

Original Articles

1. Wiencke, JK, Kelsey, K, Kreiger, R, and Garry, VF. Serum- and plasma-dependent variations of benzo(a)pyrene-induced sister chromatid exchange in human lymphocytes. *Basic Life Sci* 29:715-28, 1984.
2. Kelsey, KT, and Christiani, DC. Approach to asbestos worker compensation plan alleged to be flawed [letter]. *J Occ Med* 27:790-91, 1985.
3. Kelsey, KT, Yano, E, Liber, HL, and Little, JB. The *in vitro* genetic effects of fibrous erionite and crocidolite asbestos. *Br J Cancer* 54:107-14, 1986.
4. Kelsey, KT, Christiani, DC, and Little, JB. Enhancement of beno[a]pyrene-induced sister chromatid exchanges in lymphocytes from cigarette smokers occupationally exposed to asbestos. *J Natl Cancer Inst* 77:321-27, 1986.
5. Kelsey, KT, Nagasawa, H, Umans, RS, and Little, JB. Epidermal growth factor induces cytogenetic damage in mammalian cells. *Carcinogenesis* 8:625-7, 1987.
6. Kelsey, KT, Wiencke, JK, Little, FF, Baker, EL Jr, and Little, JB. Effects of cigarette smoking and solvent exposure on sister chromatid exchange frequency in painters. *Environ Mol Mutagen* 11:389-99, 1988.
7. Kelsey, KT, Wiencke, JK, Eisen, EA, Lynch, DW, Lewis, TR, and Little, JB. Persistently elevated sister chromatid exchanges in ethylene oxide-exposed primates: The role of a subpopulation of high frequency cells. *Cancer Res* 48:5045-50, 1988.
8. Kelsey, KT, Wiencke, JK, Eisen, EA, Lynch, DW, Lewis, TR, and Little, JB. Sister chromatid exchange in chronic ethylene oxid-exposed primates: Unexpected effects of *in vitro* culture duration, incubation temperature, and serum supplementation. *Cancer Res* 49:1727-31, 1989.
9. Kelsey, KT, Wiencke, JK, Little, FF, Baker, EL Jr, and Little, JB. Sister chromatid exchange in painters recently exposed to solvents. *Environ Res* 50:248-55, 1989.
10. Hu, H, Fine, J, Epstein, P, Kelsey, K, Reynolds, P, and Walker, B. Tear gas—harassing agent or toxic chemical weapon? *JAMA* 262:660-63, 1989.
11. Kelsey, KT. Cytogenetic techniques for biological monitoring. *Occup Med* 5:39-47, 1990.
12. Wiencke, JK, Kelsey, KT, Lamela, RA, and Toscano, WA Jr. Human glutathione S-transferase deficiency as a marker of susceptibility to epoxide-induced cytogenetic damage. *Cancer Res* 50:1585-90, 1990.
13. Kelsey, KT, Smith, TJ, Hammond, SK, Letz, R, and Little, JB. Sister chromatid exchanges in lymphocytes from styrene-exposed boat builders. *Mutat Res* 241:215-21, 1990.
14. Wiencke, JK, Kelsey, KT, Lamela, RA, and Toscano, WA Jr. Genetic polymorphisms in carcinogen metabolism predict substrate-induced cytogenetic damage in humans. *Mutat Environ Part B*:137-47, 1990.
15. Kern, DG, Christiani, DC, Kelsey, KT, Hu, H, Frumkin, H, Kreiss, K, Rose, C, Newman, LS, Jarvis, J, Garabrant, D, et al. Asbestos-related diseases [letter]. *N Eng J Med* 324:195-97, 1991.
16. Wiencke, JK, Christiani, DC, and Kelsey, KT. Bimodal distribution of sensitivity to SCE induction by diepoxybutane in human lymphocytes. I. Correlation with chromosomal aberrations. *Mutat Res* 248:17-26, 1991.

17. Kelsey, KT, Christiani, DC, and Wiencke, JK. Bimodal distribution of sensitivity to SCE induction by diepoxybutane in human lymphocytes. II. Relationship to baseline SCE frequency. *Mutat Res* 248:27-33, 1991.
18. Kelsey, KT, Christiani, DC, Wegman, DH, Himmelstein, JS, and Kern, DG. Benzene and Hodgkin's disease [letter]. *J Occ Environ Med* 33:257, 1991.
19. Yakes, B, Kelsey, KT, Seitz, T, Hashimoto, D, Feldman, HA, and Christiani, DC. Occupational skin disease in newspaper pressroom workers. *J Occ Med* 33:711-17, 1991.
20. Hashimoto, DM, Kelsey, KT, Seitz, T, Feldman, HA, Yakes, B, and Christiani, DC. The presence of urinary cellular sediment and albuminuria in newspaper pressworkers exposed to solvents. *J Occ Med* 33:516-26, 1991.
21. Kelsey, KT, Donohoe, KJ, Baxter, B, Memisoglu, A, Little JB, Caggana, M, and Liber, HL. Genotoxic and mutagenic effects of the diagnostic use of thallium-201 in nuclear medicine. *Mutat Res* 260:239-46, 1991.
22. Kelsey, KT, Memisoglu, A, Frenkel, D, and Liber, HL. Human lymphocytes exposed to low doses of X-rays are less susceptible to radiation-induced mutagenesis. *Mutat Res* 263:197-201, 1991.
23. Caggana, M, Liber, HL, Mauch, PM, Coleman, CN, and Kelsey, KT. In vivo somatic mutation in the lymphocytes of Hodgkin's disease patients. *Environ Mol Mutagen* 18:6-13, 1991.
24. Caggana, M, and Kelsey, KT. Sister chromatid exchange frequency in Hodgkin's disease patients with elevated *in vivo hprt* mutant frequencies. *Carcinogenesis* 12:2141-45, 1991.
25. Kelsey, KT, Donohoe, KJ, Memisoglu, A, Baxter, B, Caggana, M, and Liber, HL. In vivo exposure of human lymphocytes to technetium-99^m in nuclear medicine patients does not induce detectable genetic effects. *Mutat Res* 264:213-18, 1991.
26. Caggana, M, Benjamin, MB, Little, JB, Liber, HL, and Kelsey, KT. Single strand conformation polymorphisms can be used to detect T cell receptor gene rearrangements: An application to the *in vivo hprt* mutation assay. *Mutagenesis* 6:375-79, 1991.
27. Wiencke, JK, Wara, DW, Little, JB, and Kelsey, KT. Heterogeneity in the clastogenic response to X-rays in lymphocytes from ataxia-telangiectasia heterozygotes and controls. *Cancer Causes Control* 3:237-45, 1992.
28. LaMontagne, AD, Kelsey, KT, Ryan, CM, and Christiani, DC. A participatory workplace health and safety training program for ethylene oxide. *Am J Ind Med* 22:651-64, 1992.
29. Cullen, MR, Solomon, LR, Pace, PE, Buckley, P, Duffy, TP, McPhedran, P, Kelsey, KT, and Redlich, CA. Morphologic, biochemical, and cytogenetic studies of bone marrow and circulating blood cells in painters exposed to ethylene glycol ethers. *Environ Res* 59:250-64, 1992.
30. Caggana, M, Liber, HL, Coleman, CN, Mauch, P, Clark, JR, and Kelsey, KT. A prospective study of *hprt* mutant and mutation frequencies in treated cancer patients. *Cancer Epidemiol Biomarkers Prev* 1:573-80, 1992.
31. Hu, H, Beckett, L, Kelsey, K, and Christiani, D. The left-sided predominance of asbestos-related pleural disease. *Am Rev Respir Dis* 148:981-84, 1993.
32. Hunter, DJ, and Kelsey, KT. Pesticide residues and breast cancer: The harvest of a silent spring? *J Natl Cancer Inst* 85:598-99, 1993.
33. Kelsey, KT, Caggana, M, Mauch, PM, Coleman, CN, Clark, JR, and Liber, HL. Mutagenesis after cancer therapy. *Environ Health Perspect* 101(S3):177-84, 1993.

34. LaMontagne, AD, Christiani, DC, and Kelsey, KT. Utility of the complete blood count in routine medical surveillance for ethylene oxide exposure. *Am J Ind Med* 24:191-206, 1993.
35. Kelsey, KT, Caggana-Aviles, M, Mauch, P, Coleman, CN, Shulman, LN, and Liber, HL. Mutagenesis after therapy for Hodgkin's disease. *Hematol Oncol Clin North Am* 7:353-67, 1993.
36. Haefeli, WE, Srivastava, N, Kelsey, KT, Wiencke, JK, Hoffman, BB, and Blaschke, TF. Glutathione S-transferase μ polymorphism does not explain variation in nitroglycerin responsiveness. *Clin Pharmacol Ther* 53:463-68, 1993.
37. Smith, CM, Kelsey, KT, and Christiani, DC. Risk assessment and occupational health: Overview and recommendations. *New Solutions* 3:26-38, 1993.
38. Kelsey, KT, Xia, F, Bodell, WJ, Spengler, JD, Christiani, DC, Dockery, DW, and Liber, HL. Genotoxicity to human cells induced by air particulates isolated during the Kuwait oil fires. *Environ Res* 64:18-25, 1994.
39. Hauser, R, García-Closas, M, Kelsey, KT, and Christiani, DC. Variability of nasal lavage polymorphonuclear leukocyte counts in unexposed subjects: Its potential utility for epidemiology. *Arch Environ Health* 49: 267-72, 1994.
40. Kelsey, KT, Wiencke, JK, and Spitz, MR. A race-specific polymorphism in the CYP1A1 gene is not associated with lung cancer in African Americans. *Carcinogenesis* 15:1121-24, 1994.
41. Smith, CM, Kelsey, KT, Wiencke, JK, Leyden, K, Levin, S, and Christiani, DC. Inherited glutathione-S-transferase deficiency is a risk factor for pulmonary asbestosis. *Cancer Epidemiol Biomarkers Prev* 3:471-77, 1994.
- 41A. LaMontagne, AD, and Kelsey, KT. Medical surveillance under OSHA's ethylene oxide standard in hospitals: Research findings and their implications for employee health practice. *J Hosp Occup Health* 15:6-9, 1995.
42. Schwartz, BS, Lee, B-K, Stewart, W, Ahn, K-D, Springer, K, and Kelsey, K. Associations of δ -aminolevulinic acid dehydratase genotype with plant, exposure duration, and blood lead and zinc protoporphyrin levels in Korean lead workers. *Am J Epidemiol* 142:738-45, 1995.
43. Smith, CM, Wang, X, Hu, H, and Kelsey, KT. A polymorphism in the δ -aminolevulinic acid dehydratase gene may modify the pharmacokinetics and toxicity of lead. *Environ Health Perspect* 103:248-53, 1995.
44. Xia, F, Wang, X, Wang, Y-H, Tsang, N-M, Yandell, DW, Kelsey, KT, and Liber, HL. Altered p53 status correlates with differences in sensitivity to radiation-induced mutation and apoptosis in two closely related human lymphoblast lines. *Cancer Res* 55:12-15, 1995.
45. Wang, X, Christiani, DC, Wiencke, JK, Fischbein, M, Xu, X, Cheng, TJ, Mark, E, Wain, JC, and Kelsey, KT. Mutations in the p53 gene in lung cancer are associated with cigarette smoking and asbestos exposure. *Cancer Epidemiol Biomarkers Prev* 4:543-48, 1995.
46. Phillips, EN, Xia, F, Kelsey, KT, and Liber, HL. Spectra of spontaneous and X-ray-induced mutations at the hprt locus in related human lymphoblast cell lines that express wild-type or mutant p53. *Radiat Res* 143:255-62, 1995.
47. Nelson, HH, Wiencke, JK, Christiani, DC, Cheng, TJ, Zuo, Z-F, Schwartz, BS, Lee, B-K, Spitz, MR, Wang, M, Xu, X, and Kelsey, KT. Ethnic differences in the prevalence of the homozygous deletion genotype of glutathione S-transferase theta. *Carcinogenesis* 16:1243-45, 1995.
48. Cheng, T-J, Christiani, DC, Liber, HL, Wain, JC, Xu, X, Wiencke, JK, and Kelsey, KT. Mutant frequency at the hprt locus in human lymphocytes in a case-control study of lung cancer. *Mutat Res* 332:109-18, 1995.

49. Cheng, T-J, Christiani, DC, Xu, X, Wain, JC, Wiencke, JK, and Kelsey, KT. Glutathione S-transferase μ genotype, diet, and smoking as determinants of sister chromatid exchange frequency in lymphocytes. *Cancer Epidemiol Biomarkers Prev* 4:535-42, 1995.
50. Wiencke, JK, Pemble, S, Ketterer, B, and Kelsey, KT. Gene deletion of glutathione S-transferase θ : Correlation with induced genetic damage and its potential role in endogenous mutagenesis. *Cancer Epidemiol Biomarkers Prev* 4:253-59, 1995.
51. Wiencke, JK, Kelsey, KT, Varkonyi, A, Semey, K, Wain, JC, Mark, E, and Christiani, DC. Correlation of DNA adducts in blood mononuclear cells with tobacco carcinogen-induced damage in human lung. *Cancer Res* 55:4910-14, 1995.
52. Kelsey, KT, Wiencke, JK, Ward, J, Bechtold, W, and Fajen, J. Sister chromatid exchanges, glutathione S-transferase θ deletion and cytogenetic sensitivity to diepoxybutane in lymphocytes from butadiene monomer production workers. *Mutat Res* 335:267-73, 1995.
53. Smith, CM, Hu, H, Wang, X, and Kelsey, KT. ALA-D genotype is not associated with HT or HB levels among workers exposed to low levels of lead. *Med Lav* 86:229-35, 1995.
54. Cheng, T-J, Christiani, DC, Wiencke, JK, Wain, JC, Xu, X, and Kelsey, KT. Comparison of sister chromatid exchange frequency in peripheral blood lymphocytes in lung cancer cases and controls. *Mutat Res* 348:75-82, 1995.
55. Wang, X, Egan KM, Gragoudas, ES, and Kelsey, KT. Constitutional alterations in p16 in patients with uveal melanoma. *Melanoma Res* 6:405-10, 1996.
56. Xu, X, Kelsey, KT, Wiencke, JK, Wain, JC, and Christiani, DC. Cytochrome P450 CYP1A1 MspI polymorphism and lung cancer susceptibility. *Cancer Epidemiol Biomarkers Prev* 5:687-92, 1996.
57. Ward, JB Jr, Ammenheuser, MM, Whorton, EB Jr, Bechtold, WE, Kelsey, KT, and Legator, MS. Biological monitoring for mutagenic effects of occupational exposure to butadiene. *Toxicology* 113:84-90, 1996.
58. LaMontagne, AD, Rudd, RE, Mangione, TW, and Kelsey, KT. Determinants of the provision of ethylene oxide medical surveillance in Massachusetts hospitals. *J Occup Environ Med* 38:155-68, 1996.
59. Kelsey, KT. Informed consent for genetic research. *JAMA* 275:1085, 1996.
60. Cheng, T-J, Christiani, DC, Xu, X, Wain, JC, Wiencke, JK, and Kelsey, KT. Increased micronucleus frequency in lymphocytes from smokers with lung cancer. *Mutat Res* 349:43-50, 1996.
61. Chen, J, Giovannucci, E, Kelsey, KT, Rimm, EB, Stampfer, MJ, Colditz, GA, Spiegelman, D, Willett, WC, and Hunter, DJ. A methylenetetrahydrofolate reductase polymorphism and the risk of colorectal cancer. *Cancer Res* 56:4862-64, 1996.
62. Huncharek, M, Kelsey, K, Mark, EJ, Muscat, J, Choi, N, Carey, R, and Christiani, D. Treatment and survival in diffuse malignant pleural mesothelioma: A study of 83 cases from the Massachusetts General Hospital. *Anticancer Res* 16:1265-68, 1996.
63. Huncharek, M, Kelsey, K, Muscat, J, and Christiani, D. Parental cancer and genetic predisposition in malignant pleural mesothelioma: A case-control study. *Cancer Lett* 102:205-8, 1996

64. LaMontagne, AD, Mangione, TW, Christiani, DC, and Kelsey, KT. Medical surveillance for ethylene oxide exposure: Practices and clinical findings in Massachusetts hospitals. *J Occup Environ Med* 38: 144-54, 1996.
65. Hunter, DJ, Hankinson, SE, Hough, H, Gertig, DM, García-Closas, M, Spiegelman, D, Manson, JE, Colditz, GA, Willett, WC, Speizer, FE, and Kelsey, K. A prospective study of *NAT2* acetylation genotype, cigarette smoking, and risk of breast cancer. *Carcinogenesis* 18:2127-32, 1997.
66. Schwartz, BS, Lee, B-K, Stewart, W, Sithisarankul, P, Strickland, PT, Ahn, K-D, and Kelsey, K. δ -Aminolevulinic acid dehydratase genotype modifies four hour urinary lead excretion after oral administration of dimercaptosuccinic acid. *J Occup Environ Med* 54:241-46, 1997.
67. Schwartz, BS, Lee, B-K, Stewart, W, Ahn, K-D, Kelsey, K, and Bressler, J. Associations of subtypes of hemoglobin with delta-aminolevulinic acid dehydratase genotype and dimercaptosuccinic acid-chelatable lead levels. *Arch Environ Health* 52:97-103, 1997.
68. Sithisarankul, P, Schwartz, BS, Lee, B-K, Kelsey, KT, and Strickland, PT. Aminolevulinic acid dehydratase genotype mediates plasma levels of the neurotoxin, 5-aminolevulinic acid, in lead-exposed workers. *Am J Ind Med* 32:15-20, 1997.
69. Wu, M-T, Kelsey, KT, Mao, I-F, Wypij, D, Liu, H-W, and Christiani, DC. Elevated serum liver enzymes in coke oven and by-product workers. *J Occup Environ Med* 39:527-33, 1997.
70. Kelsey, KT, Spitz, MR, Zuo, Z-F, and Wiencke, JK. Polymorphisms in the glutathione S-transferase class *mu* and *theta* genes interaction and increase susceptibility to lung cancer in minority populations. *Cancer Causes Control* 8:554-59, 1997.
71. Wiencke, JK, Spitz, MR, McMillan, A, and Kelsey, KT. Lung cancer in Mexican-Americans and African-Americans is associated with the wild-type genotype of the NAD(P)H:quinone oxidoreductase polymorphism. *Cancer Epidemiol Biomarkers Prev* 6:87-92, 1997.
72. Kelsey, KT, Hankinson SE, Colditz, GA, Springer, K, García-Closas, M, Spiegelman, D, Manson, JE, Garland, M, Stampfer, MJ, Willett, WC, Speizer, FE, and Hunter, DJ. Glutathione S-transferase class μ deletion polymorphism and breast cancer: Results from prevalent *versus* incident cases. *Cancer Epidemiol Biomarkers Prev* 6:511-15, 1997.
73. Ishibe, N, Wiencke, JW, Zuo, Z-F, McMillan, A, Spitz, M, and Kelsey, KT. Susceptibility to lung cancer in light smokers associated with *CYP1A1* polymorphisms in Mexican- and African-Americans. *Cancer Epidemiol Biomarkers Prev* 6:1075-80, 1997.
74. Wiencke, JK, Wrensch, MR, Miike, R, Zuo, Z-F, and Kelsey, KT. Population-based case-control study of glutathione S-transferase *mu* gene deletion in adult glioma cases and controls. *Carcinogenesis* 18:1431-33, 1997.
75. Kelsey, KT, Ross, D, Traver, RD, Christiani, DC, Zuo Z-F, Spitz, MR, Wang, M, Xu, X, Lee, B-K, Schwartz, BS, and Wiencke, JK. Ethnic variation in the prevalence of a common NAD(P)H quinone oxidoreductase polymorphism and its implications for anti-cancer chemotherapy. *Br J Cancer* 76:852-54, 1997.
76. Kelsey, KT, Wrensch, M, Zuo, Z-F, Miike, R, and Wiencke, JK. A population-based case-control study of the *CYP2D6* and *GSTT1* polymorphisms and malignant brain tumors. *Pharmacogenetics* 7:463-68, 1997.
77. Hunter, DJ, Hankinson, SE, Hough, H, Gertig, DM, García-Closas, M, Spiegelman, D, Manson, JE, Colditz, GA, Willett, WC, Speizer, FE, and Kelsey, K. A prospective study of *NAT2* acetylation genotype, cigarette smoking, and risk of breast cancer. *Carcinogenesis* 18:2127-32, 1997.

78. Kelsey, KT, Nelson, HH, Wiencke, JK, Smith, CM, and Levin, S. The glutathione S-transferase Θ and μ deletion polymorphisms in asbestosis. *Am J Ind Med* 31:274-79, 1997.
79. García-Closas, M, Kelsey, KT, Wiencke, JK, Xu, X, Wain, JC, and Christiani, DC. A case-control study of cytochrome *P450 IAI*, glutathione S-transferase M1, cigarette smoking and lung cancer susceptibility. *Cancer Causes Control* 8:544-53, 1997.
80. Lee, BW, Kelsey, KT, Hashimoto, D, Yakes, B, Seitz, T, and Christiani, DC. The prevalence of pulmonary and upper respiratory tract symptoms and spirometric test findings among newspaper pressroom workers exposed to solvents. *J Occup Environ Med* 39:960-69, 1997.
81. LaMontagne, AD, and Kelsey, KT. Evaluating OSHA's ethylene oxide standard: Employer exposure-monitoring activities in Massachusetts hospitals from 1985 through 1993. *Am J Public Health* 87:1119-25, 1997.
82. Ishibe, N, and Kelsey, KT. Genetic susceptibility to environmental and occupational cancers. *Cancer Causes Control* 8:504-13, 1997.
83. Verhoef, P, Rimm, EB, Hunter, DJ, Chen, J, Willett, WC, Kelsey, K, and Stampfer, MJ. A common mutation in the methylenetetrahydrofolate reductase gene and risk of coronary heart disease: Results among US men. *J Am Coll Cardiol* 32:353-59, 1998.
84. Xu, X, Wiencke, JK, Niu, T, Wang, M, Watanabe, H, Kelsey, KT, and Christiani, DC. Benzene exposure, glutathione S-transferase theta homozygous deletion, and sister chromatid exchanges. *Am J Ind Med* 33:157-63, 1998.
85. Ma, J, Stampfer, MJ, Gann, PH, Hough, HL, Giovanucci, E, Kelsey, KT, Hennekens, CH, and Hunter, DJ. Vitamin D receptor polymorphisms, circulating vitamin D metabolites, and risk of prostate cancer in United States physicians. *Cancer Epidemiol Biomarkers Prev* 7:385-90, 1998.
86. Ishibe, N, Hankinson, SE, Colditz, GA, Spiegelman, D, Willett, WC, Speizer, FE, Kelsey, KT, and Hunter, DJ. Cigarette smoking, cytochrome *P450 IAI* polymorphisms and breast cancer risk in the Nurses' Health Study. *Cancer Res* 58:667-71, 1998.
87. Kelsey, KT, and Wiencke, JK. Editorial: Growing pains for the environmental genetics of breast cancer: Observations on a study of the glutathione S-transferases. *J Natl Cancer Inst* 90:484-85, 1998.
88. Nelson, HH, Wiencke, JK, Gunn, L, Wain, JC, Christiani, DC, and Kelsey, KT. Chromosome 3p14 alterations in lung cancer: Evidence that *FHIT* exon deletion is a target of tobacco carcinogens and asbestos. *Cancer Res* 58:1804-07, 1998.
89. Gertig, DM, Stampfer, M, Haiman, C, Hennekens, CH, Kelsey, K, and Hunter, DJ. Glutathione S-transferase *GSTM1* and *GSTT1* polymorphisms and colorectal cancer risk: A prospective study. *Cancer Epidemiol Biomarkers Prev* 7:1001-05, 1998.
90. Ishibe, N, Wiencke, JK, Zuo Z-F, McMillan, A, Spitz, MR, and Kelsey, KT. Polymorphisms in the *N*-acetyltransferase 1 (*NAT1*) gene and lung cancer risk in a minority population. *Biomarkers* 3:219-26, 1998.
91. LaMontagne, AD, and Kelsey, KT. OSHA's Renewed mandate for regulatory flexibility review: In support of the 1984 ethylene oxide standard. *Am J Ind Med* 34:95-104, 1998.
92. Chen, J, Giovannucci, E, Hankinson, SE, Ma, J, Willett, WC, Spiegelman, D, Kelsey, KT, and Hunter, DJ. A prospective study of methylenetetrahydrofolate reductase and methionine synthase gene polymorphisms, and risk of colorectal adenoma. *Carcinogenesis* 19:2129-32, 1998.

93. Chen, J, Stampfer, MJ, Hough, HL, García-Closas, M, Willett, WC, Hennekens, CH, Kelsey, KT, and Hunter, DJ. A prospective study of *N*-acetyltransferase genotype, red meat intake, and risk of colorectal cancer. *Cancer Res* 58:3307-11, 1998.
94. Feskanich, D, Hunter, DJ, Willett, WC, Hankinson, SE, Hollis, BW, Hough, HL, Kelsey, KT, and Colditz, GA. Vitamin D receptor genotype and the risk of bone fractures in women. *Epidemiology* 9:535-39, 1998.
95. Lee, BW, Wain, JC, Kelsey, KT, Wiencke, JK, and Christiani, DC. Association of cigarette smoking and asbestos exposure with location and histology of lung cancer. *Am J Respir Crit Care Med* 157:748-55, 1998.
96. Lee, BW, Wain, JC, Kelsey, KT, Wiencke, JK, and Christiani, DC. Association between diet and lung cancer location. *Am J Respir Crit Care Med* 158:1197-1203, 1998.
97. Gassert, TH, Hu, H, Kelsey, KT, and Christiani, DC. Long-term health and employment outcomes of occupational asthma and their determinants. *J Occup Environ Med* 40:481-91, 1998.
98. Alexander, BH, Checkoway, H, Costa-Mallen, P, Faustman, EM, Woods, JS, Kelsey, KT, van Netten, C, and Costa, LG. Interaction of blood lead and δ -aminolevulinic acid dehydratase genotype on markers of heme synthesis and sperm production in lead smelter workers. *Environ Health Perspect* 106:213-16, 1998.
99. Kales, SN, Aldrich, JM, Polyhronopoulos, GN, Artzerounian, D, Gassert, T, Hu, H, Kelsey, K, Sweet, C, and Christiani, DC. Fitness for duty evaluations in hazardous materials firefighters. *J Occup Environ Med* 40:925-31, 1998.
100. Gertig, DM, Hankinson, SE, Hough, H, Spiegelman, D, Colditz, GA, Willett, WC, Kelsey, KT, and Hunter, DJ. *N*-Acetyl transferase 2 genotypes, meat intake and breast cancer risk. *Int J Cancer* 80:13-17, 1999.
101. Haiman, CA, Hankinson, SE, Spiegelman, D, Colditz, GA, Willett, WC, Speizer, FE, Kelsey, KT, and Hunter, DJ. The relationship between a polymorphism in *CYP17* with plasma hormone levels and breast cancer. *Cancer Res* 59:1015-20, 1999.
102. Nelson, HH, Christiani, DC, Wiencke, JK, Mark, EJ, Wain, JC, and Kelsey, KT. *k-ras* mutation and occupational asbestos-related cancer without asbestosis. *Cancer Res* 59:4570-73, 1999.
103. Wiencke, JK, Thurston, SW, Kelsey, KT, Varkonyi, A, Wain, JC, Mark, EJ, and Christiani, DC. Early age at smoking initiation and tobacco carcinogen DNA damage in the lung. *J Natl Cancer Inst* 91:614-19, 1999.
104. García-Closas, M, Kelsey, KT, Hankinson, SE, Spiegelman, D, Springer, K, Willett, WC, Speizer, FE, and Hunter, JD. Glutathione *S*-transferase mu and theta polymorphisms and breast cancer susceptibility. *J Natl Cancer Inst* 91:1960-64, 1999.
105. Nelson, HH, Christiani, DC, Mark, EJ, Wiencke, JK, Wain, JC, and Kelsey, KT. Implications and prognostic value of *k-ras* mutation for early-stage lung cancer. *J Natl Cancer Inst* 91: 2032-38, 1999.
106. Wang, X, Christiani, DC, Mark, EJ, Nelson, HH, Wiencke, JK, Gunn, L, Wain, JC, and Kelsey, KT. Carcinogen exposure, p53 alteration and *K-ras* mutation in synchronous multiple primary lung carcinoma. *Cancer* 85:1734-39, 1999.
107. Kales, SN, Aldrich, JM, Polyhronopoulos, GN, Leitao, EO, Artzerounian, D, Gassert, TH, Hu, H, Kelsey, KT, Sweet, C, and Christiani, DC. Correlates of fitness for duty in hazardous materials firefighters. *Am J Ind Med* 36:618-29, 1999.

108. Schwartz, BS, Lee, B-K, Lee, G-S, Stewart, WF, Simon, D, Kelsey, K, and Todd, AC. Associations of blood lead, dimercaptosuccinic acid-chelatable lead, and tibia lead with polymorphisms in the vitamin D receptor and δ -aminolevulinic acid dehydratase genes. *Environ Health Perspect* 108:949-54, 2000.
109. Schwartz, BC, Stewart, WF, Kelsey, KT, Simon, D, Park, S, Links, JM, and Todd, AC. Association of tibial lead levels with *BsmI* polymorphisms in the vitamin D receptor in former organolead manufacturing workers. *Environ Health Perspect* 108:199-203, 2000.
110. Chen, P, Wiencke, J, Aldape, K, Kesler-Diaz, A, Miiike, R, Kelsey, K, Lee, M, Liu, J, and Wrensch, M. Association of an *ERCC1* polymorphism with adult-onset glioma. *Cancer Epidemiol Biomarkers Prev* 9:843-47, 2000.
111. Platz, EA, Wiencke, JK, Kelsey, KT, Janower, ML, Schottenfeld, D, Travis, LB, and Goldman, MB. Chromosomal aberrations and *hprt* mutant frequencies in long-term American thorotrast survivors. *Int J Radiat Biol* 76:955-61, 2000.
112. Ishibe, N, Stampfer, M, Hunter, DJ, Hennekens, C, and Kelsey, KT. A prospective study of the cytochrome p450 1A1 polymorphisms and colorectal cancer risk in men. *Cancer Epidemiol Biomarkers Prev* 9: 855-56, 2000.
113. Duell, EJ, Wiencke, JK, Cheng, T-J, Varkonyi, A, Zuo, ZF, Ashok, TDS, Mark, EJ, Wain, JC, Christiani, DC, and Kelsey, KT. Polymorphisms in the DNA repair genes *XRCC1* and *ERCC2* and biomarkers of DNA damage in human blood mononuclear cells. *Carcinogenesis* 21:965-71, 2000.
114. Fan, R, Wu, M-T, Miller, D, Wain, JC, Kelsey, KT, Wiencke, JK, and Christiani, DC. The *p53* codon 72 polymorphism and lung cancer risk. *Cancer Epidemiol Biomarkers Prev* 9:1037-42, 2000.
115. Hines, LM, Hankinson, SE, Smith-Warner, SA, Spiegelman, D, Kelsey, KT, Colditz, GA, Willett, WC, and Hunter, DJ. A prospective study of the effect of alcohol consumption and *ADH3* genotype on plasma steroid hormone levels and breast cancer risk. *Cancer Epidemiol Biomarkers Prev* 9:1099-1105, 2000.
116. Wiencke, JK, Kelsey, KT, Zuo, Z-F, Weinberg, A, and Wrensch, MR. Genetic resistance factor for HIV-1 and immune response to varicella zoster virus. *Lancet* 357:360-61, 2001.
117. Peters, ES, Kelsey, KT, Wiencke, JK, Park, S, Chen, P, Miiike, R, and Wrensch, MR. *NAT2* and *NQO1* polymorphisms are not associated with adult glioma. *Cancer Epidemiol Biomarkers Prev* 10:151-52, 2001.
118. LaMontagne, AD, and Kelsey, KT. Evaluating OSHA's ethylene oxide standard: Exposure determinants in Massachusetts hospitals. *Am J Public Health* 91:412-17, 2001.
119. Hirao, T, Nelson, HH, Ashok, TDS, Wain, JC, Mark, EJ, Christiani, DC, Wiencke, JK, and Kelsey, KT. Tobacco smoke-induced DNA damage and an early age of smoking initiation induce chromosome loss at 3p21 in lung cancer. *Cancer Res* 61:612-15, 2001.
120. Kim, D-H, Nelson, HH, Wiencke, JK, Christiani, DC, Wain, JC, Mark, EJ, and Kelsey, KT. Promoter methylation of DAP-kinase: Association with advanced stage in non-small cell lung cancer. *Oncogene* 20:1765-70, 2001.
121. Kim, D-K, Nelson, HH, Wiencke, JK, Zheng, S, Christiani, DC, Wain, JC, Mark, EJ, and Kelsey, KT. p16^{INK4a} and histology-specific methylation of CpG islands by exposure to tobacco smoke in non-small cell lung cancer. *Cancer Res* 61:3419-24, 2001.

122. Smith, TJ, Lin, Y-S, Mezzetti, M, Bois, FY, Kelsey, K, and Ibrahim, J. Genetic and dietary factors affecting human metabolism of 1,3-butadiene. *Chem Biol Interact* 135-36:407-28, 2001.
123. Lee, B-K, Lee, G-S, Stewart, WF, Ahn, K-D, Simon, D, Kelsey, KT, Todd, AC, and Schwartz, BS. Associations of blood pressure and hypertension with lead dose measures and polymorphisms in the vitamin D receptor and δ -aminolevulinic acid dehydratase gene. *Environ Health Perspect* 109:383-89, 2001.
124. Caggana, M, Kilgallen, J, Conroy, JM, Wiencke, JK, Kelsey, KT, Miike, R, Chen, P, and Wrensch, MR. Associations between *ERCC2* polymorphisms and gliomas. *Cancer Epidemiol Biomarkers Prev* 10:355-60, 2001.
125. Chen, P, Aldape, K, Wiencke, JK, Kelsey, KT, Miike, R, Davis, RL, Liu, J, Kesler-Diaz, A, Takahashi, M, and Wrensch, M. Ethnicity delineates different genetic pathways in malignant glioma. *Cancer Res* 61:3949-54, 2001.
126. Lin, Y-S, Smith, TJ, Kelsey, KT, and Wypij, D. Human physiologic factors in respiratory uptake of 1,3-butadiene. *Environ Health Perspect* 109:921-26, 2001.
127. Nelson, HH, Kelsey, KT, Bronson, MH, Mott, LA, and Karagas, MR. Fas/APO-1 promoter polymorphism is not associated with non-melanoma skin cancer. *Cancer Epidemiol Biomarkers Prev* 10:809-10, 2001.
128. Wrensch, M, Weinberg, A, Wiencke, J, Miike, R, Barger, G, and Kelsey, KT. Prevalence of antibodies to four herpesviruses among adults with glioma and controls. *Am J Epidemiol* 154:161-65, 2001.
129. Hu, H, Wu, M-T, Cheng, Y, Sparrow, D, Weiss, S, and Kelsey, K. The δ -aminolevulinic acid dehydratase (*ALAD*) polymorphism and bone and blood lead levels in community-exposed men: The normative aging study. *Environ Health Perspect* 109:827-32, 2001.
130. Nelson, HH, Kelsey, KT, Mott, LA, and Karagas, MR. The *XRCC1* Arg399Gln polymorphism, sunburn, and non-melanoma skin cancer: Evidence of gene-environment interaction. *Cancer Res* 62:152-55, 2002.
131. Duell, EJ, Holly, EA, Bracci, PM, Liu, M, Wiencke, JK, and Kelsey, KT. A population-based, case-control study of polymorphisms in carcinogen-metabolizing genes, smoking, and pancreatic adenocarcinoma risk. *J Natl Cancer Inst* 94:297-306, 2002.
132. Lin, Y-S, Smith, TJ, Wypij, D, Kelsey, KT, and Sacks, FM. Association of the blood/air partition coefficient of 1,3-butadiene with blood lipids and albumin. *Environ Health Perspect* 110:165-68, 2002.
133. Hasegawa, M, Nelson, HH, Peters, E, Ringstrom, E, Posner, M, and Kelsey, KT. Patterns of gene promoter methylation in squamous cell cancer of the head and neck. *Oncogene* 21:4231-36, 2002.
134. Hernan, MA, Checkoway, H, O'Brien, R, Costa-Mallen, P, De Vivo, I, Colditz, GA, Hunter, DJ, Kelsey, KT, and Ascherio, A. MAOB intron 13 and COMT codon 158 polymorphisms, cigarette smoking, and the risk of PD. *Neurology* 58:1381-87, 2002.
135. Wiencke, JK, and Kelsey, KT. Teen smoking, field cancerization, and a "critical period" hypothesis for lung cancer susceptibility. *Environ Health Perspect* 110:555-58, 2002.
136. Hirao, T, Bueno, R, Chen, C-J, Gordon, GJ, Heilig, E, and Kelsey, KT. Alterations of the p16^{INK4} locus in human malignant mesothelial tumors. *Carcinogenesis* 23:1127-30, 2002.

137. Danaee, H, Nelson, HH, Karagas, MR, Schned, AR, Ashok, TDS, Hirao, T, Perry, AE, and Kelsey, KT. Microsatellite instability at tetranucleotide repeats in skin and bladder cancer. *Oncogene* 21:4894-99, 2002.
138. Duell, EJ, Holly, EA, Bracci, PM, Wiencke, JK, and Kelsey, KT. A population-based study of the *Arg399Gln* polymorphism in X-ray repair cross-complementing group 1 (*XRCCI*) and risk of pancreatic adenocarcinoma. *Cancer Res* 62:4630-36, 2002.
139. Ringström, E, Peters, E, Hasegawa, M, Posner, M, Liu, M, and Kelsey, KT. Human papillomavirus type 16 and squamous cell carcinoma of the head and neck. *Clin Cancer Res* 8:3187-92, 2002.
140. Nelson, HH, and Kelsey, KT. The molecular epidemiology of asbestos and tobacco in lung cancer. *Oncogene* 21:7284-88, 2002.
141. Laden, F, Ishibe, N, Hankinson, SE, Wolff, MS, Gertig, DM, Hunter, DJ, and Kelsey, KT. Polychlorinated biphenyls, cytochrome P450 1A1, and breast cancer risk in the Nurses' Health Study. *Cancer Epidemiol Biomarkers Prev* 11:1560-65, 2002.
142. Wu, M-T, Kelsey, K, Schwartz, J, Sparrow, D, Weiss, S, and Hu, H. A δ -aminolevulinic acid dehydratase (*ALAD*) polymorphism may modify the relationship of low-level lead exposure to uricemia and renal function: The normative aging study. *Environ Health Perspect* 111:335-40, 2003.
143. Weaver, VM, Schwartz, BS, Ahn, K-D, Stewart, WF, Kelsey, KT, Todd, AC, Wen, J, Simon, DJ, Lustberg, ME, Parsons, PJ, Silbergeld, EK, and Lee, B-K. Associations of renal function with polymorphisms in the δ -aminolevulinic acid dehydratase, vitamin D receptor, and nitric oxide synthase genes in Korean lead workers. *Environ Health Perspect* 111:1613-19, 2003.
144. Marsit, CJ, Lui, M, Nelson, HH, Posner, M, Suzuki, M, and Kelsey, KT. Inactivation of the Fanconi anemia/ BRCA pathway in lung and oral cancers: Implications for treatment and survival. *Oncogene* 23:1000-04, 2004.
145. Wrensch, M, Kelsey, KT, Liu, M, Miike, R, Moghadassi, M, Aldape, K, McMillan, A, and Wiencke, JK. Glutathione-S-transferase variants and adult glioma. *Cancer Epidemiol Biomarkers Prev* 13:461-67, 2004.
146. Danaee, H, Nelson, HH, Liber, H, Little, JB, and Kelsey, KT. Low dose exposure to sodium arsenite synergistically interacts with UV radiation to induce mutations and alter DNA repair in human cells. *Mutagenesis* 19:143-48, 2004.
147. Kelsey, KT, Hirao, T, Schned, A, Hirao, S, Devi-Ashok, T, Nelson, HH, Andrew, A, and Karagas, MR. A population-based study of immunohistochemical detection of p53 alteration in bladder cancer. *Brit J Cancer* 90:1572-76, 2004.
148. Theppeang, K, Schwartz, BS, Lee, BK, Lustberg, ME, Silbergeld, EK, Kelsey, KT, Parsons, PJ, and Todd, AC. Associations of patella lead with polymorphisms in the vitamin D receptor, δ -aminolevulinic acid dehydratase and endothelial nitric oxide synthase genes. *J Occup Environ Med* 46:528-37, 2004.
149. Ryan, L, Huang, W, Thurston, SW, Kelsey, KT, Wiencke, JK, and Christiani, DC. On the use of biomarkers for environmental health research. *Stat Methods Med Res* 13:207-25, 2004.
150. Kelsey, KT, Park, S, Nelson, HH, and Karagas, MR. A population-based case-control study of the *XRCCI Arg399Gln* polymorphism and susceptibility to bladder cancer. *Cancer Epidemiol Biomarkers Prev* 13:1337-41, 2004.

151. McClean, MD, Rinehart, RD, Ngo, L, Eisen, EA, Kelsey, KT, Wiencke, JK, and Herrick, RF. Urinary 1-hydroxypyrene and polycyclic aromatic hydrocarbon exposure among asphalt paving workers. *Ann Occup Hyg* 48:565-78, 2004.
152. Wensch, MR, Miike, R, Sison, JD, Kelsey, KT, Liu, M, McMillan, A, Quesenberry, C, and Wiencke, JK. *CYP1A1* variants and smoking-related lung cancer in San Francisco Bay area Latinos and African Americans. *Int J Cancer* 113:141-47, 2005.
153. Karagas, MR, Park, S, Warren, A, Hamilton, J, Nelson, HH, Mott, LA, and Kelsey, KT. Gender, smoking, glutathione-S-transferase variants and bladder cancer incidence: A population-based study. *Cancer Lett* 219:63-69, 2005.
154. Marsit, CJ, Kim, DH, Liu, M, Hinds, PW, Wiencke, JK, Nelson, HH, and Kelsey, KT. Hypermethylation of *RASSF1A* and *BLU* tumor suppressor genes in non-small cell lung cancer: Implications for tobacco smoking during adolescence. *Int J Cancer* 114:219-23, 2005.
155. Peters, ES, McClean, MD, Liu, M, Eisen, EA, Mueller, N, and Kelsey, KT. The *ADH1C* polymorphism modifies the risk of squamous cell carcinoma of the head and neck associated with alcohol and tobacco use. *Cancer Epidemiol Biomarkers Prev* 14:476-82, 2005.
156. Wensch, M, Weinberg, A, Wiencke, J, Miike, R, Sison, J, Wiemels, J, Barger, G, DeLorenze, G, Aldape, K, and Kelsey, K. History of chickenpox and shingles and prevalence of antibodies to varicella-zoster virus and three other herpesviruses among adults with glioma and controls. *Am J Epidemiol* 161:929-38, 2005.
157. Wiencke, JK, Aldape, K, McMillan, A, Wiemels, J, Moghadassi, M, Miike, R, Kelsey, KT, Patoka, J, Long, J, and Wensch, M. Molecular features of adult glioma associated with patient race/ethnicity, age, and a polymorphism in O⁶-methylguanine-DNA-methyltransferase. *Cancer Epidemiol Biomarkers Prev* 14:1774-83, 2005.
158. Miller, KL, Kelsey, KT, Wiencke, JK, Moghadassi, M, Miike, R, Liu, M, and Wensch, M. The C3435T polymorphism of MDR1 and susceptibility to adult glioma. *Neuroepidemiology* 25(2):85-90, 2005.
159. Marsit, CJ, Zheng, S, Aldape, K, Hinds, PW, Nelson, HH, Wiencke, JK, and Kelsey, KT. *PTEN* expression in non-small-cell lung cancer: Evaluating its relation to tumor characteristics, allelic loss, and epigenetic alteration. *Hum Pathol* 36:768-76, 2005.
160. Marsit, CJ, Wiencke, JK, Liu, M, and Kelsey, KT. The race associated allele of Semaphorin 3B (*SEMA3B*) T415I and its role in lung cancer in African-Americans and Latino-Americans. *Carcinogenesis* 26:1446-49, 2005.
161. Marsit, CJ, Karagas, MR, Andrew, A, Liu, M, Danaee, H, Schned, AR, Nelson, HH, and Kelsey, KT. Epigenetic inactivation of *SFRP* genes and TP53 alteration act jointly as markers of invasive bladder cancer. *Cancer Res* 65:7081-85, 2005.
162. Karagas, MR, Park, S, Nelson, HH, Andrew, AS, Mott, L, Schned, A, and Kelsey, KT. Methylenetetrahydrofolate reductase (*MTHFR*) variants and bladder cancer: A population-based case-control study. *Intl J Hyg Environ Health* 208:321-27, 2005.
163. Marsit, CJ, Okpukpara, C, Danaee, H, and Kelsey, KT. Epigenetic silencing of the *PRSS3* putative tumor suppressor gene in non-small cell lung cancer. *Mol Carcinog* 44:146-50, 2005.
164. Kelsey, KT, Hirao, T, Hirao, S, Devi-Ashok, T, Nelson, HH, Andrew, A, Colt, J, Baris, D, Morris, JS, Schned, A, and Karagas, M. TP53 alterations and patterns of carcinogen exposure in a U.S. population-based study of bladder cancer. *Int J Cancer* 117:370-75, 2005.

165. Nelson, HH, Wilkojmen, M, Marsit, CJ, and Kelsey, KT. *TP53* mutation, allelism, and survival in non-small cell lung cancer. *Carcinogenesis* 26:1770-73, 2005.
166. Hernandez-Díaz, S, Wu, XF, Hayes, C, Werler, MM, Ashok, TDS, Badovinac, R, Kelsey, KT, and Mitchell, AA. Methylenetetrahydrofolate reductase polymorphisms and the risk of gestational hypertension. *Epidemiology* 16:628-34, 2005.
167. Weaver, VM, Schwartz, BS, Jaar, BG, Ahn, K-D, Todd, AC, Lee, S-S, Kelsey, KT, Silbergeld, EK, Lustberg, ME, Parsons, PJ, Wen, J, and Lee, B-K. Associations of uric acid with polymorphisms in the δ -aminolevulinic acid dehydratase, vitamin D receptor, and nitric oxide synthase genes in Korean lead workers. *Environ Health Perspect* 113:1509-15, 2005.
168. Hirao, S, Hirao, T, Marsit, CJ, Hirao, Y, Schned, A, Devi-Ashok, T, Nelson, HH, Andrew, A, Karagas, MR, and Kelsey, KT. Loss of heterozygosity on chromosome 9q and p53 alterations in human bladder cancer. *Cancer* 104:1918-23, 2005.
169. Schwartz, J, Park, SK, O'Neill, MS, Vokonas, PS, Sparrow, D, Weiss, S, Kelsey, K. Glutathione-S-transferase M1, obesity, statins, and autonomic effects of particles. *Am J Respir Crit Care Med* 172:1529-33, 2005.
170. Várkonyi, A, Kelsey, K, Semey, K, Bodell, WJ, Lévy, G, Mark, E, Wain, JC, Christiani, DC, and Wiencke, JK. Polyphenol associated-DNA adducts in lung and blood mononuclear cells from lung cancer patients. *Cancer Lett* 236:24-31, 2006.
171. Marsit, CJ, Wiencke, JK, Nelson, HH, Kim, D-K, Hinds, PW, Aldape, K, and Kelsey, KT. Alterations of 9p in squamous cell carcinoma and adenocarcinoma of the lung: Association with smoking, *TP53*, and survival. *Cancer Genet Cytogenet* 162:115-21, 2005.
172. Kraunz, KS, Nelson, HH, Liu, M, Wiencke, JK, and Kelsey, KT. Interaction between the bone morphogenetic proteins and Ras/MAP-kinase signalling pathways in lung cancer. *Br J Cancer* 93:949-52, 2005.
173. Marsit, CJ, Karagas, MR, Danaee, H, Liu, M, Andrew, A, Schned, A, Nelson, HH, and Kelsey, KT. Carcinogen exposure and gene promoter hypermethylation in bladder cancer. *Carcinogenesis* 27:112-16, 2006.
174. Kraunz, KS, Nelson, HH, Lemos, M, Godleski, JJ, Wiencke, JK, and Kelsey, KT. Homozygous deletion of p16^{INK4a} and tobacco carcinogen exposure in nonsmall cell lung cancer. *Int J Cancer* 118:1364-69, 2006.
175. Andrew, AS, Nelson, HH, Kelsey, KT, Moore, JH, Meng, AC, Casella, DP, Tosteson, TD, Schned, AR, and Karagas, MR. Concordance of multiple analytical approaches demonstrates a complex relationship between DNA repair gene SNPs, smoking and bladder cancer susceptibility. *Carcinogenesis* 27:1030-37, 2006.
176. Danaee, H, Karagas, MR, Kelsey, KT, Perry, AE, and Nelson, HH. Allelic loss at *Drosophila* patched gene is highly prevalent in Basal and squamous cell carcinomas of the skin. *J Invest Dermatol* 126:1152-58, 2006.
177. Duell, EJ, Casella, DP, Burk, RD, Kelsey, KT, and Holly, EA. Inflammation, genetic polymorphisms in proinflammatory genes *TNF-A*, *RANTES*, and *CCR5*, and risk of pancreatic adenocarcinoma. *Cancer Epidemiol Biomarkers Prev* 15:726-31, 2006.
178. Kraunz, KS, McClean, MD, Nelson, HH, Peters, E, Calderon, H, and Kelsey, KT. Duration but not intensity of alcohol and tobacco exposure predicts p16^{INK4A} homozygous deletion in head and neck squamous cell carcinoma. *Cancer Res* 66:4512-15, 2006.

179. Wrensch, M, Wiencke, JK, Wiemels, J, Miiike, R, Patoka, J, Moghadassi, M, McMillan, A, Kelsey, KT, Aldape, K, Lamborn, KR, Parsa, AT, Sison, JD, and Prados, MD. Serum IgE, tumor epidermal growth factor receptor expression, and inherited polymorphisms associated with glioma survival. *Cancer Res* 66:4531-41, 2006.
180. Weaver, VM, Lee, B-K, Todd, AC, Ahn, K-D, Shi, W, Jaar, BG, Kelsey, KT, Lustberg, ME, Silbergeld, EK, Parsons, PJ, Wen, J, and Schwartz, BS. Effect modification by δ -aminolevulinic acid dehydratase, vitamin D receptor, and nitric oxide synthase gene polymorphisms on associations between patella lead and renal function in lead workers. *Environ Res* 102:61-69, 2006.
181. Kraunz, KS, Hsiung, D, McClean, MD, Liu, M, Osanyingbemi, J, Nelson, HH, and Kelsey, KT. Dietary folate is associated with *p16^{INK4a}* methylation in head and neck squamous cell carcinoma. *Int J Cancer* 119:1553-57, 2006.
182. Marsit, CJ, McClean, MD, Furniss, CS, and Kelsey, KT. Epigenetic inactivation of the *SFRP* genes is associated with drinking, smoking and HPV in head and neck squamous cell carcinoma. *Int J Cancer* 119:1761-66, 2006.
183. Marsit, CJ, Houseman, EA, Christensen, BC, Eddy, K, Bueno, R, Sugarbaker, DJ, Nelson, HH, Karagas, MR, and Kelsey, KT. Examination of a CpG island methylator phenotype and implications of methylation profiles in solid tumors. *Cancer Res* 66:10621-29, 2006.
184. Marsit, CJ, Eddy, K, and Kelsey, KT. MicroRNA responses to cellular stress. *Cancer Res* 66:10843-48, 2006.
185. Peters, ES, McClean, MD, Marsit, CJ, Lucket, B, and Kelsey, KT. Glutathione S-transferase polymorphisms and the synergy of alcohol and tobacco in oral, pharyngeal, and laryngeal carcinoma. *Cancer Epidemiol Biomarkers Prev* 15:2196-202, 2006.
186. Marsit, CJ, Karagas, MR, Schned, A, and Kelsey, KT. Carcinogen exposure and epigenetic silencing in bladder cancer. *Ann NY Acad Sci* 1076:810-21, 2006.
187. Badovinac, RL, Werler, MM, Williams, PL, Kelsey, KT, and Hayes, C. Folic acid-containing supplement consumption during pregnancy and risk for oral clefts: A meta-analysis. *Birth Defects Res (Part A)* 79:8-15, 2007.
188. Hsiung, DT, Marsit, CJ, Houseman, EA, Eddy, K, Furniss, CS, McClean, MD, and Kelsey, KT. Global DNA methylation level in whole blood as a biomarker in head and neck squamous cell carcinoma. *Cancer Epidemiol Biomarkers Prev* 16:108-14, 2007.
189. Wiemels, JL, Wiencke, JK, Kelsey, KT, Moghadassi, M, Rice, T, Urayama, KY, Miiike, R, and Wrensch, M. Allergy-related polymorphisms influence glioma status and serum IgE levels. *Cancer Epidemiol Biomarkers Prev* 16:1229-35, 2007.
190. Wrensch M, McMillan A, Wiencke J, Wiemels J, Kelsey K, Patoka J, Jones H, Carlton V, Miiike R, Sison J, Moghadassi M, Prados M. Nonsynonymous coding single-nucleotide polymorphisms spanning the genome in relation to glioblastoma survival and age at diagnosis. *Clin Cancer Res*.13(1):197-205, 2007.
191. Pyeon, D, Newton, MA, Lambert, PF, den Boon, JA, Sengupta, S, Marsit, CJ, Woodworth, CD, Connor, JP, Haugen, TH, Smith, EM, Kelsey, KT, Turek LP, and Ahlquist, P. Fundamental differences in cell cycle deregulation in human papillomavirus-positive and human papillomavirus-negative head/neck and cervical cancers. *Cancer Res* 67:4605-19, 2007.

192. Fortuny, J, Kogevinas, M, Zens, MS, Schned, A, Andrew, AS, Heaney, J, Kelsey, KT, and Karagas, MR. Analgesic and anti-inflammatory drug use and risk of bladder cancer: A population-based case control study. *BMC Urol*, Aug 10;7:13, 2007.
193. Furniss, CS, McClean, MD, Smith, JF, Bryan, J, Nelson, HH, Peters, ES, Posner, MR, Clark JR, Eisen, EA, and Kelsey, KT. Human papillomavirus 16 and head and neck squamous cell carcinoma. *Int J Cancer*, 120(11):2386-92, 2007.
194. Rajan, P, Kelsey, KT, Schwartz, JD, Bellinger, DC, Weuve, J, Sparrow, D, Spiro, A, Smith, TJ, Nie, H, Hu, H, and Wright, RO. Lead burden and psychiatric symptoms and the modifying influence of the delta-aminolevulinic acid dehydratase (ALAD) polymorphism: the VA Normative Aging Study. *Am J Epidemiol*, Dec 15;166(12):1400-8, 2007.
195. Ruano-Ravina, A, Pérez-Becerra, R, Fraga, M, Kelsey, KT, and Barros-Dios, JM. Analysis of the relationship between p53 immunohistochemical expression and risk factors for lung cancer, with special emphasis on residential radon exposure. *Ann Oncol*, Sep 25, 2007.
196. Marsit, CJ, Houseman, EA, Schned, AR, Karagas, MR, and Kelsey, KT. Promoter hypermethylation is associated with current smoking, age, gender, and survival in bladder cancer. *Carcinogenesis*, Aug;28(8):1745-51. 2007.
197. Schned, AR, Andrew, AS, Marsit, CJ, Zens MS, Kelsey, KT, and Karagas, MR. Survival following the diagnosis of noninvasive bladder cancer: WHO/International Society of Urological Pathology versus WHO classification systems. *J Urol*, Oct;178(4 Pt 1):1196-200; discussion 1200. 2007.
198. Applebaum KM, Furniss CS, Zeka A, Posner MR, Smith JF, Bryan J, Eisen EA, Peters ES, McClean MD, Kelsey KT. *J Natl Cancer Inst*. Nov 27; 2007.
199. Kelsey KT., Genetics and Occupational Safety and Health. *Occup Environn Med*, Nov: 64 (11): 720-721, 2007.
200. Felini MJ, Olshan AF, Schroeder JC, North KE, Carozza SE, Kelsey KT, Liu M, Rice T, Wiencke JK, Wrensch MR. DNA repair polymorphisms XRCC1 and MGMT and risk of adult gliomas. *Neuroepidemiology*.29(1-2):55-8, 2007.
201. Andrew AS, Karagas MR, Nelson HH, Guarrera S, Poilodoro S, Gamberini S, Sacerdote C, Morre JH, Kelsey KT, Demidenko E, Vineis P, Matullo G. DNA repair polymorphisms modify bladder cancer risk: A multifactorial analytic strategy. *Hum Hered*. 65(2):105-18, 2008.
202. Peters ES, Luckett BG, Applebaum KM, Marsit CJ, McClean MD, Kelsey KT. Dairy Products, Leanness, and Head and Neck Squamous Cell Carcinoma. *Head & Neck-DOI* 10.1002/hed.20846, 2008.
203. Schned AR, Andrew AS, Marsit CJ, Kelsey KT, Zens MS, Karagas MR. Histological classification and stage of newly diagnosed bladder cancer in a population-based study from the Northeastern United States. *Scand J Urol Nephrol*. 2008;42(3):237-42.
204. Furniss CS, Marsit CJ, Houseman EA, Eddy K, Kelsey KT. Line region hypomethylation is associated with lifestyle and differs by human papillomavirus status in head and neck squamous cell carcinomas. *Cancer Epidemiol Biomarkers Prev*. 2008 Apr;17(4):966-71.
205. Marsit CJ, Black CC, Posner MR, Kelsey KT. A genotype-phenotype examination of cyclin D1 on risk and outcome of squamous cell carcinoma of the head and neck. *Clin Cancer Res*. 2008 Apr 15;14(8):2371-7.

206. Christensen BC, Godleski JJ, Roelofs CR, Longacker JL, Bueno R, Sugarbaker DJ, Marsit CJ, Nelson HH, Kelsey KT. Asbestos burden predicts survival in pleural mesothelioma. *Environ Health Perspect.* 2008 Jun;116(6):723-6.
207. Duell EJ, Bracci PM, Moore JH, Burk RD, Kelsey KT, Holly EA. Detecting pathway-based gene-gene and gene-environment interactions in pancreatic cancer. *Cancer Epidemiol Biomarkers Prev.* 2008 Jun;17(6):1470-9.
208. Pattin, K.A., White, B.C., Barney, N., Gui, J., Nelson, H.H., Kelsey, K.R. Andrew, A.S., Karagas, M.R., Moore, J.H. A computationally efficient hypothesis testing method for epistasis analysis using multifactor dimensionality reduction. *Genetic Epidemiology*, in press (2008).