deficient cigarette-smoke-exposed FVB mouse: Probing the merits of a new model system. Presented at the Dartmouth Medical School Respiratory Physiology Group Meeting. Hanover, NH, Apr 16, 2010.

Crane-Godreau M. Vitamin D deficiency and second hand smoke induce COPD-like disease in the mouse. Presented at the University of Vermont College of Medicine Environmental Pathology Seminar Series. Burlington, VT, Oct 2010.

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Cutting GR. Ambient temperature associated with variation in cystic fibrosis lung disease. Presented at the North American Cystic Fibrosis Conference. Anaheim, CA, Oct 21-23, 2010.

Cutting GR. Pursuing genetic and environmental modifiers in cystic fibrosis. Presented at the European Respiratory Society Lung Science Conference. Estoril, Portugal, Mar 26-28, 2010.

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Damico RL, Simms T, Kim B, Tekeste Z, Amankwan H, Damarla M, Hassoun PM. p53 mediates cigarette smoke induced apoptosis of pulmonary endothelial cells: inhibitory effects of macrophage migration inhibitory factor. Presented at the American Thoracic Society International Conference. New Orleans, LA, May 14-19, 2010.

Damico RL. Apoptosis and pulmonary pathobiology. Presented at the Division of Pulmonary and Critical Care Medicine, Brown University Medical School, Providence, RI, 2010.

Das SK. Soy and breast cancer. Presented at the 37th National Conference of Association of Clinical Biochemists of India. Mumbai, India, Dec 11-15, 2010.

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Presented at the 2010 APHA Annual Meeting and Exposition. Denver, CO, Nov 6-10, 2010.

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Etzel R. Workshop on children's health and the environment [workshop]. Presented at International Pediatric Association (IPA) 2010 Meeting. Johannesburg, South Africa, Aug 4-9, 2010.

Etzel RA, Bhave S, Klein JD, leRoux H, Winickoff JP, Lando HA. Pediatric tobacco control: Global opportunities to improve the health of children and youth. Presented at the Pediatric Academic Societies' Meeting. Vancouver, BC, Canada, May 1-4, 2010.

Fabry D, Lee DJ. Smoking and hearing loss: The impact of second-hand smoke exposure. AudiologyNOW! 90 minute Learning Module. Presented at the Annual American Academy of Audiology Conference. San Diego, CA, Apr 2010.

Farassati F. Characterization and identification of CSCs in MPNST. Presented at the Children Tumor Foundation Annual Meeting. Baltimore, MD, 2010.

Farassati F. Mesothelin: A novel target for treatment of mesothelioma. Presented at the Mesothelioma Applied Research Foundation Annual Meeting. Washington, DC, 2010.

Farassati F. Signal-smart oncolytic virus for targeting prostate cancer. Presented at the Nevada Cancer Institute, Prostate Cancer Research Core. Las Vegas, NV, 2010.

Farassati F. Overactivation of Ral pathway in medulloblastoma. Presented at the Society of Neuro-oncology Annual Meeting. Montreal, Canada, 2010.

Farassati F. Overactivation of Ras in cancer stem cells. Presented at the 6th Annual Stem Cell Conference. Boston, MA, 2010.

Farassati F. Targeting cancer stem cells. Presented at the World Conference on Neurotechnology (WCNT). Rome, Italy, Oct 14-20, 2010.

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hypertension [abstract]. The North American Vascular Biology Meeting. Los Angeles, CA, Jun 20-24, 2010.

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Gottlieb MA, Davidson P, Daynard RA. Acting on FDA's authority to limit nicotine in smoked tobacco products: is it a viable pathway to a smoke-free society? Presented at the 138th APHA Annual Meeting. Denver, CO, Nov 6-10, 2010.

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Hahn A, Groner J, Eaton A. Target Tobacco – A quality improvement project at Nationwide Children's Hospital. Presented at the Celebration of Educational Scholarship' at the Ohio State University College of Medicine, Center for Education and Scholarship. Columbus, OH, Nov 17, 2010.

Hammond SK. Hospitality workers' exposure to secondhand smoke from 2006 to 2008 in Beijing, China. Presented at the 4th International Conference on the History of Occupational and Environmental Health. San Francisco, CA, Jun 20, 2010.

Han W, Su Y. Tobacco smoke exposure causes nitrosylation of calpain and impairment of bronchial epithelial repair in cell culture and murine models. Presented at the American Thoracic Society International Conference. New Orleans, LA, May 15-20, 2010.

Hatch N, Woodworth BA. Resveratrol has salutary effects on sinonasal epithelium. Presented at the Medical Student Research Competition, UAB School of Medicine. Birmingham, AL, Oct 26, 2010.

Hazra S. Modulation of prostaglandin E2 by statins in human bronchial epithelial cells harboring K-ras mutation: The potential advantage of combination of drugs in lung cancer chemoprevention. Presented at the AACR Frontiers in Cancer Prevention Research Proceedings. Philadelphia, PA, Nov 7-10, 2010.

Hazra S. The role of micro RNA 125a-3P in the pathogenesis of lung cancer [abstract]. AACR-IASLC Joint Conference, San Diego, CA, Jan 11-14, 2010.

He J, Turino GM, Lin YY. Elastase derived peptides in chronic obstructive pulmonary disease (COPD). Presented at the 5th International Peptide Symposium. Kyoto, Japan, Dec 4-9, 2010.

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Höti N. Improving replication kinetics by using a single shRNA p21/Waf-1 construct in backbone of prostate specific CRAd. Presented at the American Association for Cancer Research 2010 Meeting. Washington, DC, Apr 17-21, 2010.

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Hrovat MI, Muradyan I, Frederick E, Butler JP, Hatabu H, Patz S. Theoretical model for XTC (xenon transfer contrast) experiments with hyperpolarized <sup>129</sup>Xe. Presented at the 18th International Society for Magnetic Resonance in Medicine Annual Meeting. Stockholm, Sweden, May 1-7, 2010.

Huq, SM. Measuring SHS exposure in public places in Dhaka, Bangladesh in support of policy development and implementation (Bangladesh). Presented at the 2010 Asia Pacific Conference on Tobacco or Health. Sydney, Australia, Oct 6-9 2010.

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Jaspers I. Translational research approaches to investigate the effects of smoking on influenza infections. Presented at the Translational Medicine Symposium, University of North Carolina at Chapel Hill. Chapel Hill, NC, Apr 2010.

Jaspers I. How smoking may affect your ability to fight influenza. Presented at the University of North Carolina at Chapel Hill Pathology Grand Rounds. Chapel Hill, NC, Jan 2010.

Ji S, Feng W, Hua P, Jaimes EA. Nicotine induced fibronectin production in mesangial cells: Role of glucose, Akt and ERK. Presented at the AHA High Blood Pressure Research Scientific Sessions. Washington, DC, Oct 13-16, 2010.

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Jie Y. Measuring SHS exposure in public places in Chong Qing City, China in support of policy development and implementation (PR China). Presented at the 2010 Asia Pacific Conference on Tobacco or Health. Sydney, Australia, Oct 6-9, 2010.

Kamat A. Optimizing responses to *Bacillus Calmette Guérin* for non-muscle invasive bladder cancer: Role of inflammation and cytokine biomarkers. Presented at the America Society of Clinical Oncology Genitourinary Cancers Symposium. San Francisco, CA, Mar 5-7, 2010.

Kamat A. Prospective clinical trial to evaluate markers of response to intravesical therapy for bladder cancer: preliminary results of FISH data. Presented at the American Urological Association National Annual Meeting. San Francisco, CA, May 29-Jun 3, 2010.

Karam JA, Shah JB, Kader AK, Svatek RS, Guo C, Grossman HB, Munsell M, Katz R, Dinney CP, Kamat AM. Prospective trial to identify optimal bladder cancer surveillance protocol: Reducing costs while maximizing sensitivity. Presented at the 2010 Genitourinary Cancers Symposium. San Francisco, CA, Mar 6, 2010.

Karhadkar SS, Knabel M, Torbenson M, Warren D, Cameron A. A critical role for miR-29 in modulating liver injury repair and cirrhosis. Presented at the American Transplant Congress. San Diego, CA, May 2-5, 2010.

Karhadkar SS, Knabel M, Torbenson M, Warren D, Cameron A. A critical role for microRNAs in modulating liver injury repair and cirrhosis. Presented at the Baltimore Academy of Surgery. Baltimore, MD, 2010.

Karhadkar SS, Rovira M, Scott SO, Bailey JM, Leach SD, Wolfgang CW. A novel explants culture system for *in vitro* study of murine pancreatic neoplasia. Presented at the Society for Surgery of the Alimentary Tract Annual Meeting. New Orleans, LA, May 1-5, 2010.

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Kelliher C, Engler C, Vij N, Speck C, Mazur S, Jun AS. Cellular and biochemical analyses of alpha 2 collagen VIII mutations causing fuchs endothelial dystrophy. Presented at the Association for Research in Vision and Ophthalmology Conference. Fort Lauderdale, FL, May 2-6, 2010.

King BA, Cummings KM, Mahoney MC, Billoni AG, Hyland AJ. Evaluation of an intervention to enhance interest in smoke-free policies among multi-unit housing operators. Presented at the 2010 Conference of the Society for Research on Nicotine and Tobacco (SRNT). Baltimore, MD, Feb 24-27, 2010.

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### **Presentations and Abstracts 2009**

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## **Presentations and Abstracts 2008**

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## **Presentations and Abstracts 2007**

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