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Publications 2014


regulation of reprogramming human fibroblasts to induced pluripotent stem cells. *Stem Cells Dev* 2014;23(5):443-456.


Hsieh SJ, Zhuo H, Benowitz NL, Thompson BT, Liu KD, Matthay MA, Calfee CS; National Heart, Lung, and Blood Institute Acute Respiratory Distress Syndrome Network; National Heart, Lung, and Blood Institute Acute Respiratory Distress


Naderi N, McCurdy MT, Reed RM. Bone resorption in parathyroid carcinoma. *BMJ Case Rep* [Epub 2014 May 20].


Reed RM, Eberlein M. Sizing considerations in lobar lung transplantation. *Transpl Int* [Epub 2014 Jun 30].


validation of their contribution to risk of ARDS. *Am J Respir Cell Mol Biol* [Epub 2014 Mar 11].


Presentations and Abstracts 2014


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.


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

Kondrikov D, Su Y. Increased expression of heat-shock protein 70 protects against hyperoxia-induced apoptosis and disruption of endothelial barrier integrity. Presented at


Rosen L, Myers V, Braun N, Ram A, Rosenblat S, Tzur Y, Zucker D, Guttman N. Biomarker testing of young Israeli children for tobacco smoke exposure: Results from a Pilot Study. Presented at the Tel Aviv University Medical Faculty Research Fair. Tel Aviv, Israel. Apr 2014.

Rosen L, Tillinger E, Braun N. An intervention to reduce child exposure to tobacco smoke. Presented at the Tel Aviv University School of Public Health. Tel Aviv, Israel, Mar 2014.

Rosen L, Tillinger E, Rosenblat S, Guttman N, Zucker D, Rubinstein U, Rosenblum J, Tchernokovski S, Aprimov D, Myers V. Ignorance may be bliss, but knowledge is reassuring: Parental receptivity to child biomarker testing for tobacco smoke exposure. Presented at the Tel Aviv University Medical Faculty Research Fair. Tel Aviv, Israel, Apr 2014.


Wood TT, Winden DR, Barton DB, Betteridge BC, Marlor DR, Wright AJ, Jones CM, Chavarria M, Rogers GD, Reynolds PR. Targeted mice reveal a role for RAGE in an early inflammatory response to tobacco smoke [abstract]. \textit{FASEB} (834.4); 2014.


**Book Chapters, etc., 2014**


2013

Publications 2013


Carson JL, Brighton LE, Collier AM, Bromberg PA. Correlative ultrastructural investigations of airway epithelium following experimental exposure to defined air pollutants and lifestyle exposure to tobacco smoke. *Inhal Toxicol* 2013;25(3):134-140.


Crane-Godreau MA, Payne P. A history of secondhand smoke exposure: are we asking the right questions? Front Physiol 2013;4:25.


Leberl M, Kratzer A, Taraseviciene-Stewart L. Tobacco smoke induced COPD/emphysema in the animal model—are we all on the same page? *Front Physiol* 2013;4:91.


Lebenthal E, Kratzer A, Taraseviciene-Stewart L. Tobacco smoke induced COPD/emphysema in the animal model—are we all on the same page? *Front Physiol* 2013;4:91.


McMillen RC, Winickoff JP, Wilson K, Tanski S, Klein JD. A dual-frame sampling methodology to address landline replacement in tobacco control research. *Tob Control* [Epub 2013 Apr 17].


Pau CT, Keefe CC, Welt CK. Cigarette smoking, nicotine levels and increased risk for metabolic syndrome in women with polycystic ovary syndrome. *Gynecol Endocrinol* 2013;29:551-555.


Povlsen GK, Johansson SE, Larsen CC, Samraj AK, Edvinsson L. Early events triggering delayed vasoconstrictor receptor upregulation and cerebral ischemia after subarachnoid hemorrhage. \textit{BMC Neurosci} 2013;14:34.


**Presentations and Abstracts 2013**


Bhandary YP, Shetty SK, Marudamuthu AS, Ji H, Fu J, Idell S, Boggaram, VB, Neuenschwander PF, Morris GB, Shetty S. Regulation of alveolar epithelial injury and


Dasgupta P, Lau JK, Brown KC, Luo H, Chen YC. Nicotine increases the expression of alpha7-nicotinic receptors (alpha7-nAChRs) in human squamous cell lung cancer cells


Farassati F. Transcriptional Targeting of CD133+ Cancer stem cells by oncolytic viruses. Presented at the Seventh International Meeting on Replicating Oncolytic Virus Therapeutics. Quebec City, Quebec, Canada, Jun 15-18, 2013.


Han W, Su Y. Knockout of calpain inhibits right ventricular hypertrophy and fibrosis in chronic hypoxic pulmonary hypertension. Presented at the Keystone Symposia. Snowbird, UT, Apr 7-12, 2013.


Levantini E. C/EBPa acts as tumor suppressor in lung by inhibiting the proto-oncogene Bmi-1. Presented at the BIDMC Pulmonary Division Research Seminar Series – Beth Israel Deaconess Medical Center. Boston, MA, Jan 31, 2013.


Book Chapters, etc., 2013


Cao, L. Receptor upregulation and MAPK activity in arteries and bronchi following secondhand smoke exposure [thesis]. Lund University, Sweden, Nov 14, 2013.


Cummings KM, Shopland D, Goldstein R. History of surgeon general reports on smoking and health (exhibit), 2013.


2012

Publications 2012


Ahnstedt H, Stenman E, Cao L, Henriksson M, Edvinsson L. Cytokines and growth factors modify the upregulation of contractile endothelin ET(A) and ET(B) receptors in rat cerebral arteries after organ culture. *Acta Physiol (Oxf)* 2012;205(2):266-728.


Benedict MD, Missmer SA, Ferguson KK, Vitonis AF, Cramer DW, Meeker JD. Secondhand tobacco smoke exposure is associated with prolactin but not thyroid stimulating hormone among nonsmoking women seeking *in vitro* fertilization. *Environ Toxicol Pharmacol* 2012;34(3):761-767.


Eisenberg-Lerner A, Kimchi A. PKD at the crossroads of necrosis and autophagy. *Autophagy* 2012;8(3) 433-434.


Jing L, Christoforou N, Leong KW, Setton LA, Chen J. Differentiation potential of human induced pluripotent stem cells (iPSCs) to nucleus pulposus-like cells in vitro. *Global Spine J* 2012; 02:S4.18.


Lera RF, Burkard ME. The final link: tapping the power of chemical genetics to connect the molecular and biologic functions of mitotic protein kinases [review]. *Molecules* 2012;17(10): 12172-12186.


Odierna DH, White J, Forsyth S, Bero LA. Critical appraisal training increases understanding and confidence and enhances the use of evidence in diverse categories of learners. *Health Expect* [Epub 2012 Dec 16.]


Poirier JT, Reddy PS, Idamakanti N, Li SS, Stump KL, Burroughs KD, Hallenbeck PL, Rudin CM. Characterization of a full-length infectious cDNA clone and a green


Poynter ME. Airway epithelial regulation of allergic sensitization in asthma. *Pulmonary Pharmacology and Therapeutics* 2012;25(6):438-446.


Rosen LJ, Noach MB, Winickoff JP and Hovell MF. Parental smoking cessation to protect young children: a systematic review and meta-analysis [review]. *Pediatrics* 2012;129(1);141-152.


Williamson CT, Kubota E, Hamill JD, Klimowicz A, Ye R, Muzik H, Dean M, Tu L, Gilley D, Magliocco AM, McKay BC, Bebb DG, Lees-Miller SP. Enhanced cytotoxicity


Presentations and Abstracts 2012


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 18th Annual Society for Research on Nicotine and Tobacco Meeting. Houston, TX, Mar 12-16, 2012.


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


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.


Diekman BO, Christoforou N, Sun A, Leong KW, Guilak F. Chondrogenesis of induced pluripotent stem cells and selection of differentiated cells for tissue engineering.


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


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


Rada D, Sebrié EM. Framework convention on tobacco control as a key tool for
development, curbing poverty and non-communicable diseases. Presented at the 15th

Reeves AP, Biancardi AM, Yankelevitz DF, Cham MD, Henschke CI. Heart region
segmentation from low-dose CT scans: an anatomy based approach. Presented at the

Ribisal K, Friedman L, Mortensen A, Gottlieb M. Marketing & counter marketing:
keeping up with the tobacco industry. Presented at the National Conference on Tobacco

Rosen L, Ben Noach M. Will parents protect their young children from tobacco smoke
exposure? A systematic review and meta-analysis. Presented at the Faculty of Medicine
Research Fair, Tel Aviv University. Tel Aviv, Israel, Apr 2012.

Saini Y, Dang H, Livraghi-Butrico A, O’Neal WK, Boucher RC. Macrophage activation
patterns and development of airway inflammation in Scnn1b transgenic mice [abstract].
Pediatric Pulmonology 2012;47:229-S35.

Salvatore M, Levitt A, Padilla M, Henschke CI, Zhao S. Progression of usual interstitial
pneumonitis (UIP) in a low-dose CT screening cohort [poster]. Radiological Society of

Sathish V, Miller BS, VanOosten SK, Thompson MA, Pabelick CM, Prakash YS.
Cigarette smoke exposure alters estrogen signaling in human airway smooth muscle

Sathish V, Thompson MA, Sieck GC, Prakash YS, Pabelick CM. Caveolin-1, Cavins
And CD38-Mediated Ca^{2+} Regulation In Airway Inflammation [abstract]. Am J Respir

Schmid A, Novak L, Fregien N and Salathe M. Effect of Dkk1 on the differentiation of
ciliated cells in the airway epithelium [abstract]. Am J Respir Crit Care Med
2012;185:A5542.

Roswell Park Cancer Institute, InterAmerican Heart Foundation, Heart and Stroke
Foundation of Barbados, University of Waterloo, University of South Carolina, and the

Roswell Park Cancer Institute, InterAmerican Heart Foundation, Heart Foundation of
Jamaica, Heart and Stroke Foundation of Barbados, Trinidad and Tobago Cancer Society,
Guyana Chest Society, University of Waterloo, University of South Carolina, and the

Sebrié E, et al. Guyana cigarette health warning labels study report. Presented at Roswell
Park Cancer Institute, InterAmerican Heart Foundation, Guyana Chest Society,
University of Waterloo, University of South Carolina, and the Instituto Nacional de Salud
Pública de México. 2012.


Sebrié E, et al. Trinidad and Tobago cigarette health warning labels study report. Presented at Roswell Park Cancer Institute, InterAmerican Heart Foundation, Trinidad and Tobago Cancer Society, University of Waterloo, University of South Carolina, and the Instituto Nacional de Salud Pública de México. 2012.


Solleti SK, Srisuma S, Bhattacharya S, Rangel-Moreno J, Bijli KM, Lunger V, Gascon J, Randall T, Rangasamy T, Rahman A, Mariani TJ. SERPINE2 deficiency is associated


Ta C, Keefe C, Welt CK. Relationship between smoking and parameters of metabolic syndrome in women with polycystic ovary syndrome and controls. Presented at the 94th Annual Meeting of the Endocrine Society, Houston TX, Jun 23-26, 2012.


Unwalla HJ, Conner G, Salathe M. Cigarette smoke and TGF-β1 inhibit albuterol's ability to enhance its own transepithelial transport [abstract]. *Am J Respir Crit Care Med* 2012;185:A2840.


Vaz M, Biswal S, Reddy SP. Loss of Fra-1 mitigates cigarette smoke-induced pro-inflammatory cytokine expression in cultured macrophages and lung macrophagic


Zhou Q, Eades G, Yao Y. Epigenetic activation of miR-200a targets the Nrf2-dependent chemoprevention pathway in breast cancer [abstract #69]. 103rd AACR Annual Meeting, Chicago, IL, Mar 31-Apr 4, 2012.
**Book Chapters, etc., 2012**


2011

Publications 2011


Agbenyikey W, Wellington E, Gyapong J, Travers MJ, Breyssse PN, McCarty KM, Navas-Acien A. Secondhand tobacco smoke exposure in selected public places (PM2.5 and air nicotine) and non-smoking employees (hair nicotine) in Ghana. *Tob Control* 2011;20:107-111.


Benedict MD, Missmer SA, Vahdatian A, Berry KF, Vitonis AF, Cramer DW, Meeker JD. Secondhand tobacco smoke exposure is associated with increased risk of failed implantation and reduced IVF success. *Hum Reprod* 2011;26(9):2525-2531.


Crump NT, Hazzalin CA, Bowers EM, Alani RM, Cole PA, Mahadevan LC. Dynamic acetylation targeted to all lysine-4-trimethylated histone H3 is evolutionary conserved and mediated by p300/CBP. *Proc Natl Acad Sci U S A* 2011;108(19):7814-7819


Hunter TB, Manimala NJ, Luddy KA, Catlin T, Antonia SJ. Paclitaxel and TRAIL synergize to kill paclitaxel-resistant small cell lung cancer cells through a caspase independent mechanism mediated through AIF. *Anticancer Res* 2011;31(10):3193-3204.


Pastukh VM, Zhang L, Ruchko MV, Gorodnya O, Bardwell GC, Tuder RM, Gillespie MN. Oxidative DNA damage in lung tissue from patients with COPD is clustered in functionally significant sequences. *Int J Chron Obstruct Pulmon Dis* 2011;6:209-217.


Sheffer M, Simon AJ, Jacob-Hirsch J, Rechavi G, Domany E, Givol D, D'Orazi G. Genome-wide analysis discloses reversal of the hypoxia-induced changes of gene...


Presentations and Abstracts 2011


Briegel KJ. The T-box transcription factor TBX2 promotes breast cancer invasiveness through potent activation of the epithelial-mesenchymal transition. Presented at the


Carson JL. Human ciliopathies: the first 100 years. Presented at University of Wisconsin Department of Pediatrics Grand Rounds, Madison WI, Dec 01, 2011.


Chen H, Kobashigawa EA, Blanc PD, De Marco T, Napoles-Springer A. A qualitative approach to understanding quality of life impairment in pulmonary arterial hypertension:


Chung SH, Makambi KH, Soldin OP. Where there’s smoke, there’s fire: The associations between cigarette tobacco smoke and inflammation in women of reproductive age. Presented at the Georgetown University Medical Center Research Day. Washington, DC, May 12, 2011.

Chung SH, Makambi KH, Soldin OP. Cigarette tobacco smoke exposure and inflammation are associated with thyroid hormone changes. Presented at the 81st Annual Meeting of the American Thyroid Association. Indian Wells, CA, Oct 26-30, 2011.


Crane-Godreau MA. Vitamin D deficiency and cigarette smoke exposure induce COPD like disease in the mouse. Presented at the Dartmouth Medical School Endocrine Conference. Lebanon, NH, Feb 2011.


Das SK, Mukherjee S. Molecular mechanism of breast cancer development by cigarette smoke exposure. Presented at the International Heart Congress. Chongqing, China, Apr 22-23, 2011.


Farassati F. Targeting Cancer stem cells with oncolytic viruses. Sixth International Conference on Oncolytic Viruses as Cancer Therapeutics, Las Vegas, NV, Mar, 2011.


Gunda V, Boosani CS, Laknaur A, Sudhakar A. The noncollagenous domain of a6 chain type IV collagen regulates endothelial cell migration and tube formation by a3b1 and a5b1 integrins. Presented at the 102nd American Association for Cancer Research International Conference. Orlando, FL, Apr 2-6, 2011.


Koru-Sengul T. Out of sight, not out of mind: Missing data. Presented at the Biostatistics Clinic, Biostatistics Collaboration and Consulting Core Division of Biostatistics at the Department of Epidemiology and Public Health, Miller School of Medicine, University of Miami. Miami, FL, Sep 13, 2011.


Manimala NJ, Hunter TB, Antonia SJ. Paclitaxel and obatoclax synergize to kill paclitaxel-resistant small cell lung cancer cells through an apoptosome-independent
mechanism. Presented at the 2011 National Conference on Undergraduate Research.
Ithaca, NY, Mar 31 to Apr 2, 2011.

Presented at the European Survey Research Association Meeting, Lausanne, Switzerland

McMillen R, Maduka J, Winickoff J. Ever use of emerging tobacco products by
-cigarettes smoking status and other characteristics. Presented at the 139th Annual
Conference of the American Public Health Association. Washington, DC, Oct 29-Nov 2,
2011.

smoke-free multi-unit housing. Presented at the 2011 Pediatric Academic Societies’ &

McMillen R. The social climate survey of tobacco control, 2000-2010. Presented at the
Center for Tobacco Control Research and Education (CTCRE), University of California,

McMillen RC, Maduka J, Winickoff J. Ever use of emerging tobacco products by
cigarette smoking status and other characteristics. Presented at the 139th APHA Annual

Mebratu YA, Schuyler M, Schwalm K, Tesfaigzi Y. Bik reduces cigarette smoke-induced
epithelial cell hyperplasia by interacting with activated ERK1/2 and cleaving the death-
associated protein kinase [abstract]. The American Thoracic Society International

Monzon ME, Cancado JED, Campos M, Mendes ES, Casalino-Matsuda SM.
Cigarette smoke extract induces S100A4/RAGE in human bronchial epithelial cells

Monzon ME, Forteza R, Casalino-Matsuda SM. Role of hyaluronan fragments in the
regulation of epithelial permeability [abstract]. Am J Respir Crit Care Med
2011;183:A5114.

Mukherjee S, Das SK. Mainstream and sidestream cigarette smoking induces
overexpression of TSPO and cell proliferation in human breast cancer cell lines.

Mukhopadhyay S, Mukherjee S, Das SK. Role of MAPK/AP-1 signaling in control of
breast cancer by soy protein. Presented at the DOD Breast Cancer Research Program

Mulligan JK, White D, Wang E, Sansoni ER, Schlosser RJ. Vitamin D3 deficiency in
children with chronic rhinosinusitis with nasal polyps [abstract]. The American Academy
of Otolaryngology-Head and Neck Surgery Foundation 2011 Annual Meeting & OTO
EXPO. San Francisco, CA, Sep 11-14, 2011

Muradyan I, Hrovat M, Dabaghyan M, Butler J, Hatabu H, Patz S. Pulmonary T2*
dependence on the lung volume: preliminary results. Presented at the 19th Intl Soc Magn

Muthumalage T, Hunter K, Redelman D, Pritsos K, Pritsos C. Commonly used air filters do not substantially reduce exposure to secondhand smoke constituents. Presented at the 50th Annual Meeting of the Society of Toxicology. Washington, DC, Mar 6-10 2011.


Soldin OP, Aschner M. Chronic manganese alters thyroid and estrogen levels in rats’ blood. Presented at the Society of Toxicology, Washington DC, Mar 9, 2011.


Stephens RS, Servinsky LE, Pearse DB. cGMP-mediated antioxidant signaling: a role for the c-Abl tyrosine kinase. 5th International Conference on cGMP Generators, Effectors and Therapeutic Implications. *BMC Pharmacology* 2011;11(Suppl 1):70.

Stevenson T, Lee YO, Ling PM. Dual and poly-tobacco use of snus, spit tobacco and hookah among young adults in bars. Presented at the National Summit on Spit and Smokeless Tobacco. Austin, TX, May 10-12, 2011.


Sudhakar A. Signaling mechanisms in regulation of angiogenesis by type IV collagen derived angioinhibitors. Presented at the Boys Town National Research Hospital, Seminar Series. Omaha, NE, Mar 1, 2011.

Sudhakar A. Signaling mechanisms in regulation of angiogenesis by type IV collagen derived angioinhibitors. Presented at Creighton University, Department of Biomedical Sciences Seminar Series. Omaha, NE, Mar 8, 2011.

Trentini JF, Poluch S, Juliano SL, O'Neill JT. Neuronal migration from the ganglionic eminence is inhibited by carbon monoxide through a cGMP dependent mechanism [abstract]. The Pediatric Academic Societies and Asian Society for Pediatric Research Annual Meeting. Denver, CO, Apr 30 to May 1, 2011.


Veffer JR, Ling PM. Beyond the brotherhood: Smokeless marketing strategies to recruit new users. Presented at the National Summit on Spit and Smokeless Tobacco. Austin, TX, May 10-12, 2011.


Yau JPL, Chan SSC, Leung DYP, Koh D, Ng V, Lam TH. Saliva cotinine levels of babies and mothers living with smoking fathers under different housing types in Hong Kong: A cross-sectional study. Presented at the 2011 SRNT 17th Annual Meeting. Toronto, Canada, Feb 16-19, 2011.


**Book Chapters, etc., 2011**


Patz S, Muradyn I, Hrovat MI, Dabaghyan M, Washko GR, Hatabu H, Butler JP. Noninvasive measurement of alveolar surface area with magnetic resonance imaging. Lung Health Professional, Nov 2011, COPD Foundation. (www.lunghealthprofessional.org)

2010

Publications 2010


Burkard ME, Jallepalli PV. Validating cancer drug targets through chemical genetics. *Biochim Biophys Acta* 2010;1806(2):251-257.


Champagne BM, Sebrié EM, Schoj V. The role of organized civil society in tobacco control in Latin America and the Caribbean. *Salud Pública Méx* 2010;52(Sup 2):330-339.


Im E, Pothoulakis C. Recent advances in *Saccharomyces boulardii* research. *Gastroenterol Clin Biol* 2010; 34S1:S62-S70.


Koren I, Reem E, Kimchi A. Autophagy gets a brake: DAP1 a novel mTOR substrate, is activated to suppress the autophagic process. *Autophagy* 2010;16;6(8):1179-1180.


Lee CI, Forman HP. What we can and cannot see coming. *Radiology* 2010;257:313-314.


Maccani MA, Avissar-Whiting M, Banister CE, McGonnigal B, Padbury JF, Marsit CJ. Maternal cigarette smoking during pregnancy is associated with downregulation of miR-16, miR-21, and miR-146a in the placenta. *Épigénetics* 2010;5(7).


Mejia AB, Ling PM, Glantz SA. Quantifying the effects of promoting smokeless tobacco as a harm reduction strategy in the USA. Tob Control 2010;19(4):297-305.


Reynolds PR, Allison CH, Willnauer CP. TTF-1 regulates alpha 5 nicotinic acetylcholine receptor (nAChR) subunits in proximal and distal lung epithelium. *Respir Res* 2010;11:175.


Schaeffer MW, Sinha Roy S, Mukherjee S, Nohr D, Wolter M, Biesalski HK, Ong DE, Das SK. Qualitative and quantitative analysis of retinol, retinyl esters, tocopherols and selected carotenoids out of various internal organs from different species by HPLC. Anal Methods 2010;2:1320-1332.


Shrivastava V, Pekar M, Grosser E, Im J, Vigodner M. SUMO proteins are involved in the stress response during spermatogenesis and are localized to DNA double-strand breaks in germ cells. *Reproduction* 2010;139:999-1010.


Sun W, Liu Y, Glazer CA, Shao C, Bhan S, Demokan S, Zhao M, Rudek MA, Ha PK, Califano JA. TKTL1 is activated by promoter hypomethylation and contributes to head


Presentations and Abstracts 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.


Boosani CS, Overall C M, Sheibani N, Cosgrove D, Sudhakar A. Tumstatin inhibits retinal endothelial cell invasion by binding to the collagen binding domain of MMP2 and inhibits its activation in-vitro and in-vivo. Presented at the ARVO 2010 Annual Meeting. Fort Lauderdale, FL, May 2-6, 2010.


Cascone T, Herynk MH, Xu L, Kadara HN, Hanrahan EO, Fan YH, Siagal B, Park YY, Lee JS, Langley RR, Jurgensmeier JM, Ryan A, Heymach JV. Increased HGF is


Chestnut M, Woodworth BA. Transepithelial ion transport is suppressed in hypoxic sinonasal epithelium. Presented at the Medical Student Research Competition, University of Alabama School of Medicine. Birmingham, AL, Oct 26, 2010.


Christoforou N. Cardiac tissue engineering: Challenges of cell source and delivery. Presented at the University of Cyprus, Department of Biological Sciences. Nicosia, Cyprus, Mar 19, 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.

Crane-Godreau M. Vitamin D deficiency and second hand smoke induce COPD-like disease in the mouse. Presented at the Dartmouth Medical School Microbiology and Immunology Department. Hanover, NH, Nov 2010.


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


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.


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.


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.


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.


Liau B, Christoforou N, Leong K, Bursac N. Multipotent mESC-derived cardiovascular progenitors, but not cardiomyocytes generate highly functional 3-D engineered cardiac

Lim MK. Measuring SHS exposure in public places in Seoul, Korea, in support of policy development and implementation (South Korea). Presented at the 2010 Asia Pacific Conference on Tobacco or Health. Sydney, Australia, Oct 6-9, 2010.


Ma EL, Choi YJ, Choi JY, Pothoulakis C, Rhee SH, Im E. The probiotic \textit{Bacillus polyfermenticus} suppresses tumor growth both \textit{in vivo} and \textit{in vitro} through ErbB inhibition. Presented at the CURE Digestive Diseases Research Center, Annual Research Meeting, University of California, Los Angeles. Los Angeles, CA, Apr 9, 2010.


Merlo LJ, Graham NA, Gold MS. Expanding the medical curriculum to increase secondhand smoke awareness, competency, and screening. Presented at the 34th Annual National Conference of the Association for Medical Education and Research in Substance Abuse. Bethesda, MD, Nov 4-6, 2010.


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


Rosen L, Hovell M, Ben Noach M. Will parents quit smoking to protect their kids from secondhand smoke exposure? A systematic review and meta-analysis of intervention trials. Presented to the Faculty of Medicine Fair, Tel Aviv University. Tel Aviv, Israel, Mar 2010.


Ryu J, Crane-Godreau M. Effects of cigarette smoke exposure and vitamin D deficiency on immune cell populations in the spleen of FVB mice. Presented at the Dartmouth College Undergraduate Student Science Fair. Hanover, NH, May 2010.


Sidhaye V, Chau E, King LS. Interplay between Sepin 2 and Aquaporin 5 as a novel mechanism to modulate epithelial barrier function by regulation of microtubular stability [abstract]. *FASEB J* 2010;24:999.1


Soldin OP. Thyroid function in pregnancy: Challenges and solutions. Presented at Tel-Aviv University. Tel-Aviv, Israel, Jun 2010.


Srisuma S, Bhattacharya S, Mariani TJ. SERPINE2 is a direct target of FGF signaling; a potential mechanism for airspace homeostasis and repair [abstract]. Am J Respir Crit Care Med 2010;181:A4945


Sudhakar A. Angioinhibitory mechanisms of type IV collagen derived endogenous angioinhibitors. Presented at University of Nebraska Medical Center, Department of Biochemistry and Molecular Biology. Omaha, NE, Feb 22, 2010.


Sudhakar A. Regulation of tumor angiogenesis by extra cellular matrix derived angioinhibitors. Presented at the Department of Biochemistry, University of Hyderabad. Hyderabad, India, Mar 5, 2010.

Sudhakar A. Signaling mechanisms in regulation of tumor angiogenesis by type IV collagen derived angioinhibitors. Presented at Tata Memorial Cancer Centre, Advanced Centre for Treatment, Research and Education in Cancer. Kharghar, Navi Mumbai India, Mar 4, 2010.


Tamplin S. Measuring exposure to secondhand smoke to drive policy development and implementation. Presented at the 2010 Asia Pacific Conference on Tobacco or Health. Sydney, Australia, Oct 6-9, 2010.


Trentini JF, Juliano SL, O’Neill JT. Migration from the ganglionic eminence is inhibited by carbon monoxide through a cGMP mechanism [abstract]. The Society for Neuroscience Annual Meeting. San Diego, CA, Nov 13-17- 2010.


Wasley KM, Allison CH, Reynolds PR. Diesel particulate matter induces receptor for advanced glycation end-products (RAGE) expression in alveolar epithelial cells and


Wilson K. How to address cessation during well child visits. Presented at the University of South Florida, Tampa General Hospital, and All Children’s Hospital. Tampa and St. Petersburg, FL, Jun 10-11, 2010.

Wilson K. Second hand tobacco smoke and the hospitalized child. Presented at the University of South Florida, Tampa General Hospital, and All Children’s Hospital. Tampa and St. Petersburg, FL, Jun 10-11, 2010.


Zhao F, Leong KW. Cell sheet engineering of small-diameter blood vessel from aligned human mesenchymal stem cells. Presented at the Southern Biomedical Engineering Conference. Baltimore, MD, Apr 30 to May 2, 2010.
**Book Chapters, etc., 2010**


Purpera J, Blum A, Cummings KM. International Tobacco Control Stamp Exhibit [traveling exhibit]. 2010. (Video can be found on the Internet at: http://roswellitc.wordpress.com/2011/03/09/itc-stamp-exhibit/)


2009

Publications 2009


Bernert JT, Jacob P III, Holiday DB, Benowitz NL, Sosnoff CS, Doig MV, Feyerabend C, Aldous KM, Sharifi M, Kellogg MD, Langman LJ. Interlaboratory comparability of


Bouloukaki I, Tsoumakidou M, Vardavas CI, Mitrouska I, Koutala E, Siafakas NM, Schiza SE, Tzanakis N. Maintained smoking cessation for 6 months equilibrates the percentage of sputum CD8 lymphocyte cells with that of nonsmokers. *Mediators Inflamm* 2009;2009:812102.


Chen A, Marsit CJ, Christensen BC, Houseman EA, McClean MD, Smith JF, Bryan JT, Posner MR, Nelson HH, Kelsey KT. Genetic variation in the vitamin C transporter,


Dimitrijevic I, Ekelund U, Edvinsson ML, Edvinsson L. Increased expression of endothelin ET(B) and angiotensin AT(1) receptors in peripheral resistance arteries of patients with suspected acute coronary syndrome. *Heart Vessels* 2009;24(6):393-398.


spores demonstrates TNF-alpha and NF-kappaB are key components of the innate immune response to the pathogen. *BMC Infect Dis* 2009;9:152.


Fong SM, Lee MK, Adusumilli PS, Kelly KJ. Fluorescence-expressing viruses allow rapid identification and separation of rare tumor cells in spiked samples of human whole blood. *Surgery* 2009;146(3):498-505. (Lab of Dr. Yuman Fong)


Im E, Choi YJ, Kim CH, Fiocchi C, Pothoulakis C, Rhee SH. The angiogenic effect of probiotic *Bacillus polyfermenticus* on human intestinal microvascular endothelial cells is mediated by IL-8. *Am J Physiol Gastrointest Liver Physiol* 2009;297:G999–G1008.


Klepeis NE, Gabel EB, Ott WR, Switzer P. Outdoor air pollution in close proximity to a continuous point source. *Atmos Environ* 2009;43(20):3155-3167.


Liberman N, Marash L, Kimchi A. The translation initiation factor DAP5 is a regulator of cell survival during mitosis. *Cell Cycle* 2009;8:204-209.


Lindstedt I, Xu CB, Zhang Y, Edvinsson L. Increased perfusion pressure enhances the expression of endothelin (ETB) and angiotensin II (AT1, AT2) receptors in rat mesenteric artery smooth muscle cells. *Blood Press* 2009;18(1):78-85.


McGrath-Morrow S, Lauer T, Yee M, Neptune E, Podowski M, Thimmulappa K, O’Reilly M, Biswal S. Nrf2 increases survival and attenuates alveolar growth inhibition


Meng S, Arbit T, Veeriah S, Mellinghoff IK, Rohle D, Vivanco I, Chan TA. 14-3-3s and p21 synergize to determine DNA damage response following Chk2 inhibition. *Cell Cycle* 2009;8:2238-2246.


Mukherjee S, Das SK. Activation of metalloproteinase in breast epithelial cells by direct and secondhand cigarette smoke. *FASEB J* 2009; 23:695.3.


Odermarsky M, Lykkesfeldt J, Liuba P. Poor vitamin C status is associated with increased carotid intima-media thickness, decreased microvascular function, and delayed myocardial repolarization in young patients with type 1 diabetes. *Am J Clin Nutr* 2009;90:447-452.


Soldin OP, Goughenour BE, Gilbert SZ, Landy HJ, Soldin SJ. Thyroid hormone levels associated with active and passive cigarette smoking. Thyroid 2009;19(8):817-823.


Tcheurekdjian H, Thyne SM, Williams LK, Via M, Rodriguez-Santana JR, Rodriguez-Cintron W, Avila PC, Burchard EG. Augmentation of bronchodilator responsiveness by


Zhu AP, Zhao F, Ma T. Photo-initiated grafting of gelatin/N-maleic acyl-chitosan to enhance endothelial cell adhesion, proliferation and function on PLA surface. *Acta Biomater* 2009;5:2033-2044.

Ziv O, Geacintov N, Nakajima S, Yasui A, Livneh Z. DNA polymerase zeta cooperates with polymerases kappa and iota in translesion DNA synthesis across pyrimidine

Presentations and Abstracts 2009


Alpert H. Factors associated with youth support of public smoking bans in developing countries worldwide: Results from the Global Youth Tobacco Survey. Presented at the 14th World Conference on Tobacco or Health. Mumbai, India, Mar 8-11, 2009.

Alpert H. Role of the secondary school environment on secondhand smoke exposure among Cypriot youth. Presented at the 14th World Conference on Tobacco or Health. Mumbai, India, Mar 8-11, 2009.

Alpert H. Youth attitudes and public smoking ban policies in developing countries worldwide: Results from the Global Youth Tobacco Survey. Presented at the 14th World Conference on Tobacco or Health. Mumbai, India, Mar 8-11, 2009.


Bhave S, Etzel RA, Klein JD. Children and adolescents and international tobacco control. Presented at the World Conference on Tobacco or Health. Mumbai, India, Mar 8-12, 2009.


Crane-Godreau MA. Environmental influences on the changes in the lung--insights from vitamin D deficient and cigarette smoke exposed models. Presented at the Immunology and Cancer Immunotherapy Research Program (ICIP) Seminar, NCCC. Lebanon, NH, Mar 2009.

Crane-Godreau MA. Setting the stage for cancer---looking for early changes in gene expression in cigarette smoke exposed mice. Presented at the American Cancer Society Meeting. Lebanon, NH, Jul 2009.


Damico RL. Cell fate and pulmonary vascular disease. Presented at the Lung Research Conference, Division of Pulmonary and Critical Care Medicine, Johns Hopkins University, Baltimore, MD, 2009.

Das SK. Peripheral benzodiazepine receptor, a biomarker for breast cancer. Presented at the 96th Indian Science Congress. Shillong, Meghalaya, India, Jan 3-7, 2009.


Geller A. Smoking cessation and second-hand smoke counseling reduction for parents of hospitalized pediatric patients. Presented at Children’s Hospital, Boston, MA, Nov 2009.


Hazra S. The role of microRNA 125a-3P in the pathogenesis of lung cancer [abstract A31]. AACR International Conference on Frontiers in Cancer Prevention Research, Houston, TX, Dec. 6-9, 2009.


Hyland AJ. Measuring tobacco smoke pollution in multi-unit housing. Presented at the National Conference on Tobacco or Health Ancillary Meeting on Multi-Unit Housing. Phoenix, AZ, Jun 9, 2009.


Im E, Rhee SH, Park YS, Pothoulakis C. A role of CRH family peptides in intestinal angiogenesis. Presented at the 17th International Symposium on Regulatory Peptides. Santa Barbara, CA, Jan 25-28, 2009.

Im E. Neuropeptides, angiogenesis and IBD pathophysiology: Recent advances in IBD. Presented at the Ronald Reagan Medical Center, University of California, Los Angeles. Los Angeles, CA, Sep 14-15, 2009.


Levantini E. C/EBPα in lung development and cancer. Presented at the Cancer Biology Program, Clinical/Translational Research Series. Beth Israel Deaconess Medical Center, Boston, MA, Apr 13, 2009.


Levantini E. Runx1 regulates human CD34 expression in hematopoietic stem cells. Presented at the Beth Israel Deaconess Medical Center, Center for Life Science Building. Boston, MA, May 12, 2009.


Preliminary results. Presented at the 14th World Conference on Tobacco or Health. Mumbai, India, Mar 8-12, 2009.


Schlosser RJ, Mulligan RM, Atkinson CA, Vertegel A. Cigarette smoke extract stimulates interleukin-8 production in human sinus epithelium via reactive oxygen


Sebrié EM. Enacting a good law is not the end of the road: The tobacco industry vs. Santa Fe (Argentina). Presented at the 14th World Conference on Tobacco or Health. Mumbai, India, Mar 8-10, 2009.


Sebrié EM. Experimental study to evaluate the pre-implementation impact of graphic warning labels in the Caribbean. Presented at the Center for Tobacco Control Research and Education. University of California, San Francisco, Feb 17, 2009.


Sebrié EM. Smokefree policies in Argentina: The successful case of the Province of Santa Fe. Presented at the National Conference on Tobacco or Health. Phoenix, AZ, Jun 10-12, 2009.

Shemesh J, Shaham D, Henschke CI, Yip R, Farooqi AO, Reeves, AP. Ordinal scoring of coronary artery calcifications on ungated, low-dose CT scans of the chest predict death


Singh SP. Role of PDERD5 in allergic asthma induced by maternal cigarette smoke. Presented at the COPD Meeting at the Lovelace Respiratory Research Institute. Albuquerque, NM, 2009.


Soldin OP. Therapeutic drug monitoring during pregnancy and lactation: Treating the mother, protecting the baby. Presented at the 11th Meeting of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology. Montreal, Canada, Oct 3-8, 2009.


Stephens RS, Pearse DB. cGMP increases scavenging of extracellular H$_2$O$_2$ and attenuates H$_2$O$_2$-induced cell death in mouse lung microvascular endothelium [abstract]. *Am J Respir Crit Care Med* 2009;179:A5361.


Ware LB, Fremont RD, Bastarache JA, Calfee CS, Matthay MA. Non-invasive diagnosis of the etiology of acute pulmonary edema using the edema fluid-to-plasma protein ratio.


Yau JPL, Chan SSC, Lam TH, Fong DYT. Comparing mothers’ saliva cotinine level and infants’ saliva cotinine level in families with smoking fathers. Presented at the Nursing Forum. Hong Kong, China, Jun 5-6, 2009.


Zhao F, Duan YJ, Leong KW. Completely biological tissue-engineered small-diameter blood vessel from aligned human mesenchymal stem cells. Presented at the National


**Book Chapters, etc., 2009**


Hage P, Blum A, Cummings KM. Your drug store; cancer center [video]. Birmingham, AL: Center for the Study of Tobacco and Society, University of Alabama, 2009. (Video can be found on the Internet at: http://www.blumarchive.org/pharmacy.php)


Sebrié EM. ITC Project. In: ITC Brazil Survey Summary. University of Waterloo, Waterloo, Ontario, Canada; and National Cancer Institute of Brazil (INCA) / Ministry of Health: Brazil 2009.


2008

Publications 2008


Alpert HR, Connolly GN, Koh H. After the master settlement agreement: Targeting and exposure of youth to magazine tobacco advertising. *Health Affairs* 2008;27(6)503-512.


Anderson SJ, Ling PM. And they told two friends, and so on, and so on: RJ Reynolds’ viral marketing of Eclipse. *Tob Control* 2008;17(4):222-229.


Best D. Bupropion assists with tobacco cessation in adolescents but relapse is high [commentary]. *J Pediatr* 2008;152(5):738-739.


Drake KA, Galanter JM, Gonzalez Burchard E. Race, ethnicity and social class and the complex etiologies of asthma. Pharmacogenomics 2008;9:453-462.


Heinecke L, Proud D, Sanders S, Schleimer RP, Kim J. Induction of B7-H1 and B7-DC expression on airway epithelial cells by the Toll-like receptor 3 agonist double-stranded


Nilsson D, Wachenfors A, Gustafsson L, Edvinsson L, Paulsson P, Ingemansson R, Malmsjö M. Increased ET(A) and ET(B) receptor contraction in the left internal mammary artery from patients with hypertension. *J Hum Hypertens.* 2008;226-229.


Presentations and Abstracts 2008


Cala LF, Owen CA. ADAM15 is a novel neutrophil proteinase that contributes to pericellular proteolysis. Presented at the American Thoracic Society meeting. Toronto, Canada, May 16-21, 2008.


Carson JL, Brighton, LE, Jaspers I, Hazucha M, Song R, Zhou H. Persistent upregulation of nasal epithelial ciliary beat frequency among smokers and individuals exposed to...


Friebely J, Sesselberg TS, Hipple B, Klein JD, Winickoff JP. Correlation of parental smokers health beliefs about the parent-child dyad and association with readiness to quit. Presented at the Pediatric Academic Societies’ Meeting. Honolulu, HI, May 3-6, 2008.


Hammers H, Paesante S, Rudek M, Pili R. Combination of the VEGF receptor tyrosine kinase sunitinib and the mTOR inhibitor rapamycin leads to tumor regression in the RENCA model. Presented at the AACR Annual meeting. San Diego, CA, Apr 12-16, 2008.


Kassem, N. The hookah, historical perspective and current research studies. Presented at San Diego State University, San Diego, CA, Mar 21, 2008.


Klein JD, Graff Havens C. Comparing telephone and online survey reliability. Presented at the Pediatric Academic Societies’ Meeting. Honolulu, HI, May 3-6, 2008.

Klein JD, McMillen RC, Winickoff JP. Are we asking the right questions about secondhand smoke? Presented at the Pediatric Academic Societies’ Meeting. Honolulu, HI, May 3-6, 2008.


Levantini E. C/EBPα in lung development and cancer. Presented at the University of Siena. Siena, Italy, Sep 4, 2008.


Liu Y, Romanos E, Fryer GE, Jr, Miyoshi T, Weitzman M. Secondhand smoke exposure is associated with increased rates of childhood obesity. Presented at the Pediatric Academic Societies’ Meeting. Honolulu, HI, May 3-6, 2008.


Odierna DH, Bero L. Evaluation of race, ethnicity, and income in systematic reviews used to develop drug formularies for state-provided healthcare. Presented at the Cochrane Colloquium. Freiburg, Germany, 2008.


Schaeffer MW, Sinha Roy S, Mukherjee S, Das SK. Improved high-performance liquid chromatography method with diode array detection for simultaneous analysis of retinoic


Singh SP. PDE4 Inhibitor and its Role in Childhood Allergic Asthma. Presented at the Department of Pediatrics, University of New Mexico Health Science Center, University of New Mexico. Albuquerque, NM, 2008.


Srisuma S, Mariani TJ. A Role of SERPINE2 in pulmonary homeostasis in mice [abstract]. Am J Respir Crit Care Med 2008;177:A967.


Yau JPL, Chan SSC, Lam TH, Fong DYT. A randomized controlled trial (RCT) of a family intervention to reduce secondhand smoke (SHS) exposure in infants and mothers. Presented at the 13th Research Postgraduate Symposium. Hong Kong, China, Dec 10-11, 2008.


Book Chapters, etc., 2008


Anderson SJ, Ling PM, Glantz SA. Implications of the federal court order banning the terms “light” and “mild”: What difference could it make? *Tob Control* 2007;16:275-279.


Campbell EJ, Owen CA. The sulfate groups of chondroitin sulfate- and heparan sulfate proteoglycans in neutrophil plasma membranes are novel binding sites for neutrophil elastase and cathepsin G. J Biol Chem 2007;282:14645-14654.


Klein JD, Thomas RK, Sutter EJ. Self-reported smoking in online surveys: Prevalence estimate validity and item format effects. *Med Care* 2007;45:691-695.


Kornberg LJ, Grant MB. Adenoviruses increase endothelial cell proliferation, migration, and tube formation: partial reversal by the focal adhesion kinase inhibitor, FRNK. *Microvasc Res* 2007;73(3):157-162.


López-Albaitiero A, Ferris RL. Immune activation by EGFR mAb for HNSCC. *Arch Otolaryngol* 2007;133(12):1277-1281.


Thomson CC, Hamilton WL, Siegel MB, Biener L, Rigotti NA. Effect of local youth-access regulations on progression to established smoking among youths in Massachusetts. *Tob Control* 2007;16(2):119-126.


Presentations and Abstracts 2007


Cala LF, Owen CA. Biology of ADAM15 in human neutrophils [abstract]. Society for Leukocyte Biology 2007;A4:1S.


Reynolds PR, Hoidal JR. Expression and TTF-1-mediated transcriptional control of alpha-5 nAChRs in the mouse lung,. Presented at the Society for Developmental Biologists Meeting. Cancun, Mexico, Jun 16-20, 2007.


Book Chapters, etc., 2007


Gottlieb M, Texas State Senator Ellis. Texas Lottery Commission should clear the air. Austin American Statesman Newspaper, Dec 22, 2007. (In support of requiring Texas lottery sales locations to prohibit smoking under the requirements of the Americans with Disabilities Act).


Publications 2006


Klein JD. Milestones in the natural course of cigarette use onset in adolescents: The first puff may be the worst. *Can Med Assoc J* 2006;175:262.


Knoke JD, Anderson CM, Burns DM. Does a failed quit attempt reduce cigarette consumption following resumption of smoking? The effects of time and quit attempts on


Lopez-Albaíteo A, Nayak JV, Ogino T, Machandia A, Gooding W, DeLeo AB, Ferrone S, Ferris RL. Role of antigen-processing machinery in the *in vitro* resistance of squamous
cell carcinoma of the head and neck cells to recognition by CTL. *J Immunol* 2006;176:3402-3409.

Lopipero P, Bero LA. Tobacco interests or the public interest: 20 years of industry strategies to undermine airline smoking restrictions. *Tob Control* 2006;15:323-332.


Pache JC, Burton DW, Deftos LJ, Hastings RH. A carboxyl leucine-rich region of parathyroid hormone-related protein is critical for nuclear export. *Endocrinology* 2006;147:990-998.


Repae J, Hughes E, Benowitz N. Exposure to second-hand smoke air pollution assessed from bar patrons’ urinary cotinine. *Nicotine Tob Res* 2006;8:701-711.


Sharma PP, Salihu HM. Very low maternal age (10-14) and stillbirth phenotypes. *Arch Gynecol Obstet* 2006;274:19-20.


Shopland DR, Anderson CM, Burns DM. Association between home smoking restrictions and changes in smoking behavior among employed women. *J Epidemiol Community Health* 2006;60(suppl 2):44-50.


Presentations and Abstracts 2006


Higbee C. Arkansas air monitoring study: A comparison of levels of indoor air pollution in different workplaces. Presented at the 2006 Arkansas Cancer Summit VII. Fayetteville, AR, Jun 5-6, 2006.


Jaiswal AS, Balusu R, Armas ML, Kundu CN, Narayan S. Adenomatous polyposis coli (APC) interacts with flap endonuclease 1 (Fen-1) and blocks its cleavage activity in base excision repair [abstract]. Proc Am Assoc Cancer Res 2006;47:1068A.


Singh SP. Prenatal exposure to cigarette smoke and immune response. Presented at the Department of Medical Sciences, Bihar University. Muzaffarpur, Bihar, India, 2006.


Book Chapters, etc., 2006


2005

Publications 2005


Ling PM, Glantz SA. Tobacco industry consumer research on socially acceptable cigarettes. *Tob Control* 2005;14:e3


Xing M. BRAF mutation is not a germline mutation in familial papillary thyroid cancer. *Clin Endocrinol* 2005;63:263-266.


Presentations and Abstracts 2005


the Association for Medical Education and Research in Substance Abuse. Bethesda, MD, Oct 27-29, 2005.


Moreb JS, Mohuczy D. Small interfering RNA can specifically inhibit ALDH-1A1 or ALDH-3A1 and result in increased 4-hydroperoxycyclophosphamide toxicity in A549 lung cancer cell line [abstract]. The 96th Annual meeting of the American Association for Cancer Research. Anaheim, CA, Apr 16-20, 2005.


Travers MJ, Carpenter C. Conducting indoor air quality studies. Presented at the National Conference on Tobacco or Health. Chicago, IL, May 4-6, 2005.


**Book Chapters, etc., 2005**


2004

Publications 2004


Belin RM, Astor BC, Powe NR, Ladenson PW. Smoke exposure is associated with a lower prevalence of serum thyroid autoantibodies and thyrotropin concentration elevation and a higher prevalence of mild thyrotropin concentration suppression in the third National Health and Nutrition Examination Survey (NHANES III). *J Clin Endocrinol Metab* 2004;89(12):6077-6086.


Holm AL, Davis RM. Clearing the airways: advocacy and regulation for smoke-free airlines [review]. *Tob Control* 2004;13Suppl:i30-i36.


Presentations and Abstracts 2004


**Book Chapters, etc., 2004**


Blum A, Siegel M. Foundation award is an anti-smoking hypocrisy [commentary]. The Tuscaloosa News.


Blum A, Solberg E, Wolinsky H. Where there’s smoke, there’s money from big tobacco [commentary with focus on California]. Los Angeles Times.


2003

Publications 2003


Burns D. Epidemiology of Smoking-Induced Cardiovascular Disease. Prog Cardiovasc Dis 2003;46(1):11-29.


Presentations and Abstracts 2003


Lee DJ. Round four results of secondhand smoke exposure determined by salivary cotinine and reported earaches in adolescents. Presented at the 12th World Conference on Tobacco or Health. Helsinki, Finland, Aug 3-8, 2003.


**Book Chapters, etc., 2003**


2002

Publications 2002


**Presentations and Abstracts 2002**


Book Chapters, etc., 2002
Presentations and Posters at FAMRI Symposia

Flight Attendant Medical Research Institute Thirteenth Scientific Symposium.

Al-Delaimy WK. Population study on utility of hair and toenail nicotine levels to validate questionnaire. 2014


Ather JL, Poynter ME. Serum amyloid A3 modulates obesity, inflammation, and airway hyperresponsiveness. 2014.


Borchers MT. Cytotoxic T cell expansions in smoke-induced lung disease. 2014.


Chan HL, Bai F, Scott A, Pei XH. Genetic analysis of the role of GATA3 in breast tumorigenesis. 2014.


Chen Y. Virus and COPD exacerbation. 2014.

Cole P, Brahmer J. FAMRI Center of Excellence at Johns Hopkins. 2014


Dasgupta P. Nicotine/acetylcholine signaling pathway-the effects on town and gown. 2014.

Farassati F. Targeting Ezh2 and CD 133 as markers for cancer stem cells. 2014.

Foronjy R. Cathepsin G degradation of phospholipid tranfer protein (PLTP) augments pulmonary inflammation. 2014.

Foronjy RF, Dabo AJ, Taggart CC, Weldon S, Geraghty P. Respiratory syncytial virus infections enhance cigarette smoke induced COPD in mice. 2014.

Gally F. Cigarette smoke inhibits bacteria-induced FABP5 expression by preventing c-Jun binding to FABP5 promoter. 2014.


Geraghty P. PTP1B regulates cigarette smoke/RSV activated TLRs. 2014.

Ghosh M. Tissue stem cells play a critical role in cigarette smoke-induced airway injury that precedes the development of squamous cell lung cancer. 2014.


Gottlieb M. Emerging tobacco endgame strategies in the US. 2014.

Hayashi M, Chen G, Collaco JM, McGrath-Morrow S. Effects of E-cigarette exposure on early postnatal alveolar development in neonatal mice. 2014.

Henschke C. FAMRI IELCAP Collaborative Network. 2014.

Hosakote YM, Garofalo RP, Kurosky A. Cigarette smoke condensate enhances RSV-induced HMGB1 release from human lung epithelial cells. 2014.

Jeyaseelan S. Secondhand smoke exposure impairs host defense against bacterial infection. 2014.

Kalkhoran S, Jordan JA, Neilands TB, Ling PM. Bar and nightclub intervention to decrease young adult smoking in New Mexico. 2014.

Klein J. Julius B. Richmond Center for Children at AAP. 2014

Kosmider B. Human alveolar type II cell injury in emphysema. 2014.
Kulkarni R. Secondhand smoke promotes the emergence of hypervirulent Staphylococcus aureus. Lessons from RNAseq mouse model. 2014.

Kurdowska A. Secondhand tobacco smoke and atherosclerosis. 2014.


Luo HR. Cigarette smoke (CS) and nicotine delay neutrophil spontaneous death via suppressing production of diphosphoinositol pentakisphosphate. 2014.


Mogan J, Perraud A-L, Gally F. Cigarette smoke inhibits bacteria-induced FABP5 expression by preventing c-Jun binding to FABP5 promoter. 2014.

Morissette M. Disruption in pulmonary surfactant homeostasis triggers inflammatory response to cigarette smoke. 2014.


Pabelick C. Exposure to cigarette smoke extract increases proliferation and extracellular matrix deposition in human fetal airway smooth muscle cells. 2014.

Polverino F, Laacho-Contreras M, Divo M, Pinto-Plata V, Celli B, Owen CA. ADAM9 expression is upregulated in the lung by secondhand smoke and ADAM9 promotes emphysema development in mice. 2014.


Prokhorov AV. Creating a Smartphone app based on evidence-based project CASA (Clean Air-Safe Air). 2014.

Redberg RA. The FAMRI-Bland Lane Center of Excellence at UCSF. 2014.


Rotter V. The FAMRI Center of Excellence at Weizmann Institute. 2014.


Shetty S. Role of PAI-1 in tobacco smoke-induced lung injury. 2014.


Sussan T, Harvey C, Thimmulappa R, Biswal S. Inflammasome signaling is dispensable for cigarette smoke-induced emphysema. 2014.

Tanski S. Real-time measurement of secondhand tobacco smoke using a personal sensing device. 2014.

Vandivier RW. Proactive integrated care improves healthcare-related and patient-centered outcomes in advanced COPD. 2014

Vedagiri K, Nelson C, Kenche H, Richards D, Blumental-Perry A. Adverse outcomes associated with cigarette smoke radicals related to damage to protein disulfide isomerase followed by ATF6 activation. 2014.

Vij N. First- and secondhand cigarette smoke-induced aggresome formation mediates COPD-emphysema pathogenesis. 2014


**Flight Attendant Medical Research Institute Twelfth Scientific Symposium. Miami, FL, May 6-8, 2013.**


Ather JL, Poynter ME. Serum amyloid A modulates dendritic cell apoptosis to induce glucocorticoid resistance in CD4+ T cells. 2013.


Carson JL. Linking subtle pathologies to the emergence of adverse respiratory health effects. 2013.


Cremona TP, Tchanz SA, Benarafa C. Deficiency in neutrophil protease inhibitor serpinB1 is not associated with increased susceptibility to cigarette smoke-induced emphysema in mice. 2013.


Gomez-Villalobos JL, Chupp G. YKL-40 is associated with secondhand smoke exposure in asthma. 2013.

Hosakote YM, Garofalo RP, Kurosky A. Role of high mobility group box 1 protein (HMGB1) in tobacco smoke-induced respiratory syncytial virus bronchiolitis. 2013.


Messier EM, Bahmed K, Bowler RP, Tuder RM, Kleeberger SW, Chu HW, Mason RJ, Kosmider B. Trolox contributes to Nrf2-mediated protection of human and murine primary alveolar type II cells from injury by cigarette smoke. 2013.


Shetty S. Regulation of tobacco smoke induced airway injury. 2013.


Wu Q, Jiang D, Chu HW. CS increases GDF15 to impair lung innate immunity. 2013.


**Flight Attendant Medical Research Institute Eleventh Scientific Symposium. Miami, FL, Apr 30-May 2, 2012**

Bansal-Travers M. Evaluating the characteristics that influence persuasiveness of secondhand smoke advertisements. 2012.

Carson JL. Tobacco smoke exposure causes structural modifications of airway epithelial cells. 2012.

Collaco JM, Aherera AD, McGrath-Morrow SA. Secondhand smoke exposure increases length of time on supplemental oxygen in preterm infants with bronchopulmonary dysplasia. 2012.


Cremona TP, Benarafa C. Altered Pseudomonas clearance in protease inhibitor deficient mice after acute and chronic smoke exposure. 2012.


Degar A, Pandit, Kenche H, Perry Y, Kaminski N, Blumental-Perry A. Smoke-induced miRNA expression profiles of Type II cells differ from total lung and macrophages. 2012.


Gally F, Hong Wei Chu HW, Bowler R. Cigarette smoke impairs fatty acid binding protein 5-mediated bacterial clearance in human airway epithelial cells. 2012.

Gattas MV, Fregien N. Inhibition of EGFR signaling prevents cigarette smoke-induced ciliated cell loss. 2012.


Kenche H, Vedagiri K, Shapiro SD, Blumental-Perry A. Cigarette smoking affects oxidative protein folding in endoplasmic reticulum by modifying protein disulphide isomerase. 2012.


Kosmider B, Messier EM, Chu HW, Kleeberger SR, Mason RJ. Nrf2 protects human and mouse alveolar type II cells against injury by cigarette smoke. 2012.


Lera RF, Burkard ME. An alternative approach to Plk1 study reveals its requirement for chromosome segregation 2012.
Levantini E. The transcription factor C/EBPα: novel therapeutic target for asthma. 2012.


**Flight Attendant Medical Research Institute Web Symposium. Jun 28, 2011.**

Bansal-Travers M. Evaluating the characteristics that influence persuasiveness of secondhand smoke advertisements. 2011.


Kosmider B, Messier E, Chu HW, Mason RJ. The role of Nrf2 in response to cigarette smoke. 2011.


Trentini JF, Poluch S, Juliano SL, O’Neill JT. Neuronal migration from the ganglionic eminence is inhibited by carbon monoxide through a cGMP-dependent mechanism. 2011.


Xiong Z, Leme AS, Ray P, Shapiro SD, Lee JS. CX3CR1+ lung mononuclear phagocytes spatially confined to the interstitium produce TNF-a and IL-6 and promote cigarette-smoke induced emphysema. 2011.

**Flight Attendant Medical Research Institute Ninth Scientific Symposium. Miami, FL, May 3-5, 2010.**

Bansal-Travers M. Evaluating the characteristics that influence persuasiveness of secondhand smoke advertisements. 2010.

Bowler R. Molecular phenotype of early emphysema. 2010.


Etzel RA, Bhave S, Klein JD, le Roux H, Winickoff JP, Lando HA. Pediatric tobacco control: global opportunities to improve the health of children and youth. 2010.


Gottlieb, M. Legal/regulatory approaches to smoke-free housing. 2010.


Kosmider B, Chu HW, Mason RJ. Human alveolar type II cell injury by cigarette smoke. 2010.


Srisuma S. Serine protease inhibitor E2 and COPD. 2010.


Trentini JF, Juliano SL, O’Neill JT. Prenatal exposure to low levels of carbon monoxide impairs interneuron migration into the neocortex and alters sensorimotor gating in mice. 2010.

Vij N. Aberrant regulation of proteasomal pathway is critical for COPD pathogenesis. 2010.


**Flight Attendant Medical Research Institute Eighth Scientific Symposium. Boston, MA, May 11-13, 2009.**

Chan SSC, Yau JPL, Leung DYP, Leung AYM, Leung GM, Leung S, Emmons K, Lam TH. Exploring protective measures taken to prevent household
secondhand smoke of smoking fathers and non-smoking mothers with infants under 18-months. 2009.


Connolly GN, Hovell M, Gottlieb MA. Smokefree homes for children and opportunities to transform public housing smoking policies. 2009.


Crane-Godreau M. Effect of secondhand tobacco smoke on respiratory and reproductive tract epithelial cell production and release of CCL20. 2009.


Farassati F. Usurping signaling characteristics of breast, cervical, and prostate cancer to target them with a 'signal-smart’ virus. 2009.


Kolka Welt C. Gene/tobacco interactions and ovarian function. 2009.


Lin YY, Turino GM. Elastin degradation in pulmonary diseases. 2009

Marsit CJ. Role of SHS on somatic alterations in bladder cancer. 2009.


Milberger SA. Research and education on smoke-free air for pets and families. 2009.


Reynolds PR. Rage-mediated effects of pulmonary inflammation and emphysema. 2009.


Vij N. Aberrant regulation of proteasomal pathway is critical for COPD pathogenesis. 2009.


Zhao F, Leong KW. Small diameter blood vessel regeneration by biomimetic engineering. 2009.

**Flight Attendant Medical Research Institute Seventh Scientific Symposium. Boston, MA, May 12-14, 2008.**

Al-Delaimy WK. the risk of coronary heart disease among women exposed to secondhand tobacco smoke. 2008.


Bansal-Travers M. Evaluating the characteristics that influence persuasiveness of secondhand smoke advertisements. 2008.


Becker PM. Neuropilin-1 and emphysema. 2008.
Chu HW. Effects of cigarette smoke and Mycoplasma pneumoniae on VEGF expression by human primary small and large airway epithelial cells. 2008.
Cousins SW. Inflammation, smoking, and blindness from ocular neovascularization. 2008.
Cutting GR. Exposure to secondhand smoke and TGFB1 SNPs interact to decrease lung function in cystic fibrosis. 2008.
Das SJ. Role of peripheral benzodiazepine receptors in breast cancer induced by secondhand smoke. 2008.
Farassati F. Usurping signaling characteristics of breast, cervical, and prostate cancer to target them with a ‘signal-smart’ virus. 2008.
Fong Y. Green fluorescent protein (GFP) oncolytic herpes virus detection of cigarette smoke-related cancers. 2008.
Gottlieb MA, FAMRI Flight Attendant Trustees, FAMRI Lay Advisory Board, FAMRI Distinguished Professors. The ADA, the FDA and SHS - What it means. 2008.


Jenssen BP, Klein JD, Salazar LF, DiClemente RJ, Daluga NA. Pro-smoking media use by adolescents on the Internet: a content analysis. 2008.


Larco DO, Cruthirds DF, Wu TJ. Adult rats treated with cigarette smoke condensate during the neonatal age have behavioral deficits. 2008.

Larsson LP. Tobacco smoke endotoxin. 2008.


Ling P. Reversing tobacco market research on young adults. 2008.


Ren M, Trentini JF, Li A, O’Neill JT. HIF-2α not HIF-1α sustains the response to chronic carbon monoxide hypoxia in mice. 2008.


Simonian P. Identification of pathogenic CD4+ T-cells in the lungs of patients with severe emphysema. 2008.


Wong BJF. Screening and diagnosis of laryngeal cancer with OCT. 2008.


Zahnow C. Activation of CUBGP1 in breast by secondhand tobacco smoke. 2008.


Bluestein D. Secondhand tobacco smoke platelet activation and cardiovascular risk. 2007.


Califano JA. Tobacco-induced mitochondrial alterations in upper aerodigestive mucosa. 2007.

Cutler CB, Fryer GE, Jr, Miyoshi T, Weitzman M. Adult smoking as a risk factor for household food insecurity. 2007.


Das SK. Role of peripheral benzodiazepine receptors in breast cancer induced by secondhand smoke. 2007.


Hu G, Barnes BJ. IRF-5 is a critical mediator of the death receptor-induced apoptotic signaling pathway. 2007.

Klareskog L. Tobacco-caused rheumatoid arthritis; genes, mechanisms, and specific therapy. 2007.

Klein JD. American Academy of Pediatrics, Julius B. Richmond Center of Excellence for Children. 2007.


Park BH. Estrogen receptor signaling in normal and cancerous breast epithelial cells. 2007.


Salihu HM. Effect of secondhand tobacco smoke on fetal body size and brain. 2007.


Wilder JA. Environmental tobacco smoke exacerbates allergic asthma. 2007.


Wong RJ. Sensitivity of tobacco-induced cancer to herpes viral oncolysis. 2007.

Zhang J. Secondhand tobacco smoke-induced lung cell death via nitric oxide cytochrome c oxidase signaling. 2007.


**Flight Attendant Medical Research Institute Fifth Scientific Symposium. Miami, FL, May 10-12, 2006.**

Cairns P. Early detection of bladder and renal cell cancer by hypermethylation. 2006

Curci JA. MMP-9 is increased in smoking-induced model of abdominal aortic aneurysms. 2006.

Deng X. The role of Be12 in nicotine-induced survival signaling and chemoresistance in human lung cancer cells. 2006.

Edvinsson L. Effects of smoking particles on the arterial wall. 2006.

Fong Y. Green fluorescent protein (GFP) oncolytic herpes virus detection of cigarette smoke related cancers. 2006.


Halmos B. Development of stem cell model systems of lung cancer and tobacco-damaged airway epithelium. 2006


Hyland A. A 30-County comparison of levels of indoor air pollution in different workplaces. 2006.


Lagercrantz H. Altered blood pressure and heart rate control in newborn infants of smoking mothers. 2006.

LeBeau, AM, Williams SA, Denmeade SR. The macronome as a tool for early cancer diagnosis. 2006.

Liuba P. Impact of passive smoking on early atherosclerosis in children with type 1 diabetes mellitus. 2006.


Narayan S. Mechanisms of cigarette smoke carcinogen- induced transformation of normal breast epithelial cells. 2006


Raman V. Activation of DDX3 By benzo[A]pyrene diol epoxide, a component of secondhand tobacco smoke, in human breast cells. 2006.

Robbins RA. Lower respiratory tract total protein and sputum neutrophils are increased in second hand smokers and smokers. 2006.

Shenassa E. Secondhand smoke, maternal stress, and adverse birth outcomes. 2006


Switzer P. Quantifying human exposure to second hand tobacco smoke. 2006

Walter RE. COPD in the Framingham Heart Study. 2006.

Watkins DN. Cyclopamine inhibits hedgehog signalling and growth in lung cancer cells. 2006


**Flight Attendant Medical Research Institute Fourth Scientific Symposium. Miami, FL, May 12-13, 2005.**


Mahoney, MC. Clearing the air: early results on the effectiveness of clean indoor air legislation in New York State. 2005.


**Flight Attendant Medical Research Institute Third Scientific Symposium. Miami, FL, May 12-14, 2004.**


Grando S. Precocious skin aging due to SHS. 2004.


**Flight Attendant Medical Research Institute Second Scientific Symposium. Miami, FL, May 14-16 2003.**

Deng X. The role of Bc12 in nicotine-induced survival signaling and chemoresistance in cancer cells. 2003.
Grando S. Central role of alpha7 nicotinic receptor in differentiation of the stratified epithelium. 2003.
Lee DJ. Preliminary findings from round 4 data collection. 2003.
Lee D. Secondhand tobacco smoke exposure determined by salivary cotinine and earaches. 2003.


Rodriguez R. Evaluation of the effect of histone deacetylase inhibitors on bladder cancer motility and invasion.


**Flight Attendant Medical Research Institute First Scientific Symposium. Miami, FL, April 10-12, 2002.**