

9. REFERENCES

- *ACGIH. 2007. Ionizing radiation. Threshold limit values for chemical substances and physical agents and biological exposure indices. Cincinnati, OH: American Conference of Governmental Industrial Hygienists, 172-173.
- *Adinolfi M. 1985. The development of the human blood-CSF-brain barrier. *Dev Med Child Neurol* 27(4):532-537.
- *Adlercreutz H. 1995. Phytoestrogens: Epidemiology and a possible role in cancer protection. *Environ Health Perspect Suppl* 103(7):103-112.
- +*AEC. 1961. The effect of inhaled radon on the survival, body weight and hemogram of the mouse following single exposures. Rochester, NY: U.S. Atomic Energy Commission. University of Rochester. UR-593.
- +*AEC. 1964. The effect of inhaled radon on the survival, body weight and hemogram of the mouse following multiple exposures. Rochester, NY: U.S. Atomic Energy Commission. University of Rochester. UR-624.
- +*AEC. 1966. The effects on mice of continual exposure to radon and its decay products on dust. Rochester, NY: U.S. Atomic Energy Commission. University of Rochester. UR-669.
- *Agency for Toxic Substances and Disease Registry. 1989. Decision guide for identifying substance-specific data needs related to toxicological profiles; Notice. Agency for Toxic Substances and Disease Registry, Division of Toxicology. *Fed Regist* 54(174):37618-37634.
- *Agency for Toxic Substances and Disease Registry. 1990. Toxicological profile for radium. Atlanta, GA: U.S. Department of Health and Human Services. Public Health Service. Agency for Toxic Substances and Disease Registry.
- *Agency for Toxic Substances and Disease Registry. 1999a. Toxicological profile for uranium. Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/toxprofiles/tp150.pdf>. August 28, 2008.
- *Agency for Toxic Substances and Disease Registry. 1999b. Toxicological profile for ionizing radiation. Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/toxprofiles/tp149.pdf>. May 15, 2008.
- *Agency for Toxic Substances and Disease Registry. 2006. Health consultation. An investigation of cancer incidence in Monticello, Utah. Atlanta, Georgia: U.S. Department of Health and Human Services, Agency for Toxic Substances and Disease Registry, Division of Health Assessment and Consultation. <http://www.atsdr.cdc.gov/HAC/pha/CancerIncidenceInMonticelloUT/CancerIncidence-MonticelloHC051706.pdf>. August 08, 2008.

*Cited in text

+Cited in Supplemental Document

9. REFERENCES

- *Agency for Toxic Substances and Disease Registry. 2007. Draft. Toxicological profile for plutonium. Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/toxprofiles/tp143.pdf>. May 15, 2008.
- Ahlman K, Koskela RS, Kuikka P, et al. 1991. Mortality among sulfide ore miners. *Am J Ind Med* 19(5):603-617.
- Aieta E, Singley J, Trussell A, et al. 1987. Radionuclides in drinking water: An overview. *J Am Water Works Assoc* 79(4):144-152.
- Al-Affan IAM, Haque AKMM. 1989. Transformation of lung cells from inhalation of radon daughters in dwellings: A preliminary study. *Int J Radiat Biol* 56(4):413-422.
- *Al-Arifi MN, Alkartyf KM, Al-Suwayeh SA, et al. 2006. Levels of ^{210}Po in blood, urine and hair of some Saudi smokers. *J Radioanal Nucl Chem* 269(1):115-118.
- *Alavanja MCR. 2002. Biologic damage resulting from exposure to tobacco smoke and from radon: Implication for preventive interactions. *Oncogene* 21:7365-7375.
- *Alavanja MC, Brownson RC, Lubin JH, et al. 1994. Residential radon exposure and lung cancer among nonsmoking women. (Comment in: *J Natl Cancer Inst* 86(24):1813-1814). *J Natl Cancer Inst* 86(24):1829-1837.
- *Alavanja MC, Lubin JH, Mahaffey JA, et al. 1999. Residential radon exposure and risk of lung cancer in Missouri. *Am J Public Health* 89(7):1042-1048.
- Alavanja MC, Lubin JH, Mahaffey JA, et al. 2000. Re: "Residential radon gas exposure and lung cancer: The Iowa Radon Lung Cancer Study". (Comment on: *Am J Epidemiol* 151(11):1091-1102). *Am J Epidemiol* 152(9):895-896.
- Albering HJ, Engelen JJ, Koulischer L, et al. 1994. Indoor radon, an extrapulmonary genetic risk? *Lancet* 344(8924):750-751.
- *Albering HJ, Hageman GJ, Kleinjans JC, et al. 1992. Indoor radon exposure and cytogenetic damage. *Lancet* 340(8821):739.
- Alexander DD. 2007. An environmental cause of orofacial cleft defects or an unexplained cluster? (Comment on: *South Med J* 100(6):560-569). *South Med J* 100(6):553-554.
- *Alter H, Oswald R. 1987. Nationwide distribution of indoor radon measurements: A preliminary database. *J Air Pollut Control Assoc* 37(3):227-231.
- *Altman PL, Dittmer DS. 1974. Biological handbooks: Biology data book. Vol. III. 2nd ed. Bethesda, MD: Federation of American Societies for Experimental Biology, 1987-2008, 2041.
- Altshuler B, Pasternack B. 1963. Statistical measures of the lower limit of detection of a radioactivity counter. *Health Phys* 9:293-298.
- Altshuler B, Nelson N, Kushner M. 1964. Estimation of lung tissue dose from the inhalation of radon and daughters. *Health Phys* 10:1137-1161.

9. REFERENCES

Amandus H, Costello J. 1991. Silicosis and lung cancer in the U.S. metal miners. *Arch Environ Health* 46(2):82-89.

Amrani D, Cherouati DE. 1999. Health effects from radon-222 in drinking water in Algiers. *J Radiol Prot* 19(3):275-279.

*Andersen ME, Krishnan K. 1994. Relating *in vitro* to *in vivo* exposures with physiologically based tissue dosimetry and tissue response models. In: Salem H, ed. *Animal test alternatives: Refinement, reduction, replacement*. New York, NY: Marcel Dekker, Inc., 9-25.

*Andersen ME, Clewell HJ, Gargas ML, et al. 1987. Physiologically based pharmacokinetics and the risk assessment process for methylene chloride. *Toxicol Appl Pharmacol* 87(2):185-205.

Andersson I, Nilsson I. 1964. Exposure following ingestion of water containing radon-222. In: *Assessment of radioactivity in man. Proceedings of symposium on assessment of radioactive body burdens in man. Vol. II*. Vienna: International Atomic Energy Agency, International Labor Organization and World Health Organization, 317-326.

Andersson M, Wallin H, Jönsson M, et al. 1995. Lung carcinoma and malignant mesothelioma in patients exposed to Thorotrast: Incidence, histology and *p53* status. *Int J Cancer* 63(3):333-336.

Andrlíková J, Wagner V, Pálek V. 1975. Investigation of immunoglobulin levels in the blood serum of uranium miners after higher and lower exposure to ionizing radiation. *Strahlentherapie* 149(2):212-218.

*Anttila A. 1987. Lead content of deciduous tooth enamel from a high-radon area. *Acta Odontol Scand* 45(4):283-288.

Archer VE. 1979. Effects of exposure to low levels of radon daughters. *Trans Am Nucl Soc* 33:145-146.

*Archer VE. 1980. Epidemiologic studies of lung disease among miners exposed to increased levels of radon daughters. In: Rom W, Archer V, eds. *Health implications of new energy technologies*. Ann Arbor, MI: Ann Arbor Science, 13-22.

Archer VE. 1981. Health concerns in uranium mining and milling. *J Occup Med* 23(7):502-505.

*Archer VE. 1985. Enhancement of lung cancer by cigarette smoking in uranium and other miners. *Carcinogenesis* 8:23-37.

Archer VE. 1988. Lung cancer risks of underground miners: Cohort and case-control studies. *Yale J Biol Med* 61(3):183-193.

Archer VE. 1995. Re: "Case-control study of residential radon and lung cancer in Winnipeg, Manitoba, Canada". (Comment on: *Am J Epidemiol* 140(4):310-322). *Am J Epidemiol* 142(8):884-886.

Archer VE. 1996. Radon, silicosis, and lung cancer. (Comment on: *Health Phys* 69(3):396-399). *Health Phys* 70(2):268-269.

Archer VE. 1997a. Residential radon and lung cancer in Sweden. (Comment on: *Health Phys* 72(2):169-276). *Health Phys* 73(2):394-395.

9. REFERENCES

- Archer VE. 1997b. Response to Cohen's plea for help. (Comment on: Health Phys 72(4):623-628). Health Phys 73(3):530-532.
- Archer VE. 1998. Errors in Cohen's home radon-lung cancer analyses. (Comment on: Health Phys 72(4):623-628). Health Phys 75(6):652-654.
- Archer VE, Brown M. 1970. American uranium miners and lung cancer. In: Shapiro H, ed. Pneumoconiosis. New York, NY: Oxford University Press, 569-571.
- *Archer VE, Brinton HP, Wagoner JK. 1964. Pulmonary function of uranium miners. Health Phys 10:1183-1194.
- Archer VE, Gillam JD, James LA. 1978. Radiation, smoking and height relationships to lung cancer in uranium miners. In: Nieburgs H, ed. Prevention and detection of cancer. Part 1. Vol. 2. New York, NY: Marcel Dekker, Inc., 1689-1712.
- *Archer VE, Gillam JD, Wagoner JK. 1976. Respiratory disease mortality among uranium miners. Ann NY Acad Sci 271:280-293.
- *Archer VE, Radford EP, Axelson O. 1979. Radon daughter cancer in man: Factors in exposure-response relationships at low levels. In: Conference workshop on lung cancer epidemiology and industrial applications of sputum cytology. Golden, CO: Colorado School of Mines Press.
- *Archer VE, Saccomanno G, Jones JH. 1974. Frequency of different histologic types of bronchogenic carcinoma as related to radiation exposure. Cancer 34(6):2056-2060.
- *Archer VE, Wagoner JK, Lundin FE. 1973. Lung cancer among uranium miners in the United States. Health Phys 25(4):351-371.
- *ASTM. 1999. Method D 5072-98. Standard test method for radon in drinking water. 1999 Annual book of ASTM methods. Vol. 11.02 Water (III). West Conshohocken, PA: American Society for Testing and Materials, 673-675.
- *Auerbach O, Saccomanno G, Kuschner M, et al. 1978. Histologic findings in the tracheobronchial tree of uranium miners and non-miners with lung cancer. Cancer 42:483-489.
- Auvinen A. 1996. Lung cancer risk from indoor radon. Lancet 348(9042):1662-1663.
- *Auvinen A, Mäkeläinen I, Hakama M, et al. 1996. Indoor radon exposure and risk of lung cancer: A nested case-control study in Finland. (Erratum in: J Natl Cancer Inst 90(5):401-402). (Comment in: J Natl Cancer Inst 89(8):584-585). J Natl Cancer Inst 88(14):966-972.
- Auvinen A, Mäkeläinen I, Hakama M, et al. 1998. Erratum. (Erratum to: J Natl Cancer Inst 88(14):966-972). J Natl Cancer Inst 90(5):401-402.
- *Auvinen A, Salonen L, Pekkanen J, et al. 2005. Radon and other natural radionuclides in drinking water and risk of stomach cancer: A case-cohort study in Finland. Int J Cancer 114(1):109-113.
- Axelson O. 1980. Interaction between smoking and exposure to radon daughters. In: Rom W, Archer V, eds. Health implications of new energy technologies. Ann Arbor, MI: Ann Arbor Science, 23-28.

9. REFERENCES

- Axelsson O. 1990. Cancer risks from exposure to radon progeny in mines and dwellings. Recent results. *Cancer Res* 120:146-165.
- Axelsson O. 1991. Occupational and environmental exposures to radon: Cancer risks. *Ann Rev Public Health* 12:235-255.
- Axelsson O. 1995. Cancer risks from exposure to radon in homes. *Environ Health Perspect* 103(Suppl 2):37-43.
- Axelsson O, Edling C. 1980. Health hazards from radon daughters in dwellings in Sweden. In: Rom W, Archer V, eds. Health implications of new energy technologies. Ann Arbor, MI: Ann Arbor Science, 79-87.
- Axelsson O, Flodin U. 1989. Radon and leukaemia. (Comment on: *Lancet* 2(8654):99-100). *Lancet* 2(8664):673-674.
- Axelsson O, Rehn M. 1971. Lung cancer in miners. *Lancet* 2(7726):706-707.
- *Axelsson O, Sundell L. 1978. Mining, lung cancer and smoking. *Scand J Work Environ Health* 4(1):46-52.
- Axelsson O, Andersson K, Desai G, et al. 1988. Indoor radon exposure and active and passive smoking in relation to the occurrence of lung cancer. *Scand J Work Environ Health* 14(5):286-292.
- Axelsson O, Edling C, Kling H. 1979. Lung cancer and residency -- a case- referent study on the possible impact of exposure to radon and its daughters in dwellings. *Scand J Work Environ Health* 5(1):10-15.
- Axelsson O, Edling C, Kling H, et al. 1981. Lung cancer and radon in dwellings. *Lancet* 2(8253):995-996.
- Axelsson O, Josefson H, Rehn M, et al. 1971. Svensk pilotstudie over lung cancer hos gruvarbetare. *Lakartidningen* 68:5687-5693.
- Ayotte P, Lévesque B, Gauvin D, et al. 1998. Indoor exposure to ²²²Rn: A public health perspective. *Health Phys* 75(3):297-302.
- Baeza A, Miró C, Paniagua JM, et al. 1994. Natural and artificial radioactivity levels in Livingston Island (Antarctic regions). *Bull Environ Contam Toxicol* 52(1):117-124.
- *Bahtijari M, Stegnar P, Shemsidini Z, et al. 2006. Indoor air radon concentration in schools in Prizren, Kosovo. *Radiat Prot Dosimetry* 121(4):469-473.
- *Bair W. 1985. ICRP work in progress: Task group to review models of the respiratory tract. *Radiol Prot Bull* 63:5-6.
- Balásházy I, Hofmann W. 2000. Quantification of local deposition patterns of inhaled radon decay products in human bronchial airway bifurcations. *Health Phys* 78(2):147-158.
- Balásházy I, Hofmann W, Farkas Á, et al. 2002. Modelling carcinogenic effects of low doses of inhaled radon progenies. *J Radiol Prot* 22(3A):A89-A93.

9. REFERENCES

- Baldwin F, Hovey A, McEwen T, et al. 1991. Surface to nuclear distances in human bronchial epithelium: Relationships to penetration by Rn daughters. *Health Phys* 60(2):155-162.
- Bale WF. 1980. Memorandum to the files, March 14, 1951: Hazards associated with radon and thoron. *Health Phys* 38(6):1062-1066.
- Balonov MI, Krisyuk EM, Ramel C. 1999. Environmental radioactivity, population exposure and related health risks in the east Baltic region. *Scand J Work Environ Health* 25(Suppl 3):17-32.
- *Band P, Feldstein M, Saccomanno G, et al. 1980. Potentiation of cigarette smoking and radiation: Evidence from a sputum cytology survey among uranium miners and controls. *Cancer* 45(6):1273-1277.
- *Barnes DG, Dourson M. 1988. Reference dose (RfD): Description and use in health risk assessments. *Regul Toxicol Pharmacol* 8(4):471-486.
- Barnett JM, Holbert KE, Stewart BD, et al. 1995. Lung dose estimates from ²²²Rn in Arizona groundwater based on liquid scintillation measurements. *Health Phys* 68(5):699-703.
- *Barros-Dios JM, Barreiro MA, Ruano-Ravina A, et al. 2002. Exposure to residential radon and lung cancer in Spain: A population-based case-control study. (Erratum in: *Am J Epidemiol* 157(9):859). *Am J Epidemiol* 156(6):548-555.
- Barros-Dios JM, Barreiro MA, Ruano-Ravina A, et al. 2003. Errata. (Erratum to: *Am J Epidemiol* 156(6):548-555). *Am J Epidemiol* 157(9):859.
- Bartsch H, Hollstein M, Mustonen R, et al. 1995. Screening for putative radon-specific p53 mutation hotspot in German uranium miners. (Comment on: *Lancet* 343(8889):86-87). *Lancet* 346(8967):121.
- Batkin I, Brun del Re R, Boutin JG, et al. 1998. γ -Spectroscopy investigation of radon daughter deposition on electrostatically charged surfaces. *Phys Med Biol* 43(3):487-499.
- Battista G, Belli S, Carboncini F, et al. 1988. Mortality among pyrite miners with low-level exposure to radon daughters. *Scand J Work Environ Health* 14(5):280-285.
- *Bauchinger M, Schmid E, Braselmann H, et al. 1994. Chromosome aberrations in peripheral lymphocytes from occupants of houses with elevated indoor radon concentrations. *Mutat Res* 310(1):135-142.
- *Baysson H, Tirmarche M, Tymen G, et al. 2004. Indoor radon and lung cancer in France. (Comment in: *Epidemiology* 17(1):121, author reply 121-122). *Epidemiology* 15(6):709-716.
- Bean JA, Isacson P, Hahne RMA, et al. 1982. Drinking water and cancer incidence in Iowa. *Am J Epidemiol* 116(6):924-932.
- *Becker K. 2003. Health effects of high radon environments in central Europe: Another test for the LNT hypothesis? *Dose Response Int J* 1(1):3-35.
- Belli S, Comba P, Germani M, et al. 1989. Mortality study among lead-zinc (Val Seriana) Italian miners. *Med Lav* 6:467-478.

9. REFERENCES

- *Berger GS, ed. 1994. Epidemiology of endometriosis. In: Endometriosis: Advanced management and surgical techniques. New York, NY: Springer-Verlag, 3-7.
- *Biberman R, Lusky A, Schlesinger T, et al. 1993. Increased risk for small cell lung cancer following residential exposure to low-dose radon: A pilot study. *Arch Environ Health* 48(4):209-212.
- *Bignon J, Monchaux G, Chameaud J, et al. 1983. Incidence of various types of thoracic malignancy induced in rats by intrapleural injection of 2 mg of various mineral dusts after inhalation of ²²²Ra. *Carcinogenesis* 4(5):621-628.
- Bijwaard H, Brugmans MJ, Rispens SM. 2005. Comment on "Studies of radon-exposed miner cohorts using a biologically based model: Comparison of current Czech and French data with historic data from China and Colorado" by W.F. Heidenreich, L. Tomàsek, A. Rogel, D. Laurier and M. Tirmarche (2004) *Radiat Environ Biophys* 43:247-256. (Comment on: *Radiat Environ Biophys* 43(4):247-256). *Radiat Environ Biophys* 44(2):149-151, author reply 153-154.
- *Bilban M, Jakopin CB. 2005. Incidence of cytogenetic damage in lead-zinc mine workers exposed to radon. *Mutagenesis* 20(3):187-191.
- Binks K. 1989. Radon exposure and leukaemia. (Comment on: *Lancet* 2(8654):99-100). *Lancet* 2(8662):562.
- *Birchall A, James AC. 1994. Uncertainty analysis of the effective dose per unit exposure from radon progeny and implications for ICRP risk-weighting factors. *Radiat Prot Dosimetry* 53(1):133-140.
- Birovljev A, Falk R, Walsh C, et al. 2001. Retrospective assessment of historic radon concentrations in Norwegian dwellings by measuring glass implanted Po-210: An international field intercomparison. *Sci Total Environ* 272(1-3):181-188.
- *Black SC, Archer VE, Dixon WC, et al. 1968. Correlation of radiation exposure and lead-210 in uranium miners. *Health Phys* 14(2):81-93.
- *Blanchard RL, Archer VE, Saccomanno G. 1969. Blood and skeletal levels of ²¹⁰Pb–²¹⁰Po as a measure of exposure to inhaled radon daughter products. *Health Phys* 16(5):585-596.
- *Blot WJ, Xu ZY, Boice JD, et al. 1990. Indoor radon and lung cancer in China. (Comment in: *J Natl Cancer Inst* 82(21):1722-1723). *J Natl Cancer Inst* 82(12):1025-1030.
- Bochicchio F, Forastiere F, Abeni D, et al. 1998. Epidemiologic studies on lung cancer and residential exposure to radon in Italy and other countries. *Radiat Prot Dosimetry* 78(1):33-38.
- *Bochicchio F, Forastiere F, Farchi S, et al. 2005. Residential radon exposure, diet and lung cancer: A case-control study in a Mediterranean region. *Int J Cancer* 114(6):983-991.
- Bodansky D. 1990. Radon induced lung cancer and mortality. In: Majumdar SK, Schmalz RF, Miller EW, eds. *Environmental radon: Occurrence, control and health hazards*. Easton, PA: Pennsylvania Academy of Science, 248-265.
- Bodansky D, Jackson KL, Geraci JP. 1987. Comparisons of indoor radon to other radiation hazards. In: Bodansky D, Robkin M, Stadler D, eds. *Indoor radon and its hazards*. Seattle: University of Washington Press, 122-137.

9. REFERENCES

- *Boice JD. 1997. Radon, your home or mine? (Comment on: Radiat Res 147(2):126-134). Radiat Res 147(2):135-137.
- Boice JD, Cohen SS, Mumma MT, et al. 2007. Mortality among residents of Uravan, Colorado who lived near a uranium mill, 1936-84. J Radiol Prot 27(3):299-319.
- Boice JD, Mumma MT, Blot WJ. 2007. Cancer and noncancer mortality in populations living near uranium and vanadium mining and milling operations in Montrose County, Colorado, 1950-2000. Radiat Res 167(6):711-726.
- *Bonner MR, Bennett WP, Xiong W, et al. 2006. Radon, secondhand smoke, glutathione-S-transferase M1 and lung cancer among women. Int J Cancer 119(6):1462-1467.
- *Booker DV, Chamberlain AC, Newton D, et al. 1969. Uptake of radioactive lead following inhalation and injection. Br J Radiol 42:457-466.
- Böse-O'Reilly S, Heudorf U, Lob-Corzilius T, et al. 2007. Children's environment in Central Europe: Threats and chances. Int J Hyg Environ Health 210(5):503-507.
- *Bowring CS. 1992. Short term radon measurements in buildings. J Radiol Prot 12(4):239-241.
- Brandom WF, Saccomanno G, Archer VE, et al. 1972. Chromosome aberrations in uranium miners occupationally exposed to ²²²radon. Radiat Res 52:204-215.
- *Brandom WF, Saccomanno G, Archer VE, et al. 1978. Chromosome aberrations as a biological dose-response indicator of radiation exposure in uranium miners. Radiat Res 76(1):159-171.
- Braun A, Straif K, Konietzko N, et al. 1995. Detection of oncogene and tumor suppressor gene products in serum of former uranium miners for secondary prevention of radon-induced lung cancer. Clin Chem 41(12):1913-1915.
- *Brenner DJ, Ward JF. 1992. Constraints on energy deposition and target size of multiply damaged sites associated with DNA double-strand breaks. Int J Radiat Biol 61(6):737-748.
- *Breslin A. 1980. Techniques for measuring radon in buildings. Washington, DC: National Bureau of Standards Special Publication 581, In: Proceedings of a Roundtable Discussion of Radon in Buildings held at NSB, Gaithersburg, Maryland.
- *Bridges BA, Cole J, Arlett CF, et al. 1991. Possible association between mutant frequency in peripheral lymphocytes and domestic radon concentrations. (Comment in: Lancet 337(8755):1476). Lancet 337(8751):1187-1189.
- *Brookins DG. 1991. Correlation of soil radon and uranium with indoor radon in the Albuquerque, New Mexico (USA). Environ Geol Water Sci 17(3):209-218.
- *Brooks AL, Khan MA, Duncan A, et al. 1994. Effectiveness of radon relative to acute ⁶⁰Co γ -rays for induction of micronuclei *in vitro* and *in vivo*. Int J Radiat Biol 66(6):801-808.

9. REFERENCES

- *Brooks AL, Rithidech K, Kitchin RM, et al. 1992. Evaluating chromosome damage to estimate dose to tracheal epithelial cells. Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990. Columbus, OH: Battelle Press, 601-614.
- *Brown WL, Hess CT. 1992. Measurement of the biotransfer and time constant of radon from ingested water by human breath analysis. *Health Phys* 62(2):162-170.
- Brugmans MJ, Rispens SM, Bijwaard H, et al. 2004. Radon-induced lung cancer in French and Czech miner cohorts described with a two-mutation cancer model. (Comment in: *Radiat Environ Biophys* 44(2):155-156). *Radiat Environ Biophys* 43(3):153-163.
- *Brüske-Hohlfeld I, Rosario AS, Wölke G, et al. 2006. Lung cancer risk among former uranium miners of the WISMUT Company in Germany. (Comment in: *Health Phys* 91(4):390-391, author reply 392). *Health Phys* 90(3):208-216.
- *Bunzl K, Ruckerbauer F, Winkler R. 1998. Temporal and small-scale spatial variability of ²²²Rn gas in a soil with a high gravel content. *Sci Total Environ* 220(2-3):157-166.
- *Butler C, Samet JM, Black WC, et al. 1986. Histopathologic findings of lung cancer in Navajo men: Relationship to U mining. *Health Phys* 51(3):365-368.
- *Buttafuoco G, Tallarico A, Falcone G. 2007. Mapping soil gas radon concentration: A comparative study of geostatistical methods. *Environ Monit Assess* 131(1-3):135-151.
- *Butterweck G, Schuler C, Vezzù G, et al. 2002. Experimental determination of the absorption rate of unattached radon progeny from respiratory tract to blood. *Radiat Prot Dosimetry* 102(4):343-348.
- Butterweck G, Vezzù G, Schuler C, et al. 2001. *In vivo* measurement of unattached radon progeny deposited in the human respiratory tract. *Radiat Prot Dosimetry* 94(3):247-250.
- Carta P, Aru G, Manca P. 2001. Mortality from lung cancer among silicotic patients in Sardinia: An update study with 10 more years of follow up. *Occup Environ Med* 58(12):786-793.
- *Carta P, Cocco P, Picchiri G. 1994. Lung cancer mortality and airways obstruction among metal miners exposed to silica and low levels of radon daughters. *Am J Ind Med* 25(4):489-506.
- Cartwright RA, Miles JC, Kendall GM. 2003. Childhood cancers and radon. (Comment on: *Lancet* 360(9344):1437-1438). *Lancet* 361(9369):1658.
- Catelinois O, Rogel A, Laurier D, et al. 2006. Lung cancer attributable to indoor radon exposure in France: Impact of the risk models and uncertainty analysis. *Environ Health Perspect* 114(9):1361-1366.
- Cauwels P, Poffijn A. 2000. An improved model for the reconstruction of past radon exposure. *Health Phys* 78(5):528-532.
- Cavallo AJ. 2004. Comment on "The U.S. Environmental Protection Agency's assessment of risks from indoor radon". (Comment on: *Health Phys* 87(1):68-74). *Health Phys* 87(6):671-672, author reply 672.
- CDC. 1989. Lung cancer and exposure to radon in women - New Jersey. Centers for Disease Control. *MMWR Morb Mortal Wkly Rep* 38(42):715-718.

9. REFERENCES

- *CDC. 1999. Radon testing in households with a residential smoker - United States, 1993-1994. Centers for Disease Control. MMWR Morb Mortal Wkly Rep 48(31):683-686.
- Cech I, Burau KD, Walston J. 2007. Spatial distribution of orofacial cleft defect births in Harris County, Texas, 1990 to 1994, and historical evidence for the presence of low-level radioactivity in tap water. (Comment in: South Med J 100(6):553-554). South Med J 100(6):560-569.
- *Cember H. 1983. Introduction to health physics. 2nd ed. New York, NY: Pergamon Press, 335-341.
- *Chamberlain AC, Dyson ED. 1956. The dose to the trachea and bronchi from the decay products of radon and thoron. Br J Radiol 29(342):317-325.
- +*Chameaud J, Masse R, Lafuma J. 1984. Influence of radon daughter exposure at low doses on occurrence of lung cancer in rats. Radiation Protection Dosimetry 7:385-388.
- *Chameaud J, Perraud R, Chrétien J, et al. 1980. Combined effects of inhalation of radon daughter products and tobacco smoke. In: Sanders CL, Cross FT, Dagle GE, et al., eds. Pulmonary toxicology of respirable particles. Oak Ridge, TN: U.S. Department of Energy, 551-557.
- +*Chameaud J, Perraud R, Chrétien J, et al. 1982b. Lung carcinogenesis during *in vivo* cigarette smoking and radon daughter exposure in rats. Recent Results Cancer Res 82:11-20.
- +*Chameaud J, Perraud R, LaFuma J, et al. 1974. Lesions and lung cancers induced in rats by inhaled radon 222 at various equilibriums with radon daughters. In: Karbe E, Park J, eds. Experimental lung cancer. Carcinogenesis and bioassays. New York, NY: Springer-Verlag, 410-421.
- +*Chameaud J, Perraud R, LaFuma J, et al. 1982a. Cancers induced by Rn-222 in the rat. In: Clemente C, Nero A, Steinhausler F, et al., eds. Proceedings of the specialist meeting on the assessment of radon and daughter exposure and related biological effects. Salt Lake City, UT: RD Press, 198-209.
- Chameaud J, Perraud R, Masse R, et al. 1976. Lung cancer induced in rats by radon and its daughter nuclides at different concentrations. In: Biological and environmental effects of low-level radiation. Vol. II. Vienna: International Atomic Energy Agency, 223-228.
- *Chandrashekara MS, Sannappa J, Paramesh L. 2006. Studies on atmospheric electrical conductivity related to radon and its progeny concentrations in the lower atmosphere at Mysore. Atmos Environ 40(11):87-95.
- Chang SY, Ha CW, Lee BH. 1992. Estimate of lifetime excess lung cancer risk due to ²²²Rn daughter exposure in Korea. Radiat Prot Dosimetry 42(2):127-132.
- Charles MW. 2007a. Radon exposure of the skin: I. Biological effects. J Radiol Prot 27(3):231-252.
- Charles MW. 2007b. Radon exposure of the skin: II. Estimation of the attributable risk for skin cancer incidence. J Radiol Prot 27(3):253-274.
- *Checkoway H, Matthe RM, Hickey JL, et al. 1985. Mortality among workers in the Florida phosphate industry. J Occup Med 27(12):885-892.

9. REFERENCES

- *ChemIDplus. 2008. Radon isotopes. ChemIDplus. Bethesda, MD: U.S. National Library of Medicine. <http://sis.nlm.nih.gov/chemical.html>. June 24, 2008.
- Chen J. 2005. Canadian individual risks of radon-induced lung cancer for different exposure profiles. *Can J Public Health* 96(5):360-363.
- Chen W, Chen J. 2002. Nested case-control study of lung cancer in four Chinese tin mines. *Occup Environ Med* 59(2):113-118.
- Chen CJ, Weng PS, Chu TC. 1993. Evaluation of natural radiation in houses built with black schist. *Health Phys* 64(1):74-78.
- Chen SY, Hayes RB, Liang SR, et al. 1990. Mortality experience of haematite mine workers in China. *Br J Ind Med* 47(3):175-181.
- *Chernick CL, Claassen HH, Fields PR, et al. 1962. Fluorine compounds of xenon and radon. *Science* 138(3537):136-138.
- Cheung TT, Yu KN, Nikezic D. 2001. Bronchial dosimeter for radon progeny. *Appl Radiat Isot* 55(5):707-713.
- *Clemente GF, Renzetti A, Santori G, et al. 1982. Pb-210-Po-210 tooth content and radon daughter exposure. In: Vohra K, Pillai K, Mishra U, et al., eds. *Proceedings of the second special symposium on natural radiation environment*. New York, NY: John Wiley and Sons, 269-274.
- *Clemente GF, Renzetti A, Santori G, et al. 1984. Relationship between the ²¹⁰Pb content of teeth and exposure to Rn and Rn daughters. *Health Phys* 47(2):253-262.
- *Clewell HJ, Andersen ME. 1985. Risk assessment extrapolations and physiological modeling. *Toxicol Ind Health* 1(4):111-131.
- Cocco PL, Carta P, Belli S, et al. 1994. Mortality of Sardinian lead and zinc miners: 1960-88. *Occup Environ Med* 51(10):674-682.
- *Cohen BL. 1979. Radon: Characteristics, natural occurrence, technological enhancement, and health effects. *Prog Nucl Energy* 4:1-24.
- *Cohen BL. 1986. A national survey of 222-Rn in U.S. homes and correlating factors. *Health Phys* 51:175-183.
- Cohen BL. 1992. Compilation and integration of studies of radon levels in U.S. homes by states and counties. *Crit Rev Environ Control* 22(3/4):243-364.
- Cohen BL. 1993. Relationship between exposure to radon and various types of cancer. *Health Phys* 65(5):529-531.
- Cohen BL. 1995. Test of the linear-no threshold theory of radiation carcinogenesis for inhaled radon decay products. (Comment in: *Health Phys* 75(1):11-17). *Health Phys* 68(2):157-174.
- Cohen BL. 1997a. Lung cancer rate vs mean radon level in U.S. counties of various characteristics. *Health Phys* 72(1):114-119.

9. REFERENCES

- Cohen BL. 1997b. Problems in the radon vs lung cancer test of the linear no-threshold theory and a procedure for resolving them. (Comment in: Health Phys 73(3):530-532; 75(1):4-10; 75(1):11-17; 75(6):652-654). Health Phys 72(4):623-628.
- Cohen BL. 1998a. Response to criticisms of Smith et al. (Comment on: Health Phys 75(1):11-17). Health Phys 75(1):23-28, discussion 31-33.
- Cohen BL. 1998b. Response to Lubin's proposed explanations of our discrepancy. (Comment in: Health Phys 76(4):437-439). (Comment on: Health Phys 75(1):4-10). Health Phys 75(1):18-22, discussion 29-30.
- Cohen BL. 1999a. Response to "Rejoinder" by Field et al. (Comment in: Health Phys 77(3):328-329). Health Phys 76(4):439-440.
- Cohen BL. 1999b. Response to the Lubin rejoinder. (Comment on: Health Phys 75(1):18-22, discussion 29-30). Health Phys 76(4):437-439.
- Cohen BL. 2000a. Explaining the lung cancer versus radon exposure data for USA counties. (Comment in: J Radiol Prot 21(1):64-66). J Radiol Prot 20(2):219-222.
- Cohen BL. 2000b. Re: "Parallel analyses of individual and ecologic data on residential radon, cofactors, and lung cancer in Sweden". (Comment on: Am J Epidemiol 149(3):268-274). Am J Epidemiol 152(2):194-195.
- Cohen BL. 2001. Radon exposure and the risk of lung cancer. (Comment on: J Radiol Prot 20(2):219-222). J Radiol Prot 21(1):64-66.
- Cohen BL. 2002. Response to 'The potential for bias in Cohen's ecological analysis of lung cancer and residential radon'. (Comment on: J Radiol Prot 22(2):141-148). J Radiol Prot 22(3):305-307, author reply 307-309.
- Cohen BL. 2004a. The Puskin observation on smoking as a confounder in ecologic correlations of cancer mortality rates with average county radon levels. (Comment on: Health Phys 84(4):526-532). Health Phys 86(2):203-204, author reply 204-205.
- Cohen BL. 2004b. The Van Pelt reassessment of our lung cancer vs. radon study. (Comment on: Health Phys 85(4):397-403). Health Phys 86(3):316-318, author reply 318.
- *Cohen BS. 1996. Particle deposition in human and canine tracheobronchial casts: A determinant of radon dose to the critical cells of the respiratory tract. Health Phys 70(5):695-705.
- Cohen BL, Gromicko N. 1988. Adequacy of time averaging with diffusion barrier charcoal adsorption collectors for ²²²Rn measurements in homes. Health Phys 54(2):195-202.
- Cohen BL, Gromicko N. 1989. Radon-222 levels in low income households. Health Phys 56(3):349-354.
- *Cohen BL, Nason R. 1986. A diffusion barrier charcoal adsorption collector for measuring Rn concentrations in indoor air. Health Phys 50(4):457-463.

9. REFERENCES

Cohen BL, Nelson D. 1987. Radon. A homeowner's guide to detection and control. Mount Vernon, NY: Consumers Union, 185.

Cohen BL, Shah RS. 1991. Radon levels in United States homes by states and counties. *Health Phys* 60(2):243-259.

Cohen BL, Stone CA, Schilken CA. 1994. Indoor radon maps of the United States. *Health Phys* 66(2):201-205.

*Cohen N, Jaakkola T, Wrenn ME. 1973. Lead-210 concentrations in the bone, blood and excreta of a former uranium miner. *Health Phys* 24(6):601-609.

Cohn SH, Skow RK, Gong JK. 1953. Radon inhalation studies in rats. *Arch Ind Hyg Occup Med* 7(6):508-515.

*Cole J, Green MH, Bridges BA, et al. 1996. Lack of evidence for an association between the frequency of mutants or translocations in circulating lymphocytes and exposure to radon gas in the home. *Radiat Res* 145(1):61-69.

Collier CG, Strong JC, Baker ST, et al. 1999. Effects of continuous inhalation exposure of rats to radon and its progeny at various levels of dose and dose rate: Interim results. *Radiat Res* 152(Suppl 6):S141-S144.

Collman GW, Loomis DP, Sandler DP. 1988. Radon-222 concentrations in groundwater and cancer mortality in North Carolina. *Int Arch Occup Environ Health* 61:13-18.

Collman GW, Loomis DP, Sandler DP. 1991. Childhood cancer mortality and radon concentration in drinking water in North Carolina. *Br J Cancer* 63(4):626-629.

Conrady VJ, Martin K, Nagel M. 1996. Weniger modelle – spezifischere analytische studien zum radonrisiko in Wohnungen sind notwendig. *Bundesgesundheitsblatt* 3:106-110.

*Correia JA, Weise S, Callahan RJ, et al. 1988. Cumulative organ radioactivity concentrations of 222-radon and its progeny following ingestion. *Journal of Nuclear Medicine* 29(5):872-873.

*Cothorn CR. 1987a. Properties. In: Cothorn C, Smith J, eds. *Environmental radon*. New York, NY: Plenum Press, 1-29.

*Cothorn CR. 1987b. History and uses. In: Cothorn C, Smith J, eds. *Environmental radon*. New York, NY: Plenum Press, 31-58.

Cothorn CR. 1990. Indoor air radon. *Rev Environ Contam Toxicol* 111:1-60.

*Cothorn CR, Lappenbusch WL, Michel J. 1986. Drinking-water contribution to natural background radiation. *Health Phys* 50(1):33-47.

Crawford-Brown DJ. 1983. An age-dependent model for the kinetics of uptake and removal of radionuclides from the G.I. tract. *Health Phys* 44(6):609-622.

Crawford-Brown DJ. 1987. Age-dependent lung doses from ingested ²²²Rn in drinking water. *Health Phys* 52(2):149-156.

9. REFERENCES

- *Crawford-Brown DJ. 1989. The biokinetics and dosimetry of radon-222 in the human body following ingestion of ground water. *Environmental Geochemistry and Health* 11:10-17.
- Crawford-Brown DJ. 1991. Cancer fatalities from waterborne radon (Rn-222). *Risk Anal* 11(1):135-143.
- Crawford-Brown DJ, Cothorn CR. 1987. A Bayesian analysis or scientific judgment of uncertainties in estimating risk due to ²²²Rn in U.S. public drinking water supplies. *Health Phys* 53(1):11-21.
- *Crawford-Brown DJ, Michel J. 1987. Measurement. In: Cothorn C, Smith J, eds. *Environmental radon*. New York, NY: Plenum Press, 59-80.
- *Cross FT. 1988. Radon inhalation studies in animals. *Radiat Prot Dosim* 24(1):463-466.
- *Cross FT. 1994. Invited commentary: Residential radon risks from the perspective of experimental animal studies. (Comment on: *Am J Epidemiol* 140(4):310-322). *Am J Epidemiol* 140(4):333-339.
- Cross FT. 1995. Evidence of cancer risk from experimental animal radon studies. In: Young JP, Yalow RS, eds. *Radiation and public perception: Benefits and risks*. Washington, DC: American Chemical Society.
- Cross FT, Buschbom R, Dagle G, et al. 1985. Inhalation hazards to uranium miners. Pacific Northwest Laboratory annual report for 1984 to the DOE Office of Energy Research. Part 1. Biomedical sciences. PNL-550-Pt 1, 39-41.
- Cross FT, Dagle GE, Gies RA, et al. 1992. Experimental animal studies of radon and cigarette smoke. Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990. Columbus, OH: Battelle Press, 821-844.
- *Cross FT, Filipy RE, Loscutoff SM, et al. 1981a. Histopathologic, morphometric and physiologic investigation of lungs of dogs exposed to uranium ore dust. International conference on radiation hazards in mining, 228-235.
- *Cross FT, Palmer RF, Busch RH, et al. 1981b. Development of lesions in Syrian golden hamsters following exposure to radon daughters and uranium ore dust. *Health Phys* 41(1):135-153.
- *Cross FT, Palmer RF, Busch RH, et al. 1982a. Influence of radon daughter exposure rate and uranium ore dust concentration on occurrence of lung tumors. In: Clement C, Nero A, Steinhausler F, et al., eds. *Proceedings of the specialist meeting on the assessment of radon and daughter exposure and related biological effects*. Salt Lake City: RD Press, 189-197.
- *Cross FT, Palmer RF, Busch RH, et al. 1986. An overview of PNL radon experiments with reference to epidemiological data. In: Thompson R, Mahaffey J, eds. *Life-span radiation effects studies in animals: What can they tell us?* Proceedings 22nd Hanford Life Sciences Symposium, Richland, WA. Springfield, VA: U.S. Department of Energy. DE87000490.
- *Cross FT, Palmer RF, Dagle G, et al. 1984. Influence of radon daughter exposure rate, unattachment fraction, and disequilibrium on occurrence of lung tumours. *Radiation Protection Dosimetry* 7:381-384.

9. REFERENCES

- *Cross FT, Palmer RF, Filipy RE, et al. 1982b. Carcinogenic effects of radon daughters, uranium ore dust and cigarette smoke in beagle dogs. *Health Phys* 42(1):33-52.
- *Dagle GE, Cross FT, Gies RA. 1992. Morphology of respiratory tract lesions in rats exposed to radon progeny. Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990. Columbus, OH: Battelle Press, 659-676.
- *Damber L, Larsson LG. 1982. Combined effects of mining and smoking in the causation of lung carcinoma. *Acta Radiol Oncol* 21(5):305-313.
- Damber L, Larsson LG. 1985. Underground mining, smoking, and lung cancer: A case-control study in the iron ore municipalities in Northern Sweden. *J Natl Cancer Inst* 74(6):1207-1213.
- Dano L, Guilly MN, Dutrillaux B, et al. 2001. Clonal evolution of a radon-induced rat lung tumor. *Cancer Genet Cytogenet* 125(1):52-58.
- Darby SC. 1990. Higher risk coefficients associated with lower average exposure rates among epidemiological studies of the effects of radon in miners. *Int J Radiat Biol* 58(5):860-864.
- *Darby S, Hill D, Auvinen A, et al. 2005. Radon in homes and risk of lung cancer: Collaborative analysis of individual data from 13 European case-control studies. (Comment in: *BMJ* 330(7485):226-227; 330(7500):1151). *BMJ* 330(7485):223.
- *Darby S, Hill D, Deo H, et al. 2006. Residential radon and lung cancer--detailed results of a collaborative analysis of individual data on 7148 persons with lung cancer and 14,208 persons without lung cancer from 13 epidemiologic studies in Europe. (Erratum in: *Scand J Work Environ Health* 33(1):80). *Scand J Work Environ Health* 32(Suppl 1):1-83.
- Darby S, Hill D, Deo H, et al. 2007. Corrections to residential radon and lung cancer--detailed results of a collaborative analysis of individual data on 7148 persons with lung cancer and 14,208 persons without lung cancer from 13 epidemiologic studies in Europe. (Erratum to: *Scand J Work Environ Health* 32(Suppl 1):1-83). *Scand J Work Environ Health* 33(1):80.
- Darby S, Hill D, Doll R. 2001. Radon: A likely carcinogen at all exposures. *Ann Oncol* 12(10):1341-1351.
- Darby S, Radford E, Whitley E. 1995a. Radon exposure and cancers other than lung cancer in Swedish iron miners. *Environ Health Perspect Suppl* 103(2):45-47.
- Darby S, Whitley E, Howe GR, et al. 1995b. Radon and cancers other than lung cancer in underground miners: A collaborative analysis of 11 studies. *J Natl Cancer Inst* 87(5):378-384.
- *Darby S, Whitley E, Silcocks P, et al. 1998. Risk of lung cancer associated with residential radon exposure in south-west England: A case-control study. (Comment in: *Br J Cancer* 79(9-10):1621-1623). *Br J Cancer* 78(3):394-408.
- Davis AJ, Strom DJ. 2008. Uncertainty and variability in historical time-weighted average exposure data. *Health Phys* 94(2):145-160.
- *Davies B, Morris T. 1993. Physiological parameters in laboratory animals and humans. *Pharmacology Research* 10:1093-1095.

9. REFERENCES

- *Dean R. 1981. Semen analyses among uranium miners. In: Wiese W, ed. Birth defects in the Four Corners area. Transcript of a meeting. Albuquerque, NM: University of New Mexico School of Medicine, 51-54.
- Deluca S, Castronovo F. 1988. Radon. *Am Fam Physician* 37(2):233-234.
- Denman AR, Eatough JP, Gillmore G, et al. 2003. Assessment of health risks to skin and lung of elevated radon levels in abandoned mines. *Health Phys* 85(6):733-739.
- Denman AR, Parkinson S, Groves-Kirkby CJ, et al. 2004. ICRP draft recommendations 2005 and radon exposure. *J Radiol Prot* 24(4):423-425.
- De Villiers AJ, Windish JP. 1964. Lung cancer in a fluorspar mining community. I. Radiation, dust, and mortality experience. *Br J Ind Med* 21:94-109.
- De Villiers AJ, Windish JP, Brent FN, et al. 1971. Mortality experience of the community and of the fluorspar mining employees at St. Lawrence, Newfoundland. *Occup Health Rev* 22(1):1-15.
- Distenfeld C, Distenfeld J, Distenfeld L. 2001. Radon measurements and analysis for central Pennsylvania counties having elevated radon levels. *Health Phys* 80(Suppl 5):S55-S61.
- Djuric D, Kilibarda M, Novak L, et al. 1964. Studies on airborne radioactive contamination of miners in a Yugoslav uranium mine. *Health Phys* 10:1059-1064.
- *Dobbin M. 1987. Deep breath down under. *US News World Rep* 102:40.
- *DOE. 1990. Model for assessing radiation dose to epithelial cells of the human respiratory tract from radon progeny. Washington, DC: U.S. Department of Energy. DE91005614.
- *DOE. 2008. NuDat 2.4. National Nuclear Data Center. U.S. Department of Energy. <http://www.nndc.bnl.gov/nudat2/>. June 23, 2008.
- Doi M, Kobayashi S. 1994. Vertical distribution of outdoor radon and thoron in Japan using a new discriminative dosimeter. *Health Phys* 67(4):385-392.
- Doi M, Nakamura Y, Sakashita T, et al. 2001. Lifetime risk of lung cancer due to radon exposure projected to Japanese and Swedish populations. *Health Phys* 80(6):552-562.
- Doke T, Oshima T, Takahashi H, et al. 1973. A radon exposure experiment of rats and mice. *J Radiat Res (Tokyo)* 14(2):153-168.
- Dua SK, Hopke PK, Kotrappa P. 1995. Electret method for continuous measurement of the concentration of radon in water. *Health Phys* 68(1):110-114.
- Dundulis WP, Bell WJ, Keene BE, et al. 1984. Radon-222 in the gastrointestinal tract: A proposed modification of the ICRP Publication 30 model. *Health Phys* 47(2):243-252.
- Duport P. 2002. Is the radon risk overestimated? Neglected doses in the estimation of the risk of lung cancer in uranium underground miners. *Radiat Prot Dosimetry* 98(3):329-338.

9. REFERENCES

- Duport P. 2003. Exposure to residential radon causes lung cancer. Against the proposition. (Comment on: Med Phys 30(4):485-486). Med Phys 30(4):486-488.
- Duport P. 2004. Danger in extrapolating indoor radon risk from underground miner data. (Comment on: Health Phys 87(1):68-74). Health Phys 87(6):670-671, author reply 672.
- Eatough JP. 2004. Radon and leukemia risk in underground miners: Are working level months the most appropriate exposure parameter? (Comment on: Health Phys 81(3):272-288). Health Phys 86(4):425-426, author reply 427-428.
- Eatough JP, Henshaw DL. 1994. Radon exposure and myeloid leukaemia. Int J Epidemiol 23(2):430-431.
- Eatough JP, Worley A, Moss GR. 1999. Personal monitoring of ^{218}Po and ^{214}Po radionuclide deposition onto individuals under normal environmental exposure conditions. Phys Med Biol 44(9):2227-2239.
- EC. 1999. High residential radon health effects in Saxony (Schneeberg study). European Commission. <http://igp-institut.de/Radon.pdf>. April 24, 2008.
- Edling C. 1982. Lung cancer and smoking in a group of iron ore miners. Am J Ind Med 3(2):191-199.
- *Edling C, Axelson O. 1983. Quantitative aspects of radon daughter exposure and lung cancer in underground miners. Br J Ind Med 40(2):182-187.
- Edling C, Kling H, Axelson O. 1984. Radon in homes--a possible cause of lung cancer. Scand J Work Environ Health 10(1):25-34.
- *Eichholz G. 1987. Human exposure. In: Cothorn C, Smith J, eds. Environmental radon. New York, NY: Plenum Press, 131-172.
- Eigenwillig GG. 2006. Errors and blunders in the estimation of radiation exposure for the uranium miners of WISMUT in Germany. (Comment on: Health Phys 90(3):208-216). Health Phys 91(4):390-391, author reply 392.
- Einer-Jensen N, Hunter RHF. 2005. Counter-current transfer in reproductive biology. Reproduction 129:9-18.
- *Eisenbud M, Laurer GR, Rosen JC, et al. 1969. *In vivo* measurement of lead-210 as an indicator of cumulative radon daughter exposure in uranium miners. Health Phys 16(5):637-646.
- *El-Hussein A, Ahmed AA, Mohammed A. 1998. Radiation dose to the human respiratory tract from inhalation of radon-222 and its progeny. Appl Radiat Isot 49(7):783-790.
- *Ellenhorn MJ, Schoenwald S, Ordog G, et al., eds. 1997. Radiation poisoning. In: Ellenhorn's medical toxicology: Diagnosis and treatment of human poisoning. Baltimore, MD: Williams & Wilkins, 1682-1723.
- Enflo A. 2002. Lung cancer risks from residential radon among smokers and non-smokers. J Radiol Prot 22(3A):A95-A99.

9. REFERENCES

- Ennemoser O, Ambach W, Brunner P, et al. 1993a. Exposure to unusually high indoor radon levels. *Lancet* 341(8848):828-829.
- Ennemoser O, Ambach W, Brunner P, et al. 1993b. High domestic and occupational radon exposures: A comparison. (Comment on: *Lancet* 341(8850):919-923). *Lancet* 342(8862):47.
- Ennemoser O, Ambach W, Brunner P, et al. 1994. Unusual high radon exposure in homes and lung cancer. *Lancet* 344(8915):127-128.
- EPA. 1985. Drinking water criteria document for radon. Washington, DC: U.S. Environmental Protection Agency, Office of Drinking Water.
- EPA. 1986a. A citizen's guide to radon - what it is and what to do about it. Washington, DC: U.S. Environmental Protection Agency, Office of Air and Radiation.
- *EPA. 1986b. Interim radon and radon decay product measurement protocols. Washington, DC: U.S. Environmental Protection Agency, Office of Radiation Programs. EPA52018604.
- EPA. 1986c. Radon reduction methods a homeowner's guide. Washington, DC: U.S. Environmental Protection Agency, Research and Development Office.
- *EPA. 1987a. Interim protocols for screening and follow-up radon and radon decay product measurements. Washington, DC: U.S. Environmental Protection Agency. EPA520860141. PB89224265.
- *EPA. 1987b. Radiation protection guidance to federal agencies for occupational exposure; approval of U.S. Environmental Protection Agency recommendations. U.S. Environmental Protection Agency. *Fed Regist* 52:2823-2834.
- *EPA. 1988. Limiting values of radionuclide intake and air concentration and dose conversion factors for inhalation, submersion, and ingestion. Federal Guidance Report No. 11. Washington, DC: U.S. Environmental Protection Agency, Office of Radiation Programs. EPA520188020.
- *EPA. 1989. Risk assessment methodology. Environmental impact statement for NESHAPS radionuclides. Background information document. Vol. 1. Washington, DC: U.S. Environmental Protection Agency, Office of Radiation Programs. EPA520189005.
- EPA. 1990. Interim methods for development of inhalation reference concentrations. Washington, DC: U.S. Environmental Protection Agency, Office of Health and Environmental Assessment, Office of Research and Development, Environmental Criteria and Assessment Office. EPA600890066A.
- *EPA. 1992. Indoor radon and radon decay product measurement device protocols. U.S. Environmental Protection Agency. http://www.smallbiz-enviroweb.org/pub_video/epadocs/jdocs/j08.pdf. August 12, 2008.
- EPA. 1993. External exposure to radionuclides in air, water, and soil. Washington, DC: U.S. Environmental Protection Agency. Office of Radiation and Indoor Air. EPA402R93081. <http://www.epa.gov/radiation/federal/>. May 11, 2007.
- *EPA. 1995. Technical resource document. Extraction and beneficiation of ores and minerals. Vol. 5. Uranium. Washington, DC: U.S. Environmental Protection Agency.

9. REFERENCES

- *EPA. 1997. Special report on environmental endocrine disruption: An effects assessment and analysis. Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum. EPA630R96012.
- *EPA. 1998. Automated Form R for Windows: User's guide (RY97). Washington, DC: U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics.
- *EPA. 1999. Cancer risk coefficients for environmental exposure to radionuclides. Federal Guidance Report No. 13. Washington, DC: U.S. Environmental Protection Agency. EPA402R99001.
- *EPA. 2001. Radionuclide table: Radionuclide carcinogenicity – slope factors. Washington, DC: Office of Radiation and Indoor Air, U.S. Environmental Protection Agency. http://www.epa.gov/radiation/heat/docs/heat2_table_4-d2_0401.wpd. May 18, 2007.
- *EPA. 2003. EPA assessment of risks from radon in homes. U.S. Environmental Protection Agency. EPA402R03003. <http://www.epa.gov/radon/pdfs/402-r-03-003.pdf>. May 13, 2008.
- *EPA. 2005. Toxic chemical release inventory reporting forms and instructions: Revised 2004 version. Section 313 of the Emergency Planning and Community Right-to-Know Act (Title III of the Superfund Amendments and Reauthorization Act of 1986). U.S. Environmental Protection Agency. Office of Environmental Information. EPA260B05001.
- *EPA. 2006a. 2006 Edition of the drinking water standards and health advisories. Washington, DC: Office of Water, U.S. Environmental Protection Agency. EPA822R06013. <http://www.epa.gov/waterscience/criteria/drinking/dwstandards.pdf>. April 11, 2007.
- *EPA. 2006b. National recommended water quality criteria. Washington, DC: U.S. Environmental Protection Agency, Office of Water, Office of Science and Technology. <http://www.epa.gov/waterscience/criteria/nrwqc-2006.pdf>. January 08, 2008.
- *EPA. 2006c. Consumer's guide to radon reduction. How to fix your home. U.S. Environmental Protection Agency. <http://www.epa.gov/radon/pubs/consguid.html>. August 28, 2008.
- *EPA. 2007a. Acute exposure guideline levels (AEGs). Washington, DC: Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency. <http://www.epa.gov/oppt/aegl/pubs/compiled.pdf>. April 24, 2008.
- *EPA. 2007b. The Clean Air Act amendments of 1990 list of hazardous air pollutants. Clean Air Act. U.S. Environmental Protection Agency. United States Code. 42 USC 7412. <http://www.epa.gov/ttn/atw/orig189.html>. April 24, 2008.
- *EPA. 2007c. Standard. U.S. Environmental Protection Agency. Code of Federal Regulations. 61 CFR 22. http://edocket.access.gpo.gov/cfr_2007/julqtr/pdf/40cfr61.22.pdf. June 25, 2008.
- *EPA. 2007d. Standard. U.S. Environmental Protection Agency. Code of Federal Regulations. 61 CFR 92. http://edocket.access.gpo.gov/cfr_2007/julqtr/pdf/40cfr61.92.pdf. June 25, 2008.
- *EPA. 2007e. Standard. U.S. Environmental Protection Agency. Code of Federal Regulations. 61 CFR 192. http://edocket.access.gpo.gov/cfr_2007/julqtr/pdf/40cfr61.192.pdf. June 25, 2008.

9. REFERENCES

- *EPA. 2007f. Standard. U.S. Environmental Protection Agency. Code of Federal Regulations. 61 CFR 202. http://edocket.access.gpo.gov/cfr_2007/julqtr/pdf/40cfr61.202.pdf. June 25, 2008.
- *EPA. 2007g. Standard. Code of Federal Regulations. U.S. Environmental Protection Agency. 61 CFR 222. http://edocket.access.gpo.gov/cfr_2007/julqtr/pdf/40cfr61.222.pdf. June 25, 2008.
- *EPA. 2007h. Standard. Code of Federal Regulations. U.S. Environmental Protection Agency. 61 CFR 252. http://edocket.access.gpo.gov/cfr_2007/julqtr/pdf/40cfr61.252.pdf. June 25, 2008.
- *EPA. 2007i. Emission standard. Code of Federal Regulations. 40 CFR 61.122 http://edocket.access.gpo.gov/cfr_2007/julqtr/pdf/40cfr61.122.pdf. June 26, 2008.
- *EPA. 2007j. Provisions. Code of Federal Regulations. 40 CFR 192.41 U.S. Environmental Protection Agency. http://edocket.access.gpo.gov/cfr_2006/julqtr/pdf/40cfr192.41.pdf. June 26, 2008.
- *EPA. 2007k. A citizen's guide to radon: The guide to protecting yourself and your family from radon. U.S. Environmental Protection Agency. <http://www.epa.gov/radon/pubs/citguide.html>. August 28, 2008.
- *EPA. 2008a. Designation of hazardous substances. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4. <http://www.epa.gov/lawsregs/search/40cfr.html>.
- EPA. 2008b. Radon. U.S. Environmental Protection Agency. <http://www.epa.gov/radon/>. May 13, 2008.
- *EPA. 2008c. More action needed to protect public from indoor radon risks. Report No. 08-P-0174. Washington, DC: U.S. Environmental Protection Agency.
- *Ericson JE, Pham PG. 2001. Radon levels in combustion stream of a natural gas incinerator power plant. *Bull Environ Contam Toxicol* 66(1):59-63.
- Etherington DJ, Pheby DF, Bray FI. 1996. An ecological study of cancer incidence and radon levels in South West England. *Eur J Cancer* 32A(7):1189-1197.
- *European Commission. 1995. European collaborative action. Indoor air quality and its impact on man. Environment and quality of life. Report no. 15. Radon in indoor air. Luxembourg: European Commission. http://www.inive.org/medias/ECA/ECA_Report15.pdf. August 28, 2008.
- European Community. 2003. Quantification of lung cancer risk after low radon exposure and low exposure rate: Synthesis from epidemiological and experimental data. European Community under the Fifth Programme (1998-2002). http://net-science.irsn.org/net-science/liblocal/docs/docs_DRPH/uminers_an_data_sum.pdf. April 07, 2008.
- *Evans HH. 1991. Cellular and molecular effects of radon and other alpha particle emitters. In: Obe G, ed. *Advances in mutagenesis research*. Vol. 3. Berlin, Germany: Springer-Verlag, 28-52.
- *Evans HH. 1992. Relationship of the cellular and molecular effects of alpha-particle irradiation to radon-induced lung cancer. *Indoor radon and lung cancer: Reality or myth?* Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990. Columbus, OH: Battelle Press, 537-552.

9. REFERENCES

- *Evans HH, Mencl J, Bakale G, et al. 1993a. Interlaboratory comparison of the effects of radon on L5178Y cells: Dose contribution of radon daughter association with cells. *Radiat Res* 136(1):48-56.
- *Evans HH, Mencl J, Hui TE, et al. 1993b. Cytotoxic and mutagenic effects of radon and radon daughters on murine L5178Y lines differing in DNA repair. *Radiat Res* 136(1):57-64.
- Evrard AS, Hémon D, Billon S, et al. 2005. Ecological association between indoor radon concentration and childhood leukaemia incidence in France, 1990-1998. *Eur J Cancer Prev* 14(2):147-157.
- Fabrikant JJ. 1990. Shelter and indoor air in the twenty-first century--radon, smoking, and lung cancer risks. *Environ Health Perspect* 86:275-280.
- Fakir H, Hofmann W, Caswell RS, et al. 2005. Microdosimetry of inhomogeneous radon progeny distributions in bronchial airways. *Radiat Prot Dosimetry* 113(2):129-139.
- Fakir H, Hofmann W, Caswell RS. 2008. Radon progeny microdosimetry in human and rat bronchial airways: The effect of crossfire from the alveolar region. *Radiat Prot Dosimetry* [Epub ahead of print].
- *FEDRIP. 2008. Radon. Federal Research in Progress database. Springfield, VA: National Technical Information Service.
- Fernau A, Smereker H. 1933. Über das verbleiben radioaktiver substanz im organismus bei radium-emanationstrinkkuren. *Strahlentherapie* 46:365-373.
- *Field RW. 1999. Radon occurrence and health risk. Iowa City, IA: University of Iowa. http://www.cheec.uiowa.edu/misc/radon_occ.pdf. August 28, 2008.
- Field RW. 2001. A review of residential radon case-control epidemiologic studies performed in the United States. *Rev Environ Health* 16(3):151-167.
- Field RW. 2003. Exposure to residential radon causes lung cancer. For the proposition. (Comment in: *Med Phys* 30(4):486-488). *Med Phys* 30(4):485-486.
- *Field RW. 2005. Three Mile Island epidemiologic radiation dose assessment revisited: 25 years after the accident. *Radiat Prot Dosimetry* 113(2):214-217.
- Field RW, Kross BC. 1996. Intercomparison of waterborne ²²²Rn collection methods: Professional vs. homeowner collection. *Ground Water Monit Remed* 16:106-112.
- *Field RW, Kross BC. 1998. Iowa survey of waterborne ²²²Rn concentrations in private wells. *Health Phys* 74(2):249-252.
- Field RW, Fisher EL, Valentine RL, et al. 1995. Radium-bearing pipe scale deposits: Implications for national waterborne radon sampling methods. *Am J Public Health* 85:567-570.
- Field RW, Krewski D, Lubin JH, et al. 2006. An overview of the North American residential radon and lung cancer case-control studies. *J Toxicol Environ Health A* 69(7):599-631.
- Field RW, Kross BC, Weih LM, et al. 1993. Factors associated with elevated ²²²Rn levels in Iowa. *Health Phys* 65(2):178-184.

9. REFERENCES

Field RW, Smith BJ, Lynch CF. 1999a. Cohen's paradox. (Comment on: Health Phys 76(4):439-440). Health Phys 77(3):328-329.

*Field RW, Smith BJ, Steck DJ, et al. 2002. Residential radon exposure and lung cancer: Variation in risk estimates using alternative exposure scenarios. J Expo Anal Environ Epidemiol 12(3):197-203.

*Field RW, Steck DJ, Lynch CF, et al. 1996. Residential radon-222 exposure and lung cancer: Exposure assessment methodology. J Expo Anal Environ Epidemiol 6(2):181-195.

Field RW, Steck DJ, Neuberger JS. 1997. Accounting for random error in radon exposure assessment. (Comment on: Health Phys 72(2):269-276). Health Phys 73(1):272-273.

*Field RW, Steck DJ, Parkhurst MA, et al. 1999b. Intercomparison of retrospective radon detectors. Environ Health Perspect 107(11):905-910.

*Field RW, Steck DJ, Smith BJ, et al. 2000. Residential radon gas exposure and lung cancer: The Iowa Radon Lung Cancer Study. (Comment in: Am J Epidemiol 152(9):895-896). Am J Epidemiol 151(11):1091-1102.

*Field RW, Steck DJ, Smith BJ, et al. 2001. The Iowa radon lung cancer study - phase I: Residential radon gas exposure and lung cancer. Sci Total Environ 272(1-3):67-72.

*Filipy R, Stuart B, Palmer R, et al. 1974. The effects of inhaled uranium mine air contaminants in beagle dogs. In: Karbe E, Park J, eds. Experimental lung cancer. Carcinogenesis and bioassays. New York, NY: Springer-Verlag, 403-410.

Finkelstein MM. 1995. Silicosis, radon, and lung cancer risk in Ontario miners. Health Phys 69(3):396-399.

Finkelstein MM. 1996. Clinical measures, smoking, radon exposure, and risk of lung cancer in uranium miners. Occup Environ Med 53(10):697-702.

Fisenne I. 1987. Radon concentrations at Chester, New Jersey and New York City. Personal communication. Environmental Measurements Laboratory. New York, NY. (As cited in NCRP 1987)

*Fishbein L. 1992. Exposure from occupational versus other sources. Scand J Work Environ Health 18(1):5-16.

Fisher EL, Field RW, Smith BJ, et al. 1998. Spatial variation of residential radon concentrations: The Iowa radon lung cancer study. Health Phys 75(5):506-513.

*Fisher EL, Fuortes LJ, Field RW. 1996. Occupational exposure of water-plant operators to high concentrations of radon-222 gas. J Occup Environ Med 38(8):759-764.

*Fitzgerald B, Hopke PK, Datye V, et al. 1997. Experimental assessment of the short- and long-term effects of ²²²Rn from domestic shower water on the dose burden incurred in normally occupied homes. Environ Sci Technol 31:1822-1829.

*Fleischer R. 1986. A possible association between lung cancer and a geological outcrop. Health Phys 50:823-827.

9. REFERENCES

- *Fomon SJ. 1966. Body composition of the infant: Part I: The male reference infant. In: Falkner F, ed. Human development. Philadelphia, PA: WB Saunders, 239-246.
- *Fomon SJ, Haschke F, Ziegler EE, et al. 1982. Body composition of reference children from birth to age 10 years. *Am J Clin Nutr* 35(Suppl 5):1169-1175.
- Forastiere F, Sperati A, Cherubini G, et al. 1998. Adult myeloid leukaemia, geology, and domestic exposure to radon and gamma radiation: A case control study in central Italy. *Occup Environ Med* 55(2):106-110.
- Foreman ME, McCoy LS, Frazier ME. 1992. Involvement of oncogenes in radon-induced lung tumors in rats. Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990. Columbus, OH: Battelle Press, 649-655.
- *Fox A, Goldblatt P, Kinlen L. 1981. A study of the mortality of Cornish tin miners. *Br J Ind Med* 38:378-380.
- FRC. 1960. Radiation protection guidance for federal agencies. Federal Radiation Council. *Fed Regist* 60:4402-4403.
- *Fronka A, Moucka L, Jerabek M. 2008. Detection properties of a measuring system for a continuous soil radon concentrations monitoring. *Radiat Prot Dosimetry* 130(1):56-59.
- *Fry F, Smith-Briggs J, O'Riordan M. 1983. Skeletal lead-210 as an index of exposure to radon decay products in mining. *Br J Ind Med* 40:58-60.
- Fu H, Gu XQ. 1991. Excess risk of lung cancer among metal miners. *J Occup Med* 3(2):71-74.
- *Fujiyoshi R, Morimoto H, Sawamura S. 2002. Investigation of the soil radon variation during the winter months in Sapporo, Japan. *Chemosphere* 47(4):369-373.
- Furrer D, Cramer R, Burkart W. 1991. Dynamics of Rn transport from the cellar to the living area in an unheated house. *Health Phys* 60(3):393-398.
- *Furuno K. 1979. [Applications of radioactive spring water and excretion of radon in the expired air.] *Okayama Daigaku Onsen Kenkyusho Hokoku* 49:1-6. (Japanese)
- *Geiger EL. 1967. Radon film badge. *Health Phys* 13(4):407-411.
- *George AC. 1988. Instruments and methods for measuring indoor radon and radon progeny concentrations. In: Makofske WJ, Edelstein MR, eds. Radon and the environment. Park Ridge, NJ: Noyes Publications, 118-136.
- *George A, Breslin A. 1967. Deposition of natural radon daughters in human subjects. *Health Phys* 13:375-378.
- *George A, Breslin A. 1969. Deposition of radon daughters in humans exposed to uranium mine atmospheres. *Health Phys* 17:115-124.
- Geraskin SA, Kim JK, Oudalova AA, et al. 2005. Bio-monitoring the genotoxicity of populations of Scots pine in the vicinity of a radioactive waste storage facility. *Mutat Res* 583(1):55-66.

9. REFERENCES

- Geraskin SA, Zimina LM, Dikarev VG, et al. 2003. Bioindication of the anthropogenic effects on micropopulations of *Pinus sylvestris*, L. in the vicinity of a plant for the storage and processing of radioactive waste and in the Chernobyl NPP zone. *J Environ Radioact* 66(1-2):171-180.
- Gerken M, Kreienbrock L, Wellmann J, et al. 2000. Models for retrospective quantification of indoor radon exposure in case-control studies. *Health Phys* 78(3):268-278.
- *Gesell T. 1983. Background atmospheric ²²²Rn concentrations outdoors and indoors: A review. *Health Phys* 45:289-302.
- Gies R, Cross F, Dagle G. 1987. A histologic study of the influence of cigarette smoking in suppressing Rn daughter carcinogenesis in dogs. *Health Phys* 53:527-529.
- *Gilbert ES, Cross FT, Dagle GE. 1996. Analysis of lung tumor risks in rats exposed to radon. *Radiat Res* 145(3):350-360.
- *Giwerzman A, Carlsen E, Keiding N, et al. 1993. Evidence for increasing incidence of abnormalities of the human testis: A review. *Environ Health Perspect Suppl* 101(2):65-71.
- *Gosink TA, Baskaran M, Holleman DF. 1990. Radon in the human body from drinking water. *Health Phys* 59(6):919-924.
- *Gotchy R, Schiager K. 1969. Bioassay methods for estimating current exposures to short-lived radon progeny. *Health Phys* 17:199-218.
- *Gottlieb L, Husen L. 1982. Lung cancer among Navajo uranium miners. *Chest* 81:449-452.
- Goyer N. 1990. Chemical contaminants in office buildings. *Am Ind Hyg Assoc J* 51:615-619.
- Grasty RL. 1994. Summer outdoor radon variations in Canada and their relation to soil moisture. *Health Phys* 66(2):185-193.
- Green BMR, Cliff KD, Miles JCH, et al. 1992. Radon studies in UK homes. *Radiat Prot Dosimetry* 45(1):519-522.
- *Greenland S, Morgenstern H. 1989. Ecological bias, confounding, and effect modification. *Int J Epidemiol* 18(1):269-274.
- Groch KM, Khan MA, Brooks AL, et al. 1997. Lung cancer response following inhaled radon in the A/J and C57BL/6J mouse. *Int J Radiat Biol* 71(3):301-308.
- Grosche B, Kreuzer M, Kreisheimer M, et al. 2006. Lung cancer risk among German male uranium miners: A cohort study, 1946-1998. *Br J Cancer* 95(9):1280-1287.
- Gudernatsch J, Bagg H. 1920. Disturbances in the development of mammalian embryos caused by radium emanation. *Proc Soc Exp Biol Med* 17:183-187.
- Gunby JA, Darby SC, Miles JC, et al. 1993. Factors affecting indoor radon concentrations in the United Kingdom. *Health Phys* 64(1):2-12.

9. REFERENCES

- Gustavsson P, Jakobsson R, Nyberg F, et al. 2000. Occupational exposure and lung cancer risk: A population-based case-referent study in Sweden. *Am J Epidemiol* 152(1):32-40.
- *Guyton A. 1977. Physiologic peculiarities of specific pulmonary abnormalities. In: *Basic human physiology*. Philadelphia, PA: W.B. Saunders Company, 434-438.
- *Guzelian PS, Henry CJ, Olin SS, eds. 1992. *Similarities and differences between children and adults: Implications for risk assessment*. Washington, DC: International Life Sciences Institute Press.
- Haque AKMM. 1990. Effects of inhalation of radon daughters in the lungs. In: Majumdar SK, Schmalz RF, Miller EW, eds. *Environmental radon: Occurrence, control and health hazards*. Easton, PA: Pennsylvania Academy of Science, 282-303.
- *Harley J. 1973. Environmental radon. In: Stanley R, Moghissi A, eds. *Noble gases*. Washington, DC: U.S. Energy Development and Research Agency, National Environmental Research Center, CONF-730915, 109-114.
- Harley NH. 1991a. Methodology issues in risk assessment for radon. *Environ Health Perspect* 90:177-180.
- Harley NH. 1991b. Radon levels in a high-rise apartment. *Health Phys* 61(2):263-265.
- *Harley N, Pasternack B. 1982. Environmental radon daughter alpha dose factors in a five-lobed human lung. *Health Phys* 42:789-799.
- *Harley NH, Robbins ES. 1994. A biokinetic model for ²²²Rn gas distribution and alpha dose in humans following ingestion. *Environ Int* 20(5):605-610.
- *Harley JH, Jetter ES, Nelson N. 1994. Elimination of Rn-222 from the body. *Environ Int* 20:573-584.
- *HazDat. 2008. Radon. HazDat Database: ATSDR's Hazardous Substance Release and Health Effects Database. Atlanta, GA: Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/hazdat.html>. May 10, 2008.
- Hazelton WD, Luebeck EG, Heidenreich WF, et al. 2001. Analysis of a historical cohort of Chinese tin miners with arsenic, radon, cigarette smoke, and pipe smoke exposures using the biologically based two-stage clonal expansion model. *Radiat Res* 156(1):78-94.
- Heath CW, Bond PD, Hoel DG, et al. 2004. Residential radon exposure and lung cancer risk: Commentary on Cohen's county-based study. *Health Phys* 87(6):647-655, discussion 656-658.
- Hei TK, Bedford J, Waldren CA. 1994a. 53 Mutation hotspot in radon-associated lung cancer. (Comment on: *Lancet* 343(8889):86-87). *Lancet* 343(8906):1158-1159.
- Hei TK, Piao CQ, Willey JC, et al. 1994b. Malignant transformation of human bronchial epithelial cells by radon-simulated alpha-particles. *Carcinogenesis* 15(3):431-437.
- Heid IM, Küchenhoff H, Miles J, et al. 2004. Two dimensions of measurement error: Classical and Berkson error in residential radon exposure assessment. *J Expo Anal Environ Epidemiol* 14(5):365-377.

9. REFERENCES

- Heid IM, Küchenhoff H, Rosario AS, et al. 2006. Impact of measurement error in exposures in German radon studies. *J Toxicol Environ Health A* 69(7):701-721.
- Heid IM, Küchenhoff H, Wellmann J, et al. 2002. On the potential of measurement error to induce differential bias on odds ratio estimates: An example from radon epidemiology. *Stat Med* 21(21):3261-3278.
- Heidenreich WF, Paretzke HG. 2004. Interpretation by modelling of observations in radon radiation carcinogenesis. *Radiat Prot Dosimetry* 112(4):501-507.
- Heidenreich WF, Brugmans MJ, Little MP, et al. 2000. Analysis of lung tumour risk in radon-exposed rats: An intercomparison of multi-step modelling. *Radiat Environ Biophys* 39(4):253-264.
- Heidenreich WF, Collier C, Morlier JP, et al. 2004a. Age-adjustment in experimental animal data and its application to lung cancer in radon-exposed rats. *Radiat Environ Biophys* 43(3):183-188.
- Heidenreich WF, Jacob P, Paretzke HG, et al. 1999. Two-step model for the risk of fatal and incidental lung tumors in rats exposed to radon. *Radiat Res* 151(2):209-217.
- Heidenreich WF, Tomasek L, Rogel A, et al. 2004b. Studies of radon-exposed miner cohorts using a biologically based model: Comparison of current Czech and French data with historic data from China and Colorado. (Comment in: *Radiat Environ Biophys* 44(2):149-151, author reply 153-154; 44(2):155-156). *Radiat Environ Biophys* 43(4):247-256.
- *Hellman B, Friis L, Vaghef H, et al. 1999. Alkaline single cell gel electrophoresis and human biomonitoring for genotoxicity: A study on subjects with residential exposure to radon. *Mutat Res* 442(2):121-132.
- Henshaw D. 1991. Radon and leukaemia. *Leukemia* 5(9):826-827.
- Henshaw DL, Eatough JP, Richardson RB. 1990. Radon as a causative factor in induction of myeloid leukaemia and other cancers. (Comment in: *Lancet* 335(8701):1336-1340; 337(8739):503-504; 338(8781):1537-1538). *Lancet* 335(8696):1008-1012.
- *Hess C, Michel J, Horton T, et al. 1985. The occurrence of radioactivity in public water supplies in the United States. *Health Phys* 48(5):553-586.
- *Hess C, Weiffenbach C, Norton S. 1983. Environmental radon and cancer correlations in Maine. *Health Phys* 45(2):339-348.
- Hodgson JT, Jones RD. 1990a. Corrections for mortality of a cohort of tin miners 1941-86. (Erratum to: *Br J Ind Med* 47(10):665-676). *Br J Ind Med* 47(12):846.
- *Hodgson JT, Jones RD. 1990b. Mortality of a cohort of tin miners 1941-1986. (Erratum in: *Br J Ind Med* 47(12):846). *Br J Ind Med* 47(10):665-676.
- *Hoel DG, Davis DL, Miller AB, et al. 1992. Trends in cancer mortality in 15 industrialized countries, 1969-1986. *J Natl Cancer Inst* 84(5):313-320.
- Hofmann W, Balashazy I, Heistracher T, et al. 1996. The significance of particle deposition patterns in bronchial airway bifurcations for extrapolation modeling. *Aerosol Sci Technol* 25(3):305-327.

9. REFERENCES

- Hofmann W, Crawford-Brown DJ, Fakir H, et al. 2002. Energy deposition, cellular radiation effects and lung cancer risk by radon progeny alpha particles. *Radiat Prot Dosimetry* 99(1-4):453-456.
- Hofmann W, Crawford-Brown DJ, Ménache MG, et al. 1991. Carcinogenic risk of non-uniform alpha particle irradiation in the lungs: Radon progeny effects at bronchial bifurcations. *Radiat Prot Environ* 38(1):91-97.
- Hofmann W, Fakir H, Pihet P. 2007. Internal microdosimetry of inhaled radon progeny in bronchial airways: Advantages and limitations. *Radiat Prot Dosimetry* [Epub ahead of print].
- Hofmann W, Johnson JR, Freedman N. 1990. Lung dosimetry of thorotrast patients. *Health Phys* 59(6):777-790.
- Hofmann W, Ménache MG, Graham RC. 1993. Radon progeny dosimetry in the rat lung. *Health Phys* 64(3):279-290.
- *Hofmann W, Steinhausler F, Pohl E. 1979. Dose calculations for the respiratory tract from inhaled natural radioactive nuclides as a function of age. I. *Health Phys* 37:517-532.
- *Hollcroft J, Lorenz E. 1949. Retention of radon by the mouse. I. Experimental determination of biodecay and energy absorbed. *Nucleonics* 9:63-71.
- *Hollcroft J, Lorenz E, Matthews M, et al. 1955. Long-term survival following X irradiation and the irradiation of the alpha particles from radon and its decay products. *J Natl Cancer Inst* 15:1059-1067.
- *Holleman D, Martz D, Schiager K. 1969. Total respiratory deposition of radon daughters from inhalation of uranium mine atmospheres. *Health Phys* 17:187-192.
- Holaday DA. 1955. The radon problem in deep-level mining. *AMA Arch Ind Health* 12(2):163-166.
- Holaday DA. 1969. History of the exposure of miners to radon. *Health Phys* 16:547-552.
- Holloway C, Turner J. 1981. Guide to literature on the dosimetry, metabolism, pathology, epidemiology and environmental aspects of radon, its daughters and its parents. Oak Ridge, TN: Oak Ridge National Laboratory. ORNL/CF-81/276.
- *Hopke P. 1987. The indoor radon problem explained for the layman. In: Hopke P, ed. *Radon and its decay products*. Washington, DC: American Chemical Society, 572-586.
- *Hornung R, Meinhardt T. 1987. Quantitative risk assessment of lung cancer in U.S. uranium miners. *Health Phys* 52:417-430.
- *Hornung RW, Deddens J, Roscoe R. 1995. Modifiers of exposure-response estimates for lung cancer among miners exposed to radon progeny. *Environ Health Perspect Suppl* 103:49-53.
- *Hornung RW, Deddens JA, Roscoe RJ. 1998. Modifiers of lung cancer risk in uranium miners from the Colorado Plateau. *Health Phys* 74(1):12-21.
- *Howe GR, Stager RH. 1996. Risk of lung cancer mortality after exposure to radon decay products in the Beaverlodge cohort based on revised exposure estimates. *Radiat Res* 146(1):37-42.

9. REFERENCES

- *Howe GR, Nair R, Newcombe H, et al. 1986. Lung cancer mortality (1950-80) in relation to radon daughter exposure in a cohort of workers at the Eldorado Beaverlodge uranium mine. *J Natl Cancer Inst* 77:357-362.
- *Howe GR, Nair R, Newcombe H, et al. 1987. Lung cancer mortality (1950-80) in relation to radon daughter exposure in a cohort of workers at the Eldorado Port Radium uranium mine: Possible modification of risk by exposure rate. *J Natl Cancer Inst* 79:1255-1260.
- *HSDB. 2008. Radon, radioactive. Hazardous Substances Data Bank. National Library of Medicine. <http://toxnet.nlm.nih.gov>. June 25, 2008.
- *Hursh JB, Mercer TT. 1970. Measurement of ^{212}Pb loss rate from human lungs. *J Appl Physiol* 28:268-274.
- *Hursh JB, Schraub A, Sattler EL, et al. 1969a. Fate of ^{212}Pb inhaled by human subjects. *Health Phys* 16:257-267.
- *Hursh JB, Neuman WR, Toribara T, et al. 1969b. Oral ingestion of uranium by man. *Health Phys* 17:619-621.
- *Hursh J, Morken D, Davis T, et al. 1965. The fate of radon ingested by man. *Health Phys* 11:465-476.
- *Hwang S, Lein RD, Morgan DA. 2005. Noble gases. In: Kirk-Othmer encyclopedia of chemical technology. John Wiley & Sons. <http://mrw.interscience.wiley.com/emrw/9780471238966/kirk/article/gasehwan.a01/current/pdf>. May 13, 2008.
- *IAEA. 2004. The long-term stabilisation of uranium mill tailings. Final report on the co-ordinated research project 2000-2004. Vienna, Austria: International Atomic Energy Agency. IAEA-TECDOC-1403. <http://www-pub.iaea.org/MTCD/publications/PubDetails.asp?pubId=7054>. August 26, 2008.
- IARC. 1988. IARC monographs on the evaluation of carcinogenic risks to humans. Man-made mineral fibers and radon. Lyon, France: International Agency for Research on Cancer 43:189.
- *IARC. 2008. Agents reviewed by the IARC monographs: Vol. 1-99. Lyon, France: International Agency for Research on Cancer. <http://monographs.iarc.fr/ENG/Classification/index.php>. April 24, 2008.
- ICRP. 1966. Deposition and retention models for internal dosimetry of the human respiratory tract. Task Group on Lung Dynamics for Committee II of the International Commission on Radiological Protection. International Commission on Radiological Protection. *Health Phys* 12:173-207.
- *ICRP. 1975. Report of the Task Group on Reference Man. ICRP Publication 23. New York, NY: International Commission on Radiological Protection. Pergamon Press.
- *ICRP. 1977. Recommendations of the International Commission on Radiological Protection. ICRP Publication No. 26. New York, NY: International Commission on Radiological Protection. Pergamon Press.

9. REFERENCES

- *ICRP. 1978. Limits for inhaled radionuclides by workers. ICRP Publication 23. New York, NY: International Commission on Radiological Protection. Pergamon Press.
- *ICRP. 1979. Limits for intakes of radionuclides by workers. ICRP Publication 30 Part 1. New York, NY: International Commission on Radiological Protection. Pergamon Press.
- *ICRP. 1980. Limits for intakes of radionuclides by workers. ICRP Publication 30 Part 2. New York, NY: International Commission on Radiological Protection. Pergamon Press.
- *ICRP. 1982. Limits for inhalation of radon daughters by workers. ICRP Publication 32. New York, NY: International Commission on Radiological Protection. Pergamon Press.
- ICRP. 1988. Lung cancer risk from indoor exposures to radon daughters: ICRP publication 50. *J Radiol Prot* 8(1):55.
- *ICRP. 1990. Age-dependent doses to members of the public from intake of radionuclides, Part 1. ICRP Publication 56. Elmsford, NY: International Commission on Radiological Protection. Pergamon Press, 6-12.
- *ICRP. 1994a. Protection against radon-222 at home and at work. ICRP Publication 65. Vol. 23, No. 2. Tarrytown, NY: International Commission on Radiological Protection. Elsevier Science, Inc.
- *ICRP. 1994b. Human respiratory tract model for radiological protection. Oxford: International Commission on Radiological Protection. Pergamon Press.
- *ICRP. 1994c. Age-dependent doses to members of the public from intake of radionuclides. Part 2. Ingestion dose coefficients. ICRP Publication 67. Tarrytown, NY: International Commission on Radiological Protection. Elsevier Sciences, Inc., 75-84.
- *ICRP. 1995. Dose coefficients for intakes of radionuclides by workers. ICRP Publication 68. Tarrytown, NY: International Commission on Radiological Protection. Elsevier Science Inc., 1-13, 64-65.
- *ICRP. 1996a. Age-dependent doses to members of the public from intake of radionuclides: Part 4. Inhalation dose coefficients. Publication No. 71. Tarrytown, NY: Elsevier Science Inc., 9-23, 328-345.
- ICRP. 1996b. Age-dependent doses to members of the public from intake of radionuclides: Part 5. Compilation of ingestion and inhalation dose coefficients. Publication No. 72. Tarrytown, NY: Elsevier Science Inc., 3-13, 38-39, 75-77.
- *ICRP. 2001. Bismuth, lead, polonium. The ICRP database of dose coefficients workers and members of the public. Version 2.01. International Commission on Radiological Protection. Elsevier Science Ltd.
- *IRIS. 2008. Radon-222. Integrated Risk Information System. Washington, DC: U.S. Environmental Protection Agency. <http://www.epa.gov/iris/subst/index.html>. April 24, 2008.
- Ishikawa Y, Mori T, Kato Y, et al. 1992. Lung cancers associated with thorotrast exposure: High incidence of small-cell carcinoma and implications for estimation of radon risk. *Int J Cancer* 52(4):570-574.

9. REFERENCES

- *Ishikawa T, Narazaki Y, Yasuoka Y, et al. 2003b. Bio-kinetics of radon ingested from drinking water. *Radiat Prot Dosimetry* 105(1-4):65-70.
- *Ishikawa T, Yamada Y, Fukutsu K, et al. 2003a. Deposition and clearance for radon progeny in the human respiratory tract. *Radiat Prot Dosimetry* 105(1-4):143-148.
- Ishimori Y. 2007. Time-integrated monitoring of radon progeny around a closed uranium mine in Japan. *J Environ Radioact* 93(1):51-61.
- *Israeli M. 1985. Deposition rates on Rn progeny in houses. *Health Phys* 49:1069-1083.
- *Jacobi W. 1964. The dose to the human respiratory tract by inhalation of short-lived ^{222}Rn - and ^{220}Rn -decay products. *Health Phys* 10:1163-1175.
- Jacobi W. 1972. Relations between the inhaled potential alpha-energy of ^{222}Rn - and ^{222}Rn -daughters and the absorbed alpha-energy in the bronchial and pulmonary region. *Health Phys* 23:3-11.
- Jagger J. 1994. Reply to Stidley and Samet. (Comment on: *Health Phys* 65(3):234-251). *Health Phys* 66(2):212.
- *Jaki S, Hess V. 1958. Study of the distribution radon, thoron and their decay products above and below the ground. *J Geophys Res* 63:373-390.
- *James A. 1987. A reconsideration of cells at risk and other key factors in radon daughter dosimetry. In: Hopke P, ed. *Radon and its decay products: Occurrence, properties and health effects*. ACS Symposium Series 331. Washington, DC: American Chemical Society, 400-418.
- *James AC, Birchall A, Akabani G. 2004. Comparative dosimetry of BEIR VI revisited. *Radiat Prot Dosimetry* 108(1):3-26.
- *James AC, Stahlhofen W, Rudolf G, et al. 1994. Deposition of inhaled particles. *Ann ICRP* 24:231-299.
- *Jin Y, Yie TA, Carothers AM. 1995. Non-random deletions at the dihydrofolate reductase locus of Chinese hamster ovary cells induced by alpha-particles simulating radon. *Carcinogenesis* 16(8):1981-1991.
- *Johanson CE. 1980. Permeability and vascularity of the developing brain: Cerebellum vs cerebral cortex. *Brain Res* 190(1):3-16.
- Johnson NF, Newton GJ. 1994. Estimation of the dose of radon progeny to the peripheral lung and the effect of exposure to radon progeny on the alveolar macrophage. *Radiat Res* 139(2):163-169.
- Johnson NF, Newton GJ, Guilmette RA. 1992. Effects of acute radon progeny exposure on rat alveolar macrophage number and function. *Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990*. Columbus, OH: Battelle Press, 627-636.
- *Johnston PN, Hult M, Gasparro J, et al. 2005. The distribution of ^{210}Pb in human bone and its impact on methods for the retrospective estimation of ^{222}Rn exposure from *in vivo* measurements. *J Environ Radioact* 80:245-257.

9. REFERENCES

- *Jonassen N. 1975. On the effect of atmospheric pressure variations on the radon-222 concentration in unventilated rooms. *Health Phys* 29:216-220.
- *Jorgensen H. 1984. Lung cancer among underground workers in the iron ore mine of Kiruna based on thirty years of observation. *Ann Acad Med Singapore* 13:371-377.
- *Jostes RF. 1996. Genetic, cytogenetic, and carcinogenic effects of radon: A review. *Mutat Res* 340:(2-3) 125-139.
- *Jostes RF, Fleck EW, Morgan TL, et al. 1994. Southern blot and polymerase chain reaction exon analyses of HPRT⁻ mutations induced by radon and radon progeny. *Radiat Res* 137(3):371-379.
- Kaiser JC, Heidenreich WF, Monchaux G, et al. 2004. Lung tumour risk in radon-exposed rats from different experiments: Comparative analysis with biologically based models. *Radiat Environ Biophys* 43(3):189-201.
- Kaletsch U, Kaatsch P, Meinert R, et al. 1999. Childhood cancer and residential radon exposure- results of a population-based case-control study in Lower Saxony (Germany). *Radiat Environ Biophys* 38(3):211-215.
- Kellington JP, Eldred TM, Ambrose K, et al. 1997. Effects of radiation quality on lung tumour induction in CBA/Ca mice. Proceedings of international conference on the health effects of low level radiation. London, England: BNED, 44-51.
- *Kendall GM, Smith TJ. 2002. Doses to organs and tissues from radon and its decay products. *J Radiol Prot* 22:389-406
- *Kendall GM, Smith TJ. 2005. Doses from radon and its decay products to children. *J Radiol Prot* 25(3):241-256.
- Kennel SJ, Lankford T, Garland M, et al. 2005. Biodistribution of ²²⁵Ra citrate in mice: Retention of daughter radioisotopes in bone. *Nucl Med Biol* 32(8):859-867.
- Khan AJ. 1994. Estimation of dose rate for indoor radon from building materials. *Radiat Environ Biophys* 33(1):81-84.
- *Khan AJ, Phillips C. 1984. Electrets for passive radon daughter dosimetry. *Health Phys* 46:141-149.
- *Khan MA, Cross FT, Buschbom RL, et al. 1995. Inhaled radon-induced genotoxicity in Wistar rat, Syrian hamster, and Chinese hamster deep-lung fibroblasts *in vivo*. *Mutat Res* 334(2):131-137.
- *Khan MA, Cross FT, Jostes R, et al. 1994. Micronuclei induced by radon and its progeny in deep-lung fibroblasts of rats *in vivo* and *in vitro*. *Radiat Res* 139(1):53-59.
- *Khursheed A. 2000. Doses to systemic tissues from radon gas. *Radiat Prot Dosimetry* 88(2):171-181.
- Kildea PM, Lee TC. 1996. Radon plateout on synthetic fibers as a possible risk factor in breast cancer. (Comment in: *Risk Anal* 16(6):729-730). *Risk Anal* 16(1):1-2.

9. REFERENCES

- Kim DW, Kim KY, Choi BS, et al. 2007. Regulation of metal transporters by dietary iron, and the relationship between body iron levels and cadmium uptake. *Arch Toxicol* 81(5):327-334.
- *Kinsara AA, Loyalka SK, Tompson RV, et al. 1995. Deposition patterns of molecular phase radon progeny (^{218}Po) in lung bifurcations. *Health Phys* 68(3):371-382.
- *Kitto ME. 2003. Assessing radon concentrations in areas with few measurements. *Environ Monit Assess* 83(2):163-175.
- *Kitto ME, Kuhland MK, Dansereau RE. 1996. Direct comparison of three methods for the determination of radon in well water. *Health Phys* 70(3):358-362.
- *Klaassen C, Amdur M, Doull J. 1986. Casarett and Doull's toxicology. 3rd edition. New York, NY: MacMillan Publishing Company, 128.
- Klotz JB, Petix JR, Zaganiski RT. 1989. Mortality of a residential cohort exposed to radon from industrially contaminated soil. *Am J Epidemiol* 129(6):1179-1186.
- Klotz JB, Schoenberg JB, Wilcox HB. 1993. Relationship among short- and long-term radon measurements within dwellings: Influence of radon concentrations. *Health Phys* 65(4):367-374.
- Kohli S, Noorlind Brage H, Löfman O. 2000. Childhood leukaemia in areas with different radon levels: A spatial and temporal analysis using GIS. *J Epidemiol Community Health* 54(11):822-826.
- *Komori M, Nishio K, Kitada M, et al. 1990. Fetus-specific expression of a form of cytochrome P-450 in human livers. *Biochemistry* 29(18):4430-4433.
- *Kozak JA, Reeves HW, Lewis BA. 2003. Modeling radium and radon transport through soil and vegetation. *J Contam Hydrol* 66(3-4):179-200.
- *Kreienbrock L, Kreuzer M, Gerken M, et al. 2001. Case-control study on lung cancer and residential radon in western Germany. *Am J Epidemiol* 153(1):42-52.
- *Kreuzer M, Gerken M, Kreienbrock L, et al. 2001. Lung cancer in lifetime nonsmoking men: Results of a case-control study in Germany. *Br J Cancer* 84(1):134-140.
- *Kreuzer M, Heinrich J, Kreienbrock L, et al. 2002. Risk factors for lung cancer among nonsmoking women. *Int J Cancer* 100(6):706-713.
- *Kreuzer M, Heinrich J, Wölke G, et al. 2003. Residential radon and risk of lung cancer in Eastern Germany. *Epidemiology* 14(5):559-568.
- *Kreuzer M, Müller KM, Brachner A, et al. 2000. Histopathologic findings of lung carcinoma in German uranium miners. *Cancer* 89(12):2613-2621.
- *Kreuzer M, Schneizer M, Tschense A, et al. 2004. Risk of lung cancer and other cancers in the German uranium miners cohort study. <http://irpall.net/pdfs/lbl6.pdf>. June 30, 2008.
- *Krewski D, Lubin JH, Zielinski JM, et al. 2005. Residential radon and risk of lung cancer: A combined analysis of 7 North American case-control studies. *Epidemiology* 16(2):137-145.

9. REFERENCES

- *Krewski D, Lubin JH, Zielinski JM, et al. 2006. A combined analysis of North American case-control studies of residential radon and lung cancer. *J Toxicol Environ Health A* 69(7):533-597.
- *Krishnan K, Andersen ME. 1994. Physiologically based pharmacokinetic modeling in toxicology. In: Hayes AW, ed. *Principles and methods of toxicology*. 3rd ed. New York, NY: Raven Press, Ltd., 149-188.
- *Krishnan K, Andersen ME, Clewell HJ, et al. 1994. Physiologically based pharmacokinetic modeling of chemical mixtures. In: Yang RSH, ed. *Toxicology of chemical mixtures: Case studies, mechanisms, and novel approaches*. San Diego, CA: Academic Press, 399-437.
- *Kronenberg A. 1994. Radiation-induced geometric instability. *Int J Radiat Biol* 66:603-609.
- Kunz E, Sevc J, Placek V. 1978. Lung cancer mortality in uranium miners (methodological aspects). *Health Phys* 35:579-580.
- Kunz E, Sevc J, Placek V, et al. 1979. Lung cancer in man in relation to different time distribution of radiation exposure. *Health Phys* 36:699-706.
- *Kurttio P, Salonen L, Ilus T, et al. 2006. Well water radioactivity and risk of cancers of the urinary organs. *Environ Res* 102(3):333-338.
- Kushneva VS. 1959. On the problem of the long-term effects of the combined injury to animals of silicon dioxide and radon. In: Zakutinskii D, ed. *Long term effects of injuries caused by the action of ionizing radiation*. Medgiz, Moscow: State Publishers of Medical Literature, 21-28.
- *Kusiak RA, Ritchie AC, Muller J, et al. 1993. Mortality from lung cancer in Ontario uranium miners. *Br J Ind Med* 50(10):920-928.
- Kusiak RA, Springer J, Ritchie AC, et al. 1991. Carcinoma of the lung in Ontario gold miners: Possible aetiological factors. *Br J Ind Med* 48(12):808-817.
- *L'Abbé KA, Howe GR, Burch JD, et al. 1991. Radon exposure, cigarette smoking, and other mining experience in the Beaverlodge uranium miners cohort. *Health Phys* 60(4):489-495.
- Lachet B. 2006. Indoor radon and lung cancer. (Comment on: *Epidemiology* 15(6):709-716). *Epidemiology* 17(1):121, author reply 121-122.
- Lafuma J, Chmelevsky D, Chameaud J, et al. 1989. Lung carcinomas in Sprague-Dawley rats after exposure to low doses of radon daughters, fission neutrons, or gamma rays. *Radiat Res* 118(2):230-245.
- Lagarde F, Pershagen G. 1997. Re: Indoor radon exposure and risk of lung cancer: A nested case-control study in Finland. (Comment on: *J Natl Cancer Inst* 88(14):966-972). *J Natl Cancer Inst* 89(8):584-585.
- Lagarde F, Pershagen G. 1999. Parallel analyses of individual and ecologic data on residential radon, cofactors, and lung cancer in Sweden. (Comment in: *Am J Epidemiol* 152(2):194-195). *Am J Epidemiol* 149(3):268-274.
- *Lagarde F, Axelsson G, Damber L, et al. 2001. Residential radon and lung cancer among never-smokers in Sweden. *Epidemiology* 12(4):396-404.

9. REFERENCES

- *Lagarde F, Falk R, Almrén K, et al. 2002. Glass-based radon-exposure assessment and lung cancer risk. *J Expo Anal Environ Epidemiol* 12(5):344-354.
- *Lagarde F, Pershagen G, Åkerblom G, et al. 1997. Residential radon and lung cancer in Sweden: Risk analysis accounting for random error in the exposure assessment. (Comment in: *Health Phys* 73(2):393; 73(2):394-395; 73(1):272-273). *Health Phys* 72(2):269-276.
- *Lam RHF, Brown JP, Fan AM. 1994. Chemicals in California drinking water: Source of contamination, risk assessment, and drinking water standards. In: Wang RGM, ed. *Water contamination and health: Integration of exposure assessment, toxicology, and risk assessment*. New York: Marcel Dekker, Inc., 15-44.
- *Lange K, Evans R. 1947. Absorption of radon through the skin and its exhalation through the lungs. *Radiology* 48:514-516.
- Langholz B, Borgan O. 1997a. Correction to: Estimation of absolute risk from nested case-control data. (Erratum to: *Biometrics* 53(2):767-774). *Biometrics* 59(2):451.
- Langholz B, Borgan O. 1997b. Estimation of absolute risk from nested case-control data. (Erratum in: *Biometrics* 59(2):451). *Biometrics* 53(2):767-774.
- Laurier D, Rogel A, Tomasek L, et al. 2005. Comment on "Studies of radon-exposed miner cohorts using a biologically based model: comparison of current Czech and French data with historic data from China and Colorado" by W.F. Heidenreich, L. Tomasek, A. Rogel, D. Laurier, M. Tirmarche (2004) *Radiat Environ Biophys* 43:247-256, and "Radon-induced lung cancer in French and Czech miner cohorts described with a two-mutation cancer model" by M.J.P. Brugmans, S.M. Rispens, H. Bijwaard, D. Laurier, A. Rogel, L. Tomasek, M. Tirmarche (2004) *Radiat Environ Biophys* 43:153-163. (Comment on: *Radiat Environ Biophys* 43(3):153-163; *Radiat Environ Biophys* 43(4):247-256). *Radiat Environ Biophys* 44(2):155-156.
- *Laurier D, Tirmarche M, Mitton N, et al. 2004. An update of cancer mortality among the French cohort of uranium miners: Extended follow-up and new source of data for causes of death. *Eur J Epidemiol* 19(2):139-146.
- Laurier D, Valenty M, Tirmarche M. 2001. Radon exposure and the risk of leukemia: A review of epidemiological studies. (Comment in: *Health Phys* 86(4):425-426, author reply 427-428). *Health Phys* 81(3):272-288.
- Law GR, Kane EV, Roman E, et al. 2000. Residential radon exposure and adult acute leukaemia. *Lancet* 355(9218):1888.
- Lawrence EP, Wanty RB, Nyberg P. 1992. Contribution of ²²²Rn in domestic water supplies to ²²²Rn in indoor air in Colorado homes. *Health Phys* 62(2):171-177.
- Lee SC, Kim CK, Lee DM, et al. 2001. Natural radionuclides contents and radon exhalation rates in building materials used in South Korea. *Radiat Prot Dosimetry* 94(3):269-274.
- *Leeder JS, Kearns GL. 1997. Pharmacogenetics in pediatrics: Implications for practice. *Pediatr Clin North Am* 44(1):55-77.

9. REFERENCES

- Leenhouts HP. 1999. Radon-induced lung cancer in smokers and non-smokers: Risk implications using a two-mutation carcinogenesis model. *Radiat Environ Biophys* 38(1):57-71.
- Lees R, Steele R, Roberts J. 1987. A case-control study of lung cancer relative to domestic radon exposure. *Int J Epidemiol* 16:7-12.
- *Leggett RW. 1993. An age-specific kinetic model of lead metabolism in humans. *Environ Health Perspect* 101:598-616.
- *Leggett RW, Williams LR. 1991. Suggested reference values for regional blood volumes in humans. *Health Phys* 60(2):139-154.
- *Leggett RW, Williams LR. 1995. A proposed blood circulation model for Reference Man. *Health Phys* 69(2):187-201.
- Lehnert BE, Goodwin EH. 1997. A new mechanism for DNA alterations induced by alpha particles such as those emitted by radon and radon progeny. *Environ Health Perspect* 105(Suppl 5):1095-1101.
- *Leonard BE. 1996. High ^{222}Rn levels, enhanced surface deposition, increased diffusion coefficient, humidity, and air change effects. *Health Phys* 70(3):372-387.
- Leonard BE. 2005. The radon inverse dose rate effect and high-LET galactic hazards. *Radiat Prot Dosimetry* 115(1-4):310-315.
- Leonard BE. 2007. Examination of underground miner data for radon progeny size reduction as cause of high radon "inverse" dose rate effect. *Health Phys* 93(2):133-150.
- *Leonard A, Delpoux M, Chameaud J, et al. 1981. Biological effects observed in mammals maintained in an area of very high natural radioactivity. *Can J Genet Cytol* 23:321-326.
- *Létourneau EG, Krewski D, Choi NW, et al. 1994. Case-control study of residential radon and lung cancer in Winnipeg, Manitoba, Canada. (Comment in: *Am J Epidemiol* 140(4):323-332; 140(4):333-339; 142(8):884-886; 142(10):1121-1122). *Am J Epidemiol* 140(4):310-322.
- Létourneau EG, Zielinski JM, Krewski D, et al. 1992. Levels of radon gas in Winnipeg homes. *Radiat Prot Dosimetry* 45(1):531-534.
- *Leung HW. 1993. Physiologically-based pharmacokinetic modelling. In: Ballentyne B, Marrs T, Turner P, eds. *General and applied toxicology*. Vol. 1. New York, NY: Stockton Press, 153-164.
- Leung JK, Tso MY, Ho CW. 1998. Behavior of ^{222}Rn and its progeny in high-rise buildings. *Health Phys* 75(3):303-312.
- *Leuraud K, Billon S, Bergot D, et al. 2007. Lung cancer risk associated to exposure to radon and smoking in a case-control study of French uranium miners. *Health Phys* 92(4):371-378.
- *Lewis RJ, ed. 2001. *Hawley's condensed chemical dictionary*. 14th ed. New York, NY: John Wiley & Sons, Inc., 951.

9. REFERENCES

- *Lewis, RK. 1996. A Hot Spot Survey in the Reading Prong Area of Pennsylvania. Pennsylvania DEP, Bureau of Radiation Protection. 1996 International Radon Symposium IP-4.1. The American Association of Radon Scientists and Technologists, Proceedings
http://www.aarst.org/proceedings/1996/1996_11_A%20HotSpot_Survey_in_the_Reading_Prong_Area_of_Penns.pdf. August 28, 2008.
- Li BY, Tong J. 2007. Adverse effects attributed to long-term radon inhalation in rats. *J Toxicol Environ Health A* 70(11):925-930.
- Li JX, Fu CL, Chen R, et al. 2007. Screening of differential expression genes in bone marrow cells of radon-exposed mice. *J Toxicol Environ Health A* 70(11):964-969.
- *Lide DR, ed. 2005. CRC Handbook of chemistry and physics. New York, NY: CRC Press LLC, 4-81.
- Linnet MS, Schubauer-Berigan MK, Weisenburger DD, et al. 2007. Chronic lymphocytic leukaemia: An overview of aetiology in light of recent developments in classification and pathogenesis. *Br J Haematol* 139:672-686.
- Liu KS, Hayward SB, Girman JR, et al. 1991. Annual average radon concentrations in California residences. *J Air Waste Manage Assoc* 41(9):1207-1212.
- Little J, McGandy R, Kennedy A. 1978. Interactions between polonium-210 alpha-radiation, benzo(a)pyrene, and 0.9% NaCl solution instillations in the induction of experimental lung cancer. *Cancer Res* 38:1929-1935.
- *Livingston AL. 1978. Forage plant estrogens. *J Toxicol Environ Health* 4(2-3):301-324.
- Lloyd RD, Angus W, Taylor GN, et al. 1995. Soft tissue tumors among beagles injected with ^{90}Sr , ^{228}Ra , or ^{228}Th . *Health Phys* 69(2):272-277.
- Lloyd RD, Taylor GN, Miller SC. 1993. Does leukemia result from the presence of radon or thoron in the body? *Health Phys* 65(4):439-440.
- *Longtin J. 1990. Occurrence of radionuclides in drinking water, a national study. In: Cothorn CR, Rebers PA, eds. Radon, radium and uranium in drinking water. Chelsea, MI: Lewis Publishers, 97-139.
- *Longtin JP. 1988. Occurrence of radon, radium, and uranium in groundwater. *J Am Water Works Assoc* 80(7):84-93.
- Lopez MA, Currivan L, Falk R, et al. 2004. Workplace monitoring for exposures to radon and to other natural sources in Europe: Integration of monitoring for internal and external exposures. *Radiat Prot Dosimetry* 112(1):121-139.
- *Loucas BD, Geard CR. 1994. Initial damage in human interphase chromosomes from alpha particles with linear energy transfers relevant to radon exposure. *Radiat Res* 139(1):9-14.
- Lowry JD. 1991. Measuring low radon levels in drinking water supplies. *J Am Water Works Assoc* 83:149-153.
- Lubin JH. 1994. Invited commentary: Lung cancer and exposure to residential radon. (Comment on: *Am J Epidemiol* 140(4):310-322). *Am J Epidemiol* 140(4):323-332.

9. REFERENCES

- Lubin JH. 1998. On the discrepancy between epidemiologic studies in individuals of lung cancer and residential radon and Cohen's ecologic regression. (Comment in: *Health Phys* 75(1):18-22, discussion 29-30; 76(3):316-319). (Comment on: *Health Phys* 68(2):157-174; 72(4):623-628). *Health Phys* 75(1):4-10.
- Lubin JH. 2002. The potential for bias in Cohen's ecological analysis of lung cancer and residential radon. (Comment in: *J Radiol Prot* 22(3):305-307, author reply 307-309). *J Radiol Prot* 22(2):141-148.
- Lubin JH. 2003. Studies of radon and lung cancer in North America and China. *Radiat Prot Dosimetry* 104(4):315-319.
- *Lubin JH, Boice JD. 1997. Lung cancer risk from residential radon: Meta-analysis of eight epidemiologic studies. (Comment in: *J Natl Cancer Inst* 89(1):4-6; 89(9):663-664, author reply 664-665). *J Natl Cancer Inst* 89(1):49-57.
- *Lubin JH, Boice JD, Edling C, et al. 1995a. Lung cancer in radon-exposed miners and estimation of risk from indoor exposure. *J Natl Cancer Inst* 87(11):817-827.
- *Lubin JH, Boice JD, Edling C, et al. 1995b. Radon-exposed underground miners and inverse dose-rate (protraction enhancement) effects. *Health Phys* 69(4):494-500.
- *Lubin JH, Liang Z, Hrubec Z, et al. 1994. Radon exposure in residences and lung cancer among women: Combined analysis of three studies. *Cancer Causes Control* 5(2):114-128.
- Lubin JH, Linet MS, Boice JD, et al. 1998. Case-control study of childhood acute lymphoblastic leukemia and residential radon exposure. *J Natl Cancer Inst* 90:294-299.
- *Lubin JH, Qiao Y, Taylor PR, et al. 1990. Quantitative evaluation of the radon and lung cancer association in a case control study of Chinese tin miners. *Cancer Res* 50(1):174-180.
- *Lubin JH, Tomasek L, Edling C, et al. 1997. Estimating lung cancer mortality from residential radon using data for low exposures of miners. (Comment in: *Radiat Res* 147(2):135-137). *Radiat Res* 147:126-134.
- Lubin JH, Wang ZY, Boice JD, et al. 2004. Risk of lung cancer and residential radon in China: Pooled results of two studies. *Int J Cancer* 109(1):132-137.
- Lucie NP. 1989. Radon exposure and leukaemia. (Comment in: *Lancet* 2(8662):562; 2(8664):673-674). *Lancet* 2(8654):99-100.
- Luebeck EG, Curtis SB, Cross FT, et al. 1996. Two-stage model of radon-induced malignant lung tumors in rats: Effects of cell killing. *Radiat Res* 145(2):163-173.
- *Luebeck EG, Heidenreich WF, Hazelton WD, et al. 1999. Biologically based analysis of the data for the Colorado uranium miners cohort: Age, dose and dose-rate effects. *Radiat Res* 152(4):339-351.
- Luetzelschwab JW, Hastings L, Ellis SM. 1994. Adsorption of ^{222}Rn by open-faced and diffusion-barrier canisters at different conditions of temperature and humidity. *Health Phys* 66(1):63-71.

9. REFERENCES

- *Lundin F, Lloyd J, Smith E. 1969. Mortality of uranium miners in relation to radiation exposure, hard-rock mining and cigarette smoking--1950 through September 1967. *Health Phys* 16:571-578.
- *Lundin F, Wagoner J, Archer V. 1971. Radon daughter exposure and respiratory cancer quantitative and temporal aspects. Report from the epidemiological study of U.S. uranium miners. Washington, DC: National Institute of Occupational Safety and Health and National Institute for Environmental Health Sciences, Joint Monograph No. 1. Department of Health, Education, and Welfare.
- Lutze LH, Winegar RA, Jostes R, et al. 1992. Radon-induced deletions in human cells: Role of nonhomologous strand rejoining. *Cancer Res* 52(18):5126-5129.
- *Macdonald CR, Laverock MJ. 1998. Radiation exposure and dose to small mammals in radon-rich soils. *Arch Environ Contam Toxicol* 35(1):109-120.
- *Machta L, Lucas H. 1962. Radon in the upper atmosphere. *Science* 135:296-299.
- *Maes A, Poffijn A, Verschaeve L. 1996. Case report: Karyotypic and chromosome aberration analysis of subjects exposed to indoor radon. *Health Phys* 71(5):641-643.
- Magnus K, Engeland A, Green BM, et al. 1994. Residential radon exposure and lung cancer: An epidemiological study of Norwegian municipalities. *Int J Cancer* 58(1):1-7.
- *Mahaffey JA, Parkhurst MA, James AC, et al., 1993. Estimating past exposures to indoor radon from household glass. *Health Physics* 64(4):381-391.
- *Maiello M, Harley N. 1987. Egard: An environmental gamma-ray and ²²²Rn detector. *Health Phys* 53:301-305.
- *Marcinowski F, Lucas RM, Yeager WM. 1994. National and regional distributions of airborne radon concentrations in U.S. homes. *Health Phys* 66(6):699-706.
- *Markkanen M, Arvela H. 1992. Radon emanation from soils. *Radiat Prot Dosimetry* 45(1/4):269-272.
- *Marsh JW, Birchall A. 1999. Determination of lung-to-blood absorption rates for lead and bismuth which are appropriate for radon progeny. *Radiat Prot Dosimetry* 83(4):331-337.
- *Marsh JW, Birchall A. 2000. Sensitivity analysis of the weighted equivalent lung dose per unit exposure from radon progeny. *Radiat Prot Dosimetry* 87(3):167-178.
- *Martin D, Jacobi W. 1972. Diffusion deposition of small-sized particles in the bronchial tree. *Health Phys* 23:23-29.
- *Martin J, Mills W. 1973. Environmental radiation standards considerations for krypton-85 and radon. In: Stanley R, Moghissi A, eds. *Noble gases*. Washington, DC: U.S. Energy Development and Research Agency, National Environmental Research Center, CONF-730915, 647-653.
- Martin SG, Miller RC, Geard CR, et al. 1995. The biological effectiveness of radon-progeny alpha particles. IV. Morphological transformation of Syrian hamster embryo cells at low doses. *Radiat Res* 142(1):70-77.

9. REFERENCES

Masse R, Chameaud J, Lafuma J. 1984. Cocarcinogenic effect of tobacco smoke in rats. In: Cumming G, Bonsignore G, eds. Smoking and the lung. New York, NY: Plenum Press, 61-72.

*Mayr U, Butsch A, Schneider S. 1992. Validation of two *in vitro* test systems for estrogenic activities with zearalenone, phytoestrogens and cereal extracts. Toxicology 74(2-3):135-149.

*Mays C, Lloyd R, Van Dilla M. 1975. Fractional radon retention in bone. Health Phys 29:761-765.

McDonald JW, Taylor JA, Watson MA, et al. 1995. p53 and K-ras in radon-associated lung adenocarcinoma. Cancer Epidemiol Biomarkers Prev 4(7):791-793.

*McPherson R. 1980. Environmental radon and radon daughter dosimetry in the respiratory tract. Health Phys 39:929-936.

Metting NF, Palayoor ST, Macklis RM, et al. 1992. Induction of mutations by bismuth-212 α particles at two genetic loci in human B-lymphoblasts. Radiat Res 132(3):339-345.

Meurman LO, Kiviluoto R, Hakama M. 1974. Mortality and morbidity among the working population of anthophyllite asbestos miners in Finland. Br J Ind Med 31:105-112.

*Meyer S. 1937. Physikalische grundlagen von emanationskuren. Strahlentherapie 58:656-663.

*Michel J. 1987. Sources. In: Cothorn C, Smith J, eds. Environmental radon. New York, NY: Plenum Press, 81-130.

Mifune M, Sobue T, Arimoto H, et al. 1992. Cancer mortality survey in a spa area (Misasa, Japan) with a high radon background. Jpn J Cancer Res 83(1):1-5.

Miles DP. 1992. Lung cancer and radon. (Comment in: BMJ 305(6851):475). (Comment on: BMJ 304(6841):1571). BMJ 305(6846):181.

Miles D, O'Brien J, Owen M. 1999. Involvement of radon levels in lung cancer. (Comment on: Br J Cancer 78(3):394-408). Br J Cancer 79(9-10):1621-1623.

Miller AS, Harwick RD, Alfaro-Miranda M, et al. 1993. Search for correlation of radon levels and incidence of salivary gland tumors. Oral Surg Oral Med Oral Pathol 75(1):58-63.

Miller D, Morrison H, Semenciw R, et al. 1993. Leukemia and residential exposure to radon. Can J Public Health 84(3):205-206.

Miller RC, Marino SA, Brenner DJ, et al. 1995. The biological effectiveness of radon-progeny alpha particles. II. Oncogenic transformation as a function of linear energy transfer. Radiat Res 142(1):54-60.

Miller RL, Kraemer TF, McPherson BF. 1990. Radium and radon in Charlotte Harbor Estuary, Florida. Estuarine Coastal Shelf Sci 31:439-457.

Misdaq MA, Ezzahery H, Elabboubi D. 2001. Determination of equivalent dose rates and committed effective doses in the respiratory system from the inhalation of radon decay products by using SSNTD and a dosimetric compartmental model. Radiat Prot Dosimetry 93(4):347-355.

9. REFERENCES

- Mitchel RE, Jackson JS, Heinmiller B. 1999. Inhaled uranium ore dust and lung cancer risk in rats. *Health Phys* 76(2):145-155.
- Mohamed A. 2005. Influence of radioactive aerosol and biological parameters of inhaled radon progeny on human lung dose. *Radiat Prot Dosimetry* 113(1):115-122.
- Möhner M. 2007. Risk of lymphohematopoietic malignancies in uranium miners. (Comment on: *Environ Health Perspect* 114(6):818-822). *Environ Health Perspect* 115(4):A184; author reply A184-A185.
- *Möhner M, Lindtner M, Otten H, et al. 2006. Leukemia and exposure to ionizing radiation among German uranium miners. *Am J Ind Med* 49(4):238-248.
- Mole RH, Bowie SHU, Alexander FE, et al. 1990. Radon and leukaemia. (Comment on: *Lancet* 335(8689):1008-1012). *Lancet* 335(8701):1336-1340.
- *Momčilović B, Alkhatib HA, Duerre HA, et al. 1999. Environmental radon daughters reveal pathognomonic changes in the brain proteins and lipids in patients with Alzheimer's disease and Parkinson's disease, and cigarette smokers. *Arh Hig Rada Toksikol* 50:347-369.
- Momčilović B, Alkhatib HA, Duerre JA, et al. 2001. Environmental lead-210 and bismuth-210 accrue selectively in the brain proteins in Alzheimer disease and brain lipids in Parkinson disease. *Alzheimer Dis Assoc Disord* 15(2) :106-115.
- Momčilović B, Lykken GJ. 2007. Seasonality of ^{214}Bi activity in the human body and of ^{222}Rn concentration in home in ambient air. *Health Phys* 92(5) :484-487.
- Momčilović B, Lykken GI, Cooley M. 2006. Natural distribution of environmental radon daughters in the different brain areas of an Alzheimer disease victim. *Mol Neurodegener* 1(11) :1-11.
- *Monchaux G. 2004. Risk of fatal versus incidental lung cancer in radon-exposed rats: A reanalysis of French data. *Arch Oncol* 12(1):7-12.
- *Monchaux G, Morlier JP. 2002. Influence of exposure rate on radon-induced lung cancer in rats. *J Radiol Prot* 22(3A):A81-A87.
- *Monchaux G, Morlier JP, Altmeyer S, et al. 1999. Influence of exposure rate on lung cancer induction in rats exposed to radon progeny. *Radiat Res* 152(Suppl 6):S137-S140.
- Monchaux G, Morlier JP, Morin M, et al. 1994a. Carcinogenic and cocarcinogenic effects of radon and radon daughters in rats. *Environ Health Perspect* 102(1):64-73.
- Monchaux G, Morlier JP, Morin M, et al. 1994b. Carcinogenic effects in rats of exposure to different minerals from metallic mine ores, radon and radon daughters. In: Davis JMG, Jaurand MC, eds. *Cellular and molecular effects of mineral and synthetic dusts and fibres*. Berlin, Germany: Springer-Verlag, 159-164.
- Monchaux G, Morlier JP, Morin M, et al. 1996. Co-carcinogenic effects in rats of combined exposure to radon and ozone. *Environ Int* 22(Suppl 1):909-915.

9. REFERENCES

- Moolgavkar SH, Cross FT, Luebeck G, et al. 1990. A two-mutation model for radon-induced lung tumors in rats. *Radiat Res* 121(1):28-37.
- *Moolgavkar SH, Luebeck EG, Krewski D, et al. 1993. Radon, cigarette smoke, and lung cancer: A re-analysis of the Colorado Plateau uranium miners' data. *Epidemiology* 4(3):204-217.
- *Morgenstern H. 1995. Ecologic studies in epidemiology: Concepts, principles, and methods. *Annu Rev Public Health* 16:61-81.
- +*Morken D. 1955. Acute toxicity of radon. *AMA Arch Ind Health* 12:435-438.
- +*Morken D. 1973. The biological effects of radon on the lung. In: Stanley R, Moghissi A, eds. *Noble gases*. Washington, DC: U.S. Energy Development and Research Agency, National Environmental Research Center, CONF-730915, 501-506.
- *Morken D. 1980. The biological and health effects of radon: A review. National Bureau of Standards Special Publication 581, Proceedings of a roundtable discussion of radon in buildings held at NBS, Gaithersburg, MD, 21-26.
- Morlier JP, Bisson M, Fritsch P, et al. 1996. Deposition of ^{214}Pb and nuclear aberrations in the respiratory tract of rats after exposure to radon progeny under different aerosol conditions. *Environ Int* 22(Suppl 1):S927-S930.
- Morlier JP, Janot M, Pineau JP, et al. 1996. Compared deposition of radon-222 and radon-220 (thoron) progeny and nuclear aberrations in the respiratory tract of rats after exposure under different aerosol conditions. In: Duftschmid KE, ed. 1996 International congress on radiation protection. Proceedings. Vol. 2. Washington, DC: International Radiation Protection Association.
- *Morlier JP, Morin M, Chameaud J, et al. 1992. [Importance of exposure rate on tumour induction in rats after exposure.] *C R Acad Sci III* 315:463-466. (French)
- *Morlier JP, Morin M, Monchaux G, et al. 1994. Lung cancer incidence after exposure of rats to low doses of radon: Influence of dose rate. *Radiat Prot Dosimetry* 56(1-4):93-97.
- *Morrison H, Semenciw R, Mao Y, et al. 1985. Lung cancer mortality and radiation exposure among the Newfoundland fluorspar miners. In: Stocker H, ed. *Proceedings of the international conference*. Toronto: Canadian Nuclear Association, 354-364.
- *Morrison HI, Semenciw RM, Mao Y, et al. 1988. Cancer mortality among a group of fluorspar miners exposed to radon progeny. *Am J Epidemiol* 128(6):1266-1275.
- *Morrison HI, Villeneuve PJ, Lubin JH, et al. 1998. Radon-progeny exposure and lung cancer risk in a cohort of Newfoundland fluorspar miners. *Radiat Res* 150(1):58-65.
- Morrison HI, Wigle D, Stocker H, et al. 1981. Lung cancer mortality and radiation exposure among the Newfoundland fluorspar miners. In: Gomez M, ed. *International conference: Radiation hazards in mining*. New York, NY: Society of Mining Engineers of American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc., 372-376.
- *Morselli PL, Franco-Morselli R, Bossi L. 1980. Clinical pharmacokinetics in newborns and infants: Age-related differences and therapeutic implications. *Clin Pharmacokin* 5(6):485-527.

9. REFERENCES

- Mose DG, Mushrush GW, Chrosniak C. 1990. Radioactive hazard of potable water in Virginia and Maryland. *Bull Environ Contam Toxicol* 44(4):508-513.
- Mossman KL. 1998. Is indoor radon a public health hazard? The BEIR VI report. *Radiat Prot Dosimetry* 80(4):357-360.
- *MSHA. 2007. Radon daughter exposure monitoring, annual exposure limits, and maximum permissible concentration. U.S. Mine Safety and Health Administration. Code of Federal Regulations. 30 CFR 57. <http://www.access.gpo.gov/cgi-bin/cfrassemble.cgi?title=200730>. May 09, 2008.
- *Muikku M, Rahola T, Pusa S, et al. 2003. Estimation of human exposure to natural radionuclides using *in vivo* skull measurements. *Radiat Prot Dosimetry* 105(1-4):615-618.
- Muirhead CR, Butland BK, Green BMR, et al. 1991. Childhood leukaemia and natural radiation. (Comment on: *Lancet* 335(8696):1008-1012). *Lancet* 337(8739):503-504.
- Muirhead CR, Butland BK, Green BMR, et al. 1992. An analysis of childhood leukaemia and natural radiation in Britain. *Radiat Prot Dosimetry* 45(1):657-660.
- *Muller C, Ruzicka L, Bakstein J. 1967. The sex ratio in the offsprings of uranium miners. *Acta Univ Carolinae [Med] (Praha)* 13:599-603.
- *Muller J, Wheeler W, Gentleman J, et al. 1985. Study of mortality of Ontario miners. Presented International Conference Occupational Radiation Safety in Mining, October 14-18, 1984, Toronto, Ontario.
- Nadoolman W. 1994. Radon exposure and lung cancer. (Comment on: *N Engl J Med* 330(3):159-164). *N Engl J Med* 330(23):1684, author reply 1685.
- *Nagarkatti M, Nagarkatti PS, Brooks A. 1996. Effect of radon on the immune system: Alterations in the cellularity and functions of T cells in lymphoid organs of mouse. *J Toxicol Environ Health* 47(6):535-552.
- *NAS. 1988. Health risks of radon and other internally deposited alpha-emitters: BEIR IV. Committee on the Biological Effects of Ionizing Radiations, National Research Council. Washington, DC: National Academy of Sciences, National Academy Press, 1-23, 367-395, 430-496.
- *NAS. 1990. Background information and scientific principles. Health effects of exposure to low levels of ionizing radiation: BEIR V. Committee on the Biological Effects of Ionizing Radiations, National Research Council. Washington, DC: National Academy of Sciences, National Academy Press, 9-64.
- *NAS. 1999a. Health effects of exposure to radon: Beir VI. Washington, DC: National Academy of Sciences. http://books.nap.edu/catalog.php?record_id=5499. April 25, 2008.
- *NAS. 1999b. Risk assessment of radon in drinking water. Washington, DC: National Academy of Sciences. http://www.nap.edu/catalog.php?record_id=6287. April 25, 2008.
- *NAS/NRC. 1989. Report of the oversight committee. In: *Biologic markers in reproductive toxicology*. Washington, DC: National Academy of Sciences, National Research Council, National Academy Press, 15-35.

9. REFERENCES

- *Nazaroff W, Doyle S, Nero A, et al. 1987. Potable water as a source of airborne ²²²Rn in U.S. dwellings: A review and assessment. *Health Phys* 52:281-295.
- *NCRP. 1975. Natural background radiation in the United States. National Council on Radiation Protection and Measurements. NCRP Report No. 45.
- *NCRP. 1984a. Evaluation of occupational and environmental exposures to radon and radon daughters in the United States. National Council on Radiation Protection and Measurements. NCRP Report No. 78.
- *NCRP. 1984b. Exposures from the uranium series with emphasis on radon and its daughters. National Council on Radiation Protection and Measurements. NCRP Report No. 77.
- *NCRP. 1987. Exposure of the population in the United States and Canada from natural background radiation. National Council on Radiation Protection and Measurements. NCRP Report No. 94.
- *NCRP. 1988. Measurement of radon and radon daughters in air. National Council on Radiation Protection and Measurements. NCRP Report No. 97.
- *NCRP. 1997. Deposition, retention and dosimetry of inhaled radioactive substances. Bethesda, MD: National Council on Radiation Protection and Measurements. NCRP Report No. 125.
- *NEA/OECD. 1983. Dosimetry aspects of exposure to radon and thoron daughter products. Paris: Nuclear Energy Agency/Organisation for Economic Co-operation and Development.
- Neilson S, Robinson I, Clifford Rose F. 1996. Ecological correlates of motor neuron disease mortality: A hypothesis concerning an epidemiological association with radon gas and gamma exposure. *J Neurol* 243(4):329-336.
- *Nero A. 1987. Indoor concentrations of radon-222 and its daughters: Sources, range, and environmental influences. In: Gammage R, Kaye S, eds. *Indoor air and human health*. Chelsea, MI: Lewis Publishers, Inc., 43-67.
- *Nero A, Schwehr M, Nazaroff W, et al. 1986. Distribution of airborne radon- 222 concentrations in U.S. homes. *Science* 234:992-997.
- Neuberger JS. 1991a. Errata. (Erratum to: *Cancer Detect Prev* 15(6):435-443). *Cancer Detect Prev* 16(1):87.
- Neuberger JS. 1991b. Residential radon exposure and lung cancer: An overview of published studies. (Erratum in: *Cancer Detect Prev* 16(1):87). *Cancer Detect Prev* 15(6):435-443.
- Neuberger JS, Allen A. 1997. Lung cancer risk from residential radon: Meta-analysis of eight epidemiologic studies. (Comment on: *J Natl Cancer Inst* 89(1):49-57). *J Natl Cancer Inst* 89(9):663-664, author reply 664-665.
- Neuberger JS, Field RW. 1996. Radon and breast cancer. (Comment on: *Risk Anal* 16(1):1-2). *Risk Anal* 16(6):729-730.

9. REFERENCES

- Neuberger JS, Gesell TF. 2002a. Childhood cancers, radon, and gamma radiation. (Comment in: *Lancet* 361(9369):1658). *Lancet* 360(9344):1437-1438.
- Neuberger JS, Gesell TF. 2002b. Residential radon exposure and lung cancer: Risk in nonsmokers. *Health Phys* 83(1):1-18.
- Neuberger JS, Rundo J. 1996. Indoor radon and lung cancer in the radium dial workers. Winter meeting of the American Nuclear Society (ANS) and the European Nuclear Society (ENS), Washington, DC (United States), 1-14 Nov 1996. Washington, DC: U.S. Department of Energy. ANL/ESH/CP 90664. DE97004673.
- *Nevissi A, Bodansky D. 1987. Radon sources and levels in the outside environment. In: Bodansky D, Robkin M, Stadler D, eds. *Indoor radon and its hazards*. Seattle, WA: University of Washington Press, 42-50.
- New Mexico. 1981. New Mexico mine safety code for all mines including open-cut and open-pit. Albuquerque, NM: Bureau of Mine Inspection. Rule No. 81-1. 117, 139-141.
- +*NIEHS. 1978. Study of the combined effects of smoking and inhalation of uranium ore dust, radon daughters and diesel oil exhaust fumes in hamsters and dogs. Research Triangle Park, NC: National Institute of Environmental Health Sciences. PNL-2744.
- *NIH. 1994. Radon and lung cancer risk: A joint analysis of 11 underground miners studies. Bethesda, MD: National Institutes of Health. NIH publication no. 94-3644.
- *NIOSH. 1987. A recommended standard for occupational exposure to radon progeny in underground mines. U.S. Department Health and Human Services, National Institute for Occupational Safety and Health, 1-4, 16-23, 32-63, 65-107, 126, 134-137.
- *NIOSH. 2006. Characterization of occupational exposure to radium and radon progeny during recovery of uranium from phosphate materials. ORAUT-OTIB-0043. <http://www.cdc.gov/NIOSH/ocas/pdfs/tibs/or-t43-r0.pdf>. August 08, 2008.
- *NIOSH. 2008a. Number of mining employees by detailed commodity and type of operation, 2005. National Institute for Occupational Safety and Health. <http://www.cdc.gov/niosh/mining/statistics/pdfs/emp.pdf>. August 28, 2008.
- *NIOSH. 2008b. Summary of mine-level characteristics by commodity, 2005. National Institute for Occupational Safety and Health. <http://www.cdc.gov/niosh/mining/statistics/tables/char.html>. August 28, 2008.
- Noumoff JS, LiVolsi VA, Deger RB, et al. 2001. Chromosome analysis and comparison of the benign cystic and malignant squamous component of an ovarian teratoma. *Cancer Genet Cytogenet* 125(1):59-62.
- *NRC. 1981. *Indoor pollutants*. Washington, DC: National Academy Press, 63-69, 505, 509-510, 514-515.
- NRC. 1988. *Standards for protection against radiation*. Nuclear Regulatory Commission. Code of Federal Regulations. 10 CFR 20.

9. REFERENCES

- *NRC. 1991. Comparative dosimetry of radon in mines and homes. National Research Council. Washington, DC: National Academy Press.
- *NRC. 1993. Pesticides in the diets of infants and children. Washington, DC: National Research Council. National Academy Press.
- *NRPB. 2002. Industrial uranium compounds: Exposure limits, assessment of intake and toxicity after inhalation. Chilton: National Radiological Protection Board. NRPB-W22.
- *NTP. 2005a. Ionizing radiation. Report on carcinogens. 11th ed. Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service, National Toxicology Program. <http://ntp-server.niehs.nih.gov/ntp/roc/toc11.html>. May 11, 2007.
- *NTP. 2005b. Report on carcinogens. 11th ed. Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service, National Toxicology Program. <http://ntp-server.niehs.nih.gov/ntp/roc/toc11.html>. April 24, 2008.
- *Nussbaum E, Hursh JB. 1957. Radon solubility in rat tissues. *Science* 125:552-553.
- Nussbaum E, Hursh JB. 1958. Radon solubility in fatty acids and triglycerides. *J Phys Chem* 62(1):81-84.
- *Oberaigner W, Kreienbrock L, Schaffrath Rosario A, et al. 2002. [Radon and lung cancer in the district of Imst, Austria]. Landberg am Lech, Germany: Ecomed Verlagsgesellschaft, Fortschritte in der Umweltmedizin. (German)
- *Oberstedt S, Vanmarcke H. 1996. Volume traps-a new retrospective radon monitor. *Health Phys* 70(2):222-226.
- *O'Flaherty EJ. 1993. Physiologically based models for bone-seeking elements. IV. Kinetics of lead disposition in humans. *Toxicol Appl Pharmacol* 118(1):16-29.
- *O'Neil MJ, Heckelman PE, Koch CB, et al., eds. 2006. The Merck index. 14th ed. Whitehouse Station, NJ: Merck & Co., Inc., 1393-1394.
- O'Riordan MC. 1992. Exposure to radon. (Comment on: *BMJ* 305(6846):181). *BMJ* 305(6851):475.
- *OSHA. 2007. Ionizing radiation. Toxic and hazardous substances. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1096. <http://www.osha.gov/comp-links.html>. April 24, 2008.
- OTA. 1990. Neurotoxicity, identifying and controlling poisons of the nervous system, new developments in neuroscience. Office of Technology Assessment, Congress of the United States.
- Otake M, Schull W. 1984. *In utero* exposure to A-bomb radiation and mental retardation; a reassessment. *Br J Radiol* 57:409-414.
- *Owen GM, Brozek J. 1966. Influence of age, sex and nutrition on body composition during childhood and adolescence. In: Falkner F, ed. *Human development*. Philadelphia, PA: WB Saunders, 222-238.

9. REFERENCES

Palmer H, Perkins R, Stuart B. 1964. The distribution and deposition of radon daughters attached to dust particles in the respiratory system of humans exposed to uranium mine atmospheres. *Health Phys* 10:1129-1135.

+*Palmer R, Stuart B, Filipy R. 1973. Biological effects of daily inhalation of radon and its short-lived daughters in experimental animals. In: Stanley R, Moghissi A, eds. *Noble gases*. Washington, DC: U.S. Energy Development and Research Agency, National Environmental Research Center. CONF-730915, 507-519.

Parker L, Craft AW. 1996. Radon and childhood cancers. (Comment on: *Eur J Cancer* 32A(2):282-285). *Eur J Cancer* 32A(2):201-204.

Pavia M, Bianco A, Pileggi C, et al. 2003. Meta-analysis of residential exposure to radon gas and lung cancer. *Bull World Health Organ* 81(10):732-738.

Pawel DJ. 2005. Can confounding by smoking explain the ecologic correlation between lung cancer and radon? *Health Phys* 89(2):181-182.

Pawel DJ, Puskin JS. 2004. The U.S. Environmental Protection Agency's assessment of risks from indoor radon. (Comment in: *Health Phys* 87(6):670-671; 87(6):671-672, author reply 672). *Health Phys* 87(1):68-74.

Pearce J, Boyle P. 2005. Examining the relationship between lung cancer and radon in small areas across Scotland. *Health Place* 11(3):275-282.

*Pearson J. 1967. *Natural environmental radioactivity from radon-222*. Rockville, MD: U.S. Department of Health, Education, and Welfare, Public Health Service, Bureau of Disease Prevention and Environmental Control. Publication No. 999-RH-26.

Pershagen G, Lagarde F. 1995. Re: "Case-control study of residential radon and lung cancer in Winnipeg, Manitoba, Canada". (Comment on: *Am J Epidemiol* 140(4):310-322). *Am J Epidemiol* 142(10):1121-1122.

*Pershagen G, Liang ZH, Hrubec Z, et al. 1992. Residential radon exposure and lung cancer in women. *Health Phys* 63:179-186.

*Pershagen G, Akerblom G, Axelson O, et al. 1994. Residential radon exposure and lung cancer in Sweden. (Comment in: *N Engl J Med* 330(23):1684, author reply 1685). *N Engl J Med* 330(3):159-164.

*Peterman BF, Perkins CJ. 1988. Dynamics of radioactive chemically inert gases in the human body. *Radiat Prot Dosimetry* 22(1):5-12.

Piao CQ, Hei TK. 1993. The biological effectiveness of radon daughter alpha particles. I. Radon, cigarette smoke and oncogenic transformation. *Carcinogenesis* 14(3):497-501.

*Pillai PM, Paul AC, Bhat IS, et al. 1994. Deposition and clearance of ²¹²Pb in humans. *Health Phys* 66(3):343-345.

*Pisa FE, Barbone F, Betta A, et al. 2001. Residential radon and risk of lung cancer in an Italian alpine area. *Arch Environ Health* 56(3):208-215.

9. REFERENCES

- Placek V, Sevc J. 1975. Hazard of cancer of the larynx in uranium miners. *Pracovni Lekarstvi* 27:113-115.
- *Planinić J, Šuveljak B, Faj Z. 1994. Radon distribution in dwellings. *J Radiol Prot* 14(3):235-239.
- Pohl E. 1964. Dose distribution received on inhalation of Ra222 and its decay products. In: *Radiological health and safety in mining and milling of nuclear materials. Vol 1. Vienna, Austria: International Atomic Energy Agency, 221-236.*
- *Pohl E. 1965. *Biophysikalische untersuchungen über die inkorporation der natürlich radioaktiven emanationen und deren zerfallsprodukte.* New York, NY: Springer-Verlag, 406-409.
- *Pohl-Rüling J, Fischer P. 1979. The dose-effect relationship of chromosome aberrations to alpha and gamma irradiation in a population subjected to an increased burden of natural radioactivity. *Radiat Res* 80:61-81.
- *Pohl-Rüling J, Fischer P. 1982. An epidemiological study of chromosome aberrations in a radon spa. In: Clemente C, Nero A, Steinhausler F, et al., eds. *Proceedings of the specialist meeting on the assessment of radon and daughter exposure and related biological effects.* Salt Lake City: RD Press, 210-219.
- *Pohl-Rüling J, Fischer P. 1983. Chromosome aberrations in inhabitants of areas with elevated natural radioactivity. In: Ishihara T, Sasaki M eds. *Radiation-induced chromosome damage in man.* New York, NY: Alan R. Liss, Inc., 527-560.
- *Pohl-Rüling J, Fischer P, Pohl E. 1976. Chromosome aberrations in peripheral blood lymphocytes dependent on various dose levels of natural radioactivity. In: *Biological and environmental effects of low-level radiation. Vol. II.* Vienna: International Atomic Energy Agency, 317-324.
- *Pohl-Rüling J, Fischer P, Pohl E. 1987. Effect on peripheral blood chromosomes. In: Hopke P, ed. *Radon and its decay products.* Washington, DC: American Chemical Society, 487-501.
- Pohl-Rüling J, Lettner H, Hofmann W, et al. 2000. Chromosomal aberrations of blood lymphocytes induced *in vitro* by radon-222 daughter α -irradiation. *Mutat Res* 449(1-2):7-19.
- Poncy JL, Laroque P, Fritsch P, et al. 1992. An experimental two-scale rat model of lung carcinoma initiated by radon exposure. *Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990.* Columbus, OH: Battelle Press, 803-819.
- *Poncy JL, Walter C, Fritsch P, et al. 1980. Delayed SCE frequency in rat bone-marrow cells after radon inhalation. In: Sanders C, Cross F, Dagle G, et al., eds. *Pulmonary toxicology of respirable particles. 19th Hanford Life Sciences Symposium, Richland, Washington, Oct 22-24, 1979.* Oak Ridge, TN: US Department of Energy, 479-485.
- *Porstendörfer J. 1994. Properties and behaviour of radon and thoron and their decay products in the air. *J Aerosol Sci* 25(2):219-263.
- *Porstendörfer J. 2001. Physical parameters and dose factors of the radon and thoron decay products. *Radiat Prot Dosimetry* 94(4):365-373.

9. REFERENCES

*Pressyanov D, Buysse J, Poffijn A, et al. 2003. The compact disk as radon detector - a laboratory study of the method. *Health Phys* 84(5):642-651.

Pressyanov D, Minev L, Uzunov P, et al. 1999. Excess lung cancer incidence and radon indoors in a Bulgarian town. *J Epidemiol Community Health* 53(7):448.

*Price JG, Rigby JG, Christensen L, et al. 1994. Radon in outdoor air in Nevada. *Health Phys* 66(4):433-438.

*Prichard H, Marlen K. 1983. Desorption of radon from activated carbon into a liquid scintillator. *Anal Chem* 55:155-157.

+*Proescher F. 1913. The pathological anatomical changes in guinea pigs killed by exposure to high concentration of radium emanation. *Radium* 1:5-14.

Puskin JS. 2003. Smoking as a confounder in ecologic correlations of cancer mortality rates with average county radon levels. (Comment in: *Health Phys* 86(2):203-204, author reply 204-205). *Health Phys* 84(4):526-532.

Puskin JS, Pawel DJ. 2005. Attributable lung cancer risk from radon in homes may be low. (Comment on: *BMJ* 330(7485):223). *BMJ* 330(7500):1151.

*Qiao YL, Taylor PR, Yao SX, et al. 1989. Relation of radon exposure and tobacco use to lung cancer among tin miners in Yunnan Province, China. *Am J Ind Med* 16(5):511-521.

*Qiao YL, Taylor PR, Yao SX, et al. 1997. Risk factors and early detection of lung cancer in a cohort of Chinese tin miners. *Ann Epidemiol* 7(8):533-541.

*Queval P, Beaumatin J, Morin M, et al. 1979. Inducibility of microsomal enzymes in normal and pre-cancerous lung tissue. *Biomedicine* 31:182-186.

Quindos LS, Soto J, Fernández PL, et al. 1991. Radon and lung cancer in Spain. *Radiat Prot Dosimetry* 36(2):331-333.

Raaschou-Nielsen O, Andersen CE, Andersen HP, et al. 2008. Domestic radon and childhood cancer in Denmark. *Epidemiology* 19:536-543.

*Radford E, Renard K. 1984. Lung cancer in Swedish iron miners exposed to low doses of radon daughters. *New Engl J Med* 310:1485-1494.

Ramola RC, Kandari MS, Rawat RBC, et al. 1998. A study of seasonal variations of radon levels in different types of houses. *J Environ Radioact* 39(1):1-7.

Rand PW, Lacombe EH, Perkins WD. 1991. Radon in homes following its reduction in a community water supply. *J Am Water Works Assoc* 83(4):154-158.

*Rangarajan C, Eapen C. 1987. Optimizing the gross alpha counting method for determining Rn progeny levels in the atmosphere. *Health Phys* 52:469-471.

Rechavi G, Berkowicz M, Rosner E, et al. 1990. Chromosomal aberrations suggestive of mutagen-related leukemia after 21 years of "therapeutic" radon exposure. *Cancer Genet Cytogenet* 48(1):125-130.

9. REFERENCES

- Rehman FU, Jamil K, Zakaullah M, et al. 2003. Experimental and Monte Carlo simulation studies of open cylindrical radon monitoring device using CR-39 detector. *J Environ Radioact* 65(2):243-254.
- *Rella J. 2002. Radiation. In: Goldfrank LR, Flomenbaum NE, Lewis NA, et al., eds. *Goldfrank's toxicologic emergencies*. 7th ed. New York, NY: McGraw-Hill, 1515-1526.
- *Renken KJ, Rosenberg T. 1995. Laboratory measurements of the transport of radon gas through concrete samples. *Health Phys* 68(6):800-808.
- Repace JL. 1989. Passive smoking is risky. *J Am Med Womens Assoc* 44(2):50-54.
- *Řeřicha V, Kulich M, Řeřicha R, et al. 2006. Incidence of leukemia, lymphoma, and multiple myeloma in Czech uranium miners: A case-cohort study. (Comment in: *Environ Health Perspect* 115(4):A184, author reply A184-A185). *Environ Health Perspect* 114(6):818-822.
- Revzan KL, Fisk WJ, Sextro RG. 1993. Modeling radon entry into Florida slab-on-grade houses. *Health Phys* 65(4):375-385.
- Richardson RB. 1992. Transfer of radiobismuth to the fetus in guinea-pigs. *Radiat Prot Dosimetry* 41(2):169-172.
- Richardson RB, Henshaw DL. 1992. Age-dependent dose to red bone marrow from natural radon, thoron and ⁴⁰K. *Radiat Prot Dosimetry* 41(2):255.
- Richardson S, Monfort C, Green M, et al. 1995. Spatial variation of natural radiation and childhood leukaemia incidence in Great Britain. *Stat Med* 14(21-22):2487-2501.
- *Richter ED, Neeman E, Fischer I, et al. 1997. Radon exposures in a Jerusalem public school. *Environ Health Perspect* 105(Suppl 6):1411-1416.
- *Rogel A, Laurier D, Tirmarche M, et al. 2002. Lung cancer risk in the French cohort of uranium miners. *J Radiol Prot* 22(3A):A101-A106.
- *Ronca-Battista M, Magno P, Nyberg P. 1988. Standard measurement techniques and strategies for indoor ²²²Rn measurements. *Health Phys* 55:67-69.
- *Roscoe RJ. 1997. An update of mortality from all causes among white uranium miners from the Colorado Plateau study group. *Am J Ind Med* 31:211-222.
- *Roscoe RJ, Deddens JA, Salvan A, et al. 1995. Mortality among Navajo uranium miners. *Am J Public Health* 85(4):535-540.
- *Roscoe RJ, Steenland K, Halperin W, et al. 1989. Lung cancer mortality among nonsmoking uranium miners exposed to radon daughters. *JAMA* 262:629-633.
- Ruckerbauer F, Winkler R. 2001. Radon concentration in soil gas: A comparison of methods. *Appl Radiat Isot* 55(2):273-280.
- *Ruosteenoja E, Mäkeläinen I, Rytömaa T, et al. 1996. Radon and lung cancer in Finland. *Health Phys* 71(2):185-189.

9. REFERENCES

Rutovitz J. 1995. Are underdwellings at risk from elevated levels of radon? An examination of radon levels in 201 houses in Hebden bridge. *J Radiol Prot* 15(1):53-66.

*Saccomanno G, Archer V, Auerbach O, et al. 1971. Histologic types of lung cancer among uranium miners. *Cancer* 27:515-523.

*Saccomanno G, Archer V, Auerbach O, et al. 1974. Development of carcinoma of the lung as reflected in exfoliated cells. *Cancer* 33:256-270.

Saccomanno G, Archer V, Saunder R, et al. 1976. Early indices of cancer risk among uranium miners with reference to modifying factors. *Ann NY Acad Sci* 271:377-383.

*Saccomanno G, Huth G, Auerbach O, et al. 1988. Relationship of radioactive radon daughters and cigarette smoking in the genesis of lung cancer in uranium miners. *Cancer* 62:1402-1408.

Saccomanno G, Yale C, Dison W, et al. 1986. An epidemiological analysis of the relationship between exposure to Rn progeny, smoking and bronchogenic carcinoma in the U-mining population of the Colorado Plateau--1960-1980. *Health Phys* 50:605-618.

*Samet JM. 1989. Radon and lung cancer. *J Natl Cancer Inst* 81:745-757.

Samet JM. 1994. Indoor radon and lung cancer: Risky or not? (Comment on: *J Natl Cancer Inst* 86(24):1829-37). *J Natl Cancer Inst* 86(24):1813-1814.

Samet JM. 1997. Indoor radon exposure and lung cancer: Risky or not? All over again. (Comment on: *J Natl Cancer Inst* 89(1):49-57). *J Natl Cancer Inst* 89(1):4-6.

*Samet JM, Kutvirt D, Waxweiler R, et al. 1984b. Uranium mining and lung cancer in Navajo men. *New Engl J Med* 310:1481-1484.

*Samet JM, Morgan MV, Key CR, et al. 1986. Studies of uranium miners in New Mexico. *Ann Am Conf Gov Ind Hyg* 14:351-355.

*Samet JM, Pathak DR, Morgan MV, et al. 1989. Radon progeny exposure and lung cancer risk in New Mexico U miners: A case-control study. *Health Phys* 56:415-421.

*Samet JM, Pathak DR, Morgan MV, et al. 1991. Lung cancer mortality and exposure to radon progeny in a cohort of New Mexico underground uranium miners. *Health Phys* 61(6):745-752.

*Samet JM, Pathak DR, Morgan MV, et al. 1994. Silicosis and lung cancer risk in underground uranium miners. *Health Phys* 66(4):450-453.

*Samet JM, Young R, Morgan M, et al. 1984a. Prevalence survey of respiratory abnormalities in New Mexico uranium miners. *Health Phys* 46:361-370.

*Samuelsson C. 1988. Retrospective determination of radon in houses. *Nature* 334:338-340.

*Sanders CL. 1977. Inhalation toxicology of $^{238}\text{PuO}_2$ and $^{239}\text{PuO}_2$ in Syrian golden hamsters. *Radiat Res* 70(2):334-344.

9. REFERENCES

- *Sandler DP, Weinberg CR, Archer VE, et al. 1999. Indoor radon and lung cancer risk: A case-control study in Connecticut and Utah. *Radiat Res* 151:103-104.
- *Sandler DP, Weinberg CR, Shore DL, et al. 2006. Indoor radon and lung cancer risk in Connecticut and Utah. *J Toxicol Environ Health A* 69(7):633-654.
- *Sasaki T, Gunji Y, Okuda T. 2004. Mathematical modeling of radon emanation. *J Nucl Sci Technol* 41(2):142-151.
- *Schery S, Gaeddert D, Wilkening M. 1980. Two-filter monitor for atmospheric ²²²Rn. *Rev Sci Instrum* 51:338-343.
- *Schoenberg JB, Klotz JB, Wilcox HB, et al. 1990. Case-control study of residential radon and lung cancer among New Jersey women. *Cancer Res* 50(20):6520-6524.
- *Schoenberg JB, Klotz JB, Wilcox HB, et al. 1992. A case-control study of residential radon and lung cancer among New Jersey women. In: Cross FT, ed. *Twenty-ninth Hanford symposium on health and the environment. Indoor radon and lung cancer: Reality or myth?* Sponsored by the United States Department of Energy and Battelle, Pacific Northwest Laboratories; Richland, Washington, Columbus: Battelle Press, 905-918.
- Schüttmann W. 1993. Schneeberg lung disease and uranium mining in the Saxon Ore Mountains (Erzgebirge). *Am J Ind Med* 23(2):355-368.
- *Schwartz JL, Shadley JD, Atcher RW, et al. 1990. Comparison of radon-daughter-induced effects in repair-proficient and repair-deficient CHO cell lines. *Environ Mol Mutagen* 16(3):178-184.
- Sedláč A. 1996. Microdosimetric approach to the problem of lung cancer induced by radon progeny. *Health Phys* 70(5):680-688.
- Seed TM, Niiro GK, Kretz ND. 1992. Radon-exposed-mediated changes in lung macrophage morphology and function, *in vitro*. *Indoor radon and lung cancer: Reality or myth?* Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990. Columbus, OH: Battelle Press, 581-597.
- Segovia N, Gaso MI, Armienta MA. 2007. Environmental radon studies in Mexico. *Environ Geochem Health* 29(2):143-153.
- *Semprini L, Hopkins OS, Tasker BR. 2000. Laboratory, field and modeling studies of radon-222 as a natural tracer for monitoring NAPL contamination. *Transp Porous Media* 38:223-240.
- *Setchell BP, Waites GMH. 1975. The blood-testis barrier. In: Creep RO, Astwood EB, Geiger SR, eds. *Handbook of physiology: Endocrinology V*. Washington, DC: American Physiological Society, 143-172.
- Ševc J, Kunz E, Plaček V. 1976. Lung cancer in uranium and long-term exposure to radon daughter products. *Health Phys* 30:433-437.
- *Ševc J, Kunz E, Plaček V, et al. 1984. Comments on lung cancer risk estimates. *Health Phys* 46:961-964.

9. REFERENCES

- *Ševc J, Kunz E, Tomášek L, et al. 1988. Cancer in man after exposure to Rn daughters. *Health Phys* 54:27-46.
- *Ševc J, Tomášek L, Kunz E, et al. 1993. A survey of the Czechoslovak follow-up of lung cancer mortality in uranium miners. *Health Phys* 64(4):355-369.
- *Ševcová M, Ševc J, Thomas J. 1978. Alpha irradiation of the skin and the possibility of late effects. *Health Phys* 35:803-806.
- *Shadley JD, Whitlock JL, Rotmensch J, et al. 1991. The effects of radon daughter α -particle irradiation in K1 and xrs-5 CHO cell lines. *Mutat Res* 248(1):73-83.
- *Shanahan EM, Peterson D, Roxby D, et al. 1996. Mutation rates at the glycoporphin A and HPRT loci in uranium miners exposed to radon progeny. *Occup Environ Med* 53(7):439-444.
- Shapiro J. 1956. Radiation dosage from breathing radon and its daughter products. *AMA Arch Ind Health* 14:169-177.
- *Sharma N, Hess CT, Thrall KD. 1997. A compartmental model of water radon contamination in the human body. *Health Phys* 72(2):261-268.
- +*Sikov MR, Cross FT, Mast TJ, et al. 1992. Developmental toxicology of radon exposures. In: Cross FT, ed. *Indoor radon and lung cancer: Reality or myth?* Columbus, OH: Battelle Press, 677-691.
- Simpson S, Comstock G. 1983. Lung cancer and housing characteristics. *Arch Environ Health* 38:248-251.
- *Smerhovský Z, Landa K, Rössner P, et al. 2001. Risk of cancer in an occupationally exposed cohort with increased level of chromosomal aberrations. *Environ Health Perspect* 109(1):41-45.
- *Smerhovský Z, Landa K, Rössner P, et al. 2002. Increased risk of cancer in radon-exposed miners with elevated frequency of chromosomal aberrations. *Mutat Res* 514(1-2):165-176.
- Smith BJ, Field RW, Lynch CF. 1998. Residential ^{222}Rn exposure and lung cancer: Testing the linear no-threshold theory with ecologic data. (Comment in: *Health Phys* 75(1):23-28, discussion 31-33; 76(3):316-319). (Comment on: *Health Phys* 68(2):157-174; 72(4):623-628). *Health Phys* 75(1):11-17.
- Smith BJ, Zhang L, Field RW. 2007. Iowa radon leukaemia study: A hierarchical population risk model for spatially correlated exposure measured with error. *Stat Med* 26:4619-4642.
- *Snihs J. 1974. The approach to radon problems in non-uranium mines in Sweden. In: Snyder W, ed. *Proceedings of the third International Congress of the International Radiation Protection Association*. U.S. Atomic Energy Commission. CONF-730907-P2, 900-911.
- *Sobue T, Lee VS, Ye W, et al. 2000. Residential radon exposure and lung cancer risk in Misasa, Japan: A case-control study. *J Radiat Res (Tokyo)* 41(2):81-92.
- *Solli H, Andersen A, Strandén E, et al. 1985. Cancer incidence among workers exposed to radon and thoron daughters in a niobium mine. *Scand J Work Environ Health* 11:7-13.

9. REFERENCES

Solomon SB, O'Brien RS, Wilks M, et al. 1994. Application of the ICRP's new respiratory tract model to an underground uranium mine. *Radiat Prot Dosimetry* 53(1-4):119-125.

*Somlai J, Gorjánác Z, Várhegyi A, et al. 2006. Radon concentration in houses over a closed Hungarian uranium mine. *Sci Total Environ* 367(2-3):653-665.

Sont WN. 1994. A summary of data on accumulated occupational radiation doses among Canadian workers. *Health Phys* 67(4):393-398.

Sperlich D, Karlik A, Pohl E. 1967. Versuche über die mutationsauslösende Wirkung von Radon 222 bei *Drosophila melanogaster*. *Strahlentherapie* 132:105-112.

Šrám RJ, Dobiáš L, Rössner P, et al. 1993. Monitoring genotoxic exposure in uranium mines. *Environ Health Perspect* 101(Suppl 3):155-158.

Srivastava G, Raghavayya M, Kotrappa P, et al. 1986. Radium-226 body burden in U miners by measurement of Rn in exhaled breath. *Health Phys* 50:217-221.

*Stayner L, Meinhardt T, Lemen R, et al. 1985. A retrospective cohort mortality study of a phosphate fertilizer production facility. *Arch Environ Health* 40:133-138.

*Stranden E, Kolstad AK, Lind B. 1984. Radon exhalation: Moisture and temperature dependence. *Health Phys* 47(3):480-484.

Stebbing JH, Dignam JJ. 1988. Contamination of individuals by radon daughters: A preliminary study. *Arch Environ Health* 43(2):149-154.

Steck DJ. 1990. A comparison of EPA screening measurements and annual ²²²Rn concentrations in statewide surveys. *Health Phys* 58(4):523-530.

*Steck DJ, Field RW. 1999. The use of track registration detectors to reconstruct contemporary and historical airborne radon (222Rn) and radon progeny concentrations for a radon-lung cancer epidemiologic study. *Radiat Meas* 31:401-406.

*Steck DJ, Field RW, Lynch CF. 1999. Exposure to atmospheric radon. *Environ Health Perspect* 107(2):123-127.

Steenland K. 1994. Age specific interactions between smoking and radon among United States uranium miners. *Occup Environ Med* 51(3):192-194.

Steinbuch M, Weinberg CR, Buckley JD, et al. 1999. Indoor residential radon exposure and risk of childhood acute myeloid leukemia. *Br J Cancer* 81(5):900-906.

Steindorf K, Lubin J, Wichmann HE, et al. 1995. Lung cancer deaths attributable to indoor radon exposure in West Germany. *Int J Epidemiol* 24(3):485-492.

*Stenstrand K, Annamaki M, Rytomaa T. 1979. Cytogenetic investigation of people in Finland using household water with high natural radioactivity. *Health Phys* 36:441-444.

Sterling T. 1983. Possible effects on occupational lung cancer from smoking related changes in the mucus content of the lung. *J Chronic Dis* 36:669-676.

9. REFERENCES

*Stidley CA, Samet JM. 1993. A review of ecologic studies of lung cancer and indoor radon. (Comment in: *Health Phys* 66(2):212). *Health Phys* 65(3):234-251.

Storm DL. 1994. Chemical monitoring of California's public drinking water sources: Public exposure and health impacts. In: Wang RGM, ed. *Water contamination and health*. New York, NY: Marcel Dekker, Inc., 67-124.

Straja SR, Moghissi AA. 1999. Comment on "On the discrepancies between epidemiologic studies of lung cancer and residential radon and Cohen's ecologic regression". (Comment on: *Health Phys* 75(1):11-17). *Health Phys* 76(3):316-319.

*Stram DO, Langholz B, Huberman M, et al. 1999. Correcting for exposure measurement error in a reanalysis of lung cancer mortality for the Colorado Plateau Uranium Miners cohort. *Health Phys* 77(3):265-275.

Stranden E, Magnus K, James AC, et al. 1988. A summary of data on accumulated occupational radiation doses among Canadian workers. *Radiat Prot Dosimetry* 24(1):471-474.

Strong JC, Swift DL. 1992. Deposition of "unattached" radon daughters in models of human nasal and oral airways. *Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990*. Columbus, OH: Battelle Press, 227-234.

Strong JC, Walsh M, Black A. 1990. A facility for studying the carcinogenic and synergistic effects of radon daughters in rodents. *J Aerosol Sci* 21(Suppl 1):S459-S462.

Stuart B, Willard D, Howard E. 1970. Studies of inhaled radon daughters, uranium ore dust, diesel exhaust, and cigarette smoke in dogs and hamsters. In: *Inhaled particles*. Surrey, England: Unwin Brothers, 3:543-558.

Suess M. 1988. Indoor air quality: Radon--report on a WHO Working Group. *J Environ Radioact* 8:73-91.

*Sun K. 2008. Field calibration of the glass-based retrospective radon detectors for epidemiologic applications. Ph.D. dissertation from the University of Iowa. August 2008.

*Suomela M, Kahlos H. 1972. Studies on the elimination rate and the radiation exposure following ingestion of ²²²Rn rich water. *Health Phys* 23:641-652.

Suzuki Y, Honjo S, Kawamura H, et al. 1994. Cancer mortality in low radon spa area. *Jpn J Cancer Res* 85(11):1063-1066.

Svensson C, Pershagen G, Klominek J. 1989. Lung cancer in women and type of dwelling in relation to radon exposure. *Cancer Res* 49(7):1861-1865.

*Swift DL, Strong JC. 1996. Nasal deposition of ultrafine ²¹⁸Po aerosols in human subjects. *J Aerosol Sci* 27(7):1125-1132.

*Swistock BR, Sharpe WE, Robillard PD. 1993. A survey of lead nitrate and radon contamination of private individual water systems in Pennsylvania. *J Environ Health* 55(5):6-12.

9. REFERENCES

- Szöke I, Balásházy I, Farkas Á, et al. 2006. Alpha-hit, cellular dose, cell transformation and inactivation probability distributions of radon progenies in the bronchial epithelium. *Radiat Prot Dosimetry* 122(1-4):540-542.
- *Taeger D, Fritsch A, Wiethage T, et al. 2006. Role of exposure to radon and silicosis on the cell type of lung carcinoma in German uranium miners. *Cancer* 106(4):881-889.
- *Taheri M, Jafarizadeh M, Baradaran S, et al. 2006. Development of a high efficiency personal/environmental radon dosimeter using polycarbonate detectors. *J Radiol Prot* 26(4):389-395.
- *Taskayev A, Popova O, Alexakhin R, et al. 1986. Root absorption of ^{222}Rn and its transfer into above-ground plant organs. *Health Phys* 50:589-594.
- *Taya A, Morgan A, Baker ST, et al. 1994. Changes in the rat lung after exposure to radon and its progeny: Effects on incorporation of bromodeoxyuridine in epithelial cells and on the incidence of nuclear aberrations in alveolar macrophages. *Radiat Res* 139(2):170-177.
- Taylor JA, Watson MA, Devereux TR, et al. 1994. p53 mutation hotspot in radon-associated lung cancer. (Comment in: *Lancet* 343(8900):795; 343(8906):1158-1159; 346(8967):121). *Lancet* 343(8889):86-87.
- *Thomas K, Colborn T. 1992. Organochlorine endocrine disruptors in human tissue. In: Colborn T, Clement C, eds. *Chemically induced alterations in sexual and functional development: The wildlife/human connection*. Princeton, NJ: Princeton Scientific Publishing, 365-394.
- *Thomas D, Pogoda J, Langholz B, et al. 1994. Temporal modifiers of the radon-smoking interaction. *Health Phys* 66(3):257-262.
- Thomassen DG, Newton GJ, Guilmette RA. 1992. Preneoplastic transformation of rat tracheal epithelial cells by inhaled radon progeny. *Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990*. Columbus, OH: Battelle Press, 637-647.
- *Thompson RE, Nelson DF, Popkin JH, et al. 2008. Case-control study of lung cancer risk from residential radon exposure in Worcester county, Massachusetts. *Health Phys* 94(3):228-241.
- Thorne R, Foreman NK, Mott MG. 1996. Radon in Devon and Cornwall and paediatric malignancies. (Comment in: *Eur J Cancer* 32A(2):201-204). *Eur J Cancer* 32A(2):282-285.
- *Tirmarche M, Raphalen A, Allin F, et al. 1993. Mortality of a cohort of French uranium miners exposed to relatively low radon concentrations. *Br J Cancer* 67(5):1090-1097.
- *Tirmarche M, Raphalen A, Chameaud J. 1992. Epidemiological study of French uranium miners. *Cancer Detect Prev* 16(3):169-172.
- Titov VC, Lashkov DP, Khaykovich IM, et al. 1997. Strategies for revealing dangerous concentrations of radon in buildings. *Appl Radiat Isot* 48(7):997-1001.
- Tobias C, Jones H, Lawrence J, et al. 1949. The uptake and elimination of Krypton and other inert gases by the human body. *J Clin Invest* 28:1375-1385.

9. REFERENCES

- *Tomášek L. 2002. Czech miner studies of lung cancer risk from radon. *J Radiol Prot* 22(3A):A107-A112.
- *Tomášek L, Darby SC. 1995. Recent results from the study of West Bohemian uranium miners exposed to radon and its progeny. *Environ Health Perspect* 103(Suppl 2):55-57.
- *Tomášek L, Plaček V. 1999. Radon exposure and lung cancer risk: Czech cohort study. *Radiat Res* 152(Suppl 6):S59-S63.
- *Tomášek L, Žárská H. 2004. Lung cancer risk among Czech tin and uranium miners--comparison of lifetime detriment. *Neoplasma* 51(4):255-260.
- *Tomášek L, Darby SC, Fearn T, et al. 1994b. Patterns of lung cancer mortality among uranium miners in West Bohemia with varying rates of exposure to radon and its progeny. *Radiat Res* 137(2):251-261.
- *Tomášek L, Darby SC, Swerdlow AJ, et al. 1993. Radon exposure and cancers other than lung cancer among uranium miners in West Bohemia. (Comment in: *Lancet* 342(8862):47). *Lancet* 341:919-923.
- *Tomášek L, Kunz E, Müller T, et al. 2001. Radon exposure and lung cancer risk - Czech cohort study on residential radon. *Sci Total Environ* 272(1-3):43-51.
- *Tomášek L, Rogel A, Tirmarche M, et al. 2008. Lung cancer in French and Czech uranium miners: Radon-associated risk at low exposure rates and modifying effects of time since exposure and age at exposure. *Radiat Res* 169(2):125-137.
- *Tomášek L, Swerdlow AJ, Darby SC, et al. 1994a. Mortality in uranium miners in west Bohemia: A long-term cohort study. *Occup Environ Med* 51(5):308-315.
- Tracy BL, Krewski D, Chen J, et al. 2006. Assessment and management of residential radon health risks: A report from the health Canada radon workshop. *J Toxicol Environ Health A* 69(7):735-758.
- Tsoufanidis N. 1997. Residential radon and lung cancer in Sweden. (Comment on: *Health Phys* 72(2):269-276). *Health Phys* 73(2):393.
- *Trapp E, Renzetti A, Kobayashi T, et al. 1970. Cardiopulmonary function in uranium miners. *Am Rev Respir Dis* 101:27-43.
- Turk BH, Harrison J, Prill RJ, et al. 1990. Developing soil gas and ²²²Rn entry potentials for substructure surfaces and assessing ²²²Rn control diagnostic techniques. *Health Phys* 59(4):405-419.
- Turk BH, Prill RJ, Fisk WJ, et al. 1991. Effectiveness of radon control techniques in fifteen homes. *J Air Waste Manage Assoc* 41(5):723-734.
- *Tuschl H, Altmann H, Kovac R, et al. 1980. Effects of low-dose radiation on repair processes in human lymphocytes. *Radiat Res* 81:1-9.
- *United Nations Scientific Committee on the Effects of Atomic Radiation. 1982. *Ionizing radiation: Sources and biological effects*. New York, NY: United Nations.

9. REFERENCES

- *UNSCEAR. 2000. Annex B. Exposures from natural radiation sources. In: Sources and effects of ionizing radiation. United Nations Scientific Committee on the Effects of Atomic Radiation. <http://www.unscear.org/docs/reports/annexb.pdf>. August 28, 2008.
- Upfal MJ, Johnson GA, Jacobson AP, et al. 1990. Indoor radon and lung cancer in China. (Comment on: J Natl Cancer Inst 82(12):1025-1030). J Natl Cancer Inst 82(21):1722-1723.
- US DHHS. 1985. The health consequences of smoking. Cancer and chronic lung disease in the workplace -- a report of the Surgeon General. Chapter 11. Ionizing radiation and lung cancer.
- US DHEW. 1970. Radiological health handbook. Bureau of Radiological Health. U.S. Department of Health, Education and Welfare. Rockville, MD.
- *USNRC. 2008a. Licensing requirements for land disposal of radioactive waste. U.S. Nuclear Regulatory Commission. Code of Federal Regulations. 10 CFR 61. <http://www.nrc.gov/reading-rm/doc-collections/cfr/part061/full-text.html>. May 13, 2008.
- *USNRC. 2008c. Annual limits on intakes (ALIs) and derived air concentrations (DACs) of radionuclides for occupational exposure; effluent concentrations; concentrations for release to sewerage. U.S. Nuclear Regulatory Commission. Code of Federal Regulations. 10 CFR 20, Appendix B. <http://www.nrc.gov/reading-rm/doc-collections/cfr/part020/part020-appb.html>. April 24, 2008.
- *Uzunov I, Steinhausler F, Pohl E. 1981. Carcinogenic risk of exposure to radon daughters associated with radon spas. Health Phys 41:807-813.
- *Vacquier B, Caer S, Rogel A, et al. 2007. Mortality risk in the French cohort of uranium miners: Extended follow-up 1946-1999. Occup Environ Med [Epub ahead of print].
- *Vaternahm T. 1922. Vergleichende untersuchungen über den emanationsgehalt der ausatemungsluft nach trinken von emanationshaltigem wasser und Öl. Z phys diät Ther 26:361-364.
- Vähäkangas KH. 2003. TP53 mutations in workers exposed to occupational carcinogens. Hum Mutat 21(3):240-251.
- Vähäkangas KH, Samet JM, Metcalf RA, et al. 1992. Mutations of p53 and ras genes in radon-associated lung cancer from uranium miners. Lancet 339(8793):576-580.
- Valentine RL, Stearns SW. 1994. Radon release from water distribution system deposits. Environ Sci Technol 28(3):534-537.
- Van Pelt WR. 2003. Epidemiological associations among lung cancer, radon exposure and elevation above sea level - a reassessment of Cohen's county level radon study. (Comment in: Health Phys 86(3):316-318, author reply 318). Health Phys 85(4):397-403.
- *Veiga LH, Amaral EC, Colin D, et al. 2006. A retrospective mortality study of workers exposed to radon in a Brazilian underground coal mine. Radiat Environ Biophys 45(2):125-134.
- *Veiga LH, Koifman S, Melo VP, et al. 2003. Preliminary indoor radon risk assessment at the Pocos de Caldas Plateau, MG-Brazil. J Environ Radioact 70(3):161-176.

9. REFERENCES

- Veiga LH, Melo V, Koifman S, et al. 2004. High radon exposure in a Brazilian underground coal mine. *J Radiol Prot* 24(3):295-305.
- Venitt S, Biggs PJ. 1994. Radon, mycotoxins, p53, and uranium mining. (Comment on: *Lancet* 343(8889):86-87). *Lancet* 343(8900):795.
- Vich Z, Brychtova V, Prochazka J, et al. 1973. Changes of some properties of erythrocytes in workers occupationally exposed to radon and its daughters products: Radiation effect or heavy metal poisoning? *Agressologie* 14:331-338.
- *Vieira I, Sonnier M, Cresteil T. 1996. Developmental expression of CYP2E1 in the human liver: Hypermethylation control of gene expression during the neonatal period. *Eur J Biochem* 238(2):476-483.
- Viel JF. 1993. Radon exposure and leukaemia in adulthood. *Int J Epidemiol* 22(4):627-631.
- *Vilenskiy V. 1969. Distribution of lead 210 and radium 226 in some soils. *Geokhimiya* 12:691-695.
- Villeneuve PJ, Morrison HI. 1997. Coronary heart disease mortality among Newfoundland fluorspar miners. *Scand J Work Environ Health* 23(3):221-226.
- *Villeneuve PJ, Lane RS, Morrison HI. 2007a. Coronary heart disease mortality and radon exposure in the Newfoundland fluorspar miners' cohort, 1950-2001. *Radiat Environ Biophys* 46(3):291-296.
- Villeneuve PJ, Morrison HI, Lane R. 2007b. Radon and lung cancer risk: An extension of the mortality follow-up of the Newfoundland fluorspar cohort. *Health Phys* 92(2):157-169.
- Von Döbeln W, Lindell B. 1964. Some aspects of radon contamination following ingestion. *Arkiv Fys* 27:531-572.
- *Vuković B, Faj D, Radolić V, et al. 2005. Indoor radon and lung cancer: A case-control study. *Isotopes Environ Health Stud* 41(2):169-176.
- *Wadach J, Hess C. 1985. Radon-222 concentration measurements in soil using liquid scintillation and track etch. *Health Phys* 48:805-808.
- Wagner V, Andriškova J, Palet V, et al. 1978. The levels of immunoglobulins (IgG, IgA, IgM) under the effect of age and exposure to the mining environment in uranium industry. *Strahlentherapie* 154:406-412.
- Wagner V, Andriškova J, Sevc J. 1973. Investigation of immunoglobulin levels in blood-serum of uranium miners after a higher exposure to ionizing radiation. In: Bujdosó E (ed). *Health physics problems of internal contamination*. Budapest: Akademiai Kiadó, 341-347.
- *Wagoner J, Archer V, Carroll B, et al. 1964. Cancer mortality patterns among U.S. uranium miners and millers, 1950 through 1962. *J Natl Cancer Inst* 32:787-801.
- *Wagoner J, Miller R, Lundin F, et al. 1963. Unusual cancer mortality among a group of underground metal miners. *New Engl J Med* 269:284-289.
- Wakefield M, Kohler JA. 1991. Indoor radon and childhood cancer. (Comment on: *Lancet* 335(8696):1008-1012). *Lancet* 338(8781):1537-1538.

9. REFERENCES

- *Wang RY, Chiang WK. 1998. Radiation poisoning. In: Haddad LM, Shannon MW, Winchester JF, eds. Clinical management of poisoning and drug overdose. 3rd ed. Philadelphia, PA: W.B Sanders Company, 413-425.
- *Wang Z, Lubin JH, Wang L, et al. 2002. Residential radon and lung cancer risk in a high-exposure area of Gansu Province, China. *Am J Epidemiol* 155(6):554-564.
- *Ward JF. 1988. DNA damage produced by ionizing radiation in mammalian cells: Identities, mechanism of formation, and repairability. *Prog Nucl Acid Res Mol Biol* 35:95-125.
- *Ward JF. 1990. The yield of DNA double-strand breaks produced intracellularly by ionizing radiation: A review. *Int J Radiat Biol* 57:1141-1150.
- *Waselenko JK, MacVittle TJ, Blakely WF, et al. 2004. Medical management of the acute radiation syndrome: Recommendations of the strategic National Stockpile Radiation Working Group. *Ann Intern Med* 140(12):1037-1055.
- Watson JE, Adams WC, Xie Y, et al. 1988. Survey of ^{222}Rn in North Carolina USA homes. *Health Phys* 55(1):71-76.
- *Watson JE, Evans JP, Mabry AM. 1993. Analysis of ^{222}Rn concentration in North Carolina household water supplies derived from private wells. *Health Phys* 65(2):156-160.
- Watts G. 2005. Radon blues. (Comment on: *BMJ* 330(7485):223). *Br Med J* 330(7485):226-227.
- *Waxweiler R, Roscoe R, Archer V, et al. 1981. Mortality follow-up through 1977 of the white underground uranium miners cohort examined by the United States Public Health Service. In: Gomez M, ed. International conference: Radiation hazards in mining. New York, NY: Society of Mining Engineers of American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc., 823-830.
- *Weast R. 1980. CRC handbook of chemistry and physics. Boca Raton, FL: CRC Press, Inc., B-19, B-119.
- Weaver DA, Hei TK, Hukku B, et al. 1997. Cytogenetic and molecular genetic analysis of tumorigenic human bronchial epithelial cells induced by radon alpha particles. *Carcinogenesis* 18(6):1251-1257.
- *Weissbuch H, Gradinaru M, Mihail G. 1980. Correlation between concentrations of ^{210}Pb in the biologic samples from miners and individual levels of exposure to short lived radon-222 daughter products. In: Radiation protection. Vol 2. New York, NY: Pergamon Press, 1072-1074.
- *West JR, Smith HW, Chasis H. 1948. Glomerular filtration rate, effective renal blood flow, and maximal tubular excretory capacity in infancy. *J Pediatr* 32:10-18.
- *White SB, Bergsten JW, Alexander BV, et al. 1992. Indoor ^{222}Rn concentrations in a probability sample of 43,000 houses across 30 states. *Health Phys* 62(1):41-50.
- Whittemore A, McMillan A. 1983. Lung cancer mortality among U.S. uranium miners: A reappraisal. *J Natl Cancer Inst* 71:489-499.
- *WHO. 1983. Selected radionuclides. Environmental Health Criteria 25. Geneva: World Health Organization.

9. REFERENCES

- *WHO. 2000. Air quality guidelines. 2nd ed. Geneva, Switzerland: World Health Organization. <http://www.euro.who.int/Document/AIQ/AirQualRepMtg.pdf>. March 08, 2006.
- *WHO. 2004. Guidelines for drinking-water quality. Vol. 1. Recommendations. 3rd ed. Geneva, Switzerland: World Health Organization. http://www.who.int/water_sanitation_health/dwq/gdwq3/en/. March 08, 2006.
- *Wichmann HE, Rosario AS, Heid IM, et al. 2005. Increased lung cancer risk due to residential radon in a pooled and extended analysis of studies in Germany. *Health Phys* 88(1):71-79.
- *Widdowson EM, Dickerson JWT. 1964. Chemical composition of the body. In: Comar CL, Bronner F, eds. Mineral metabolism: An advanced treatise. Vol. II: The elements Part A. New York, NY: Academic Press, 1-247.
- *Wiese W, Skipper B. 1986. Survey of reproductive outcomes in uranium and potash mine workers: Results of first analysis. *Ann Am Conf Gov Ind Hyg* 14:187-192.
- Wiethage T, Wesch H, Wegener K, et al. 1999. German uranium miner study - pathological and molecular genetic findings. German Uranium Miner Study, Research Group Pathology. *Radiat Res* 152(Suppl 6):S52-S55.
- *Wilcox HB, Al-Zoughool M, Garner MJ, et al. 2008. Case-control study of radon and lung cancer in New Jersey. *Radiat Prot Dosimetry* 128(2):169-179.
- Windholz M. 1983. The Merck index. 10th edition. Rahway, NJ: Merck and Company, Inc., 1171.
- Wolff SP. 1991. Radon and socioeconomic indicators. (Comment on: *Lancet* 337(8751):1187-1189). *Lancet* 337(8755):1476.
- Wolff S, Afzal V, Jostes RF, et al. 1993. Indications of repair of radon-induced chromosome damage in human lymphocytes: An adaptive response induced by low doses of X-rays. *Environ Health Perspect* 101(Suppl 3):73-77.
- *Wolff S, Jostes R, Cross FT, et al. 1991. Adaptive response of human lymphocytes for the repair of radon-induced chromosomal damage. *Mutat Res* 250(1-2):299-306.
- *Woodward A, Roder D, McMichael AJ, et al. 1991. Radon daughter exposures at the Radium Hill uranium mine and lung cancer rates among former workers, 1952-87. *Cancer Causes Control* 2(4):213-220.
- Wozniak SJ. 1992. Lung cancer and radon. (Comment in: *BMJ* 305(6846):181). *BMJ* 304(6841):1571.
- *Xuan XZ, Lubin JH, Li JY, et al. 1993. A cohort study in southern China of tin miners exposed to radon and radon decay products. *Health Phys* 64(2):120-131.
- Yamada Y, Oghiso Y, Morlier JP, et al. 2004. Comparative study on *Tp53* gene mutations in lung tumors from rats exposed to ²³⁹Pu, ²³⁷Np and ²²²Rn. *J Radiat Res (Tokyo)*45(1):69-76.
- Yamaoka K, Komoto Y, Suzuka I, et al. 1992. Effects of inhalation of radon spring water on biological functions - sod activities, lipid peroxides, and membrane fluidity. In: Yagi K, Kondo M, Niki E, et al.

9. REFERENCES

eds. Oxygen radicals. Proceedings of the 5th International Congress on oxygen radicals: Active oxygen, lipid peroxides and antioxidants, Kyoto, 17-21 November 1991. Amsterdam, Netherlands: Elsevier Science Publishers B.V, 777-780.

Yamaoka K, Komoto Y, Suzuka I, et al. 1993. Effects of radon inhalation on biological function--lipid peroxide level, superoxide dismutase activity, and membrane fluidity. *Arch Biochem Biophys* 302(1):37-41.

Yamaoka K, Mitsunobu F, Hanamoto K, et al. 2004a. Biochemical comparison between radon effects and thermal effects on humans in radon hot spring therapy. *J Radiat Res (Tokyo)*45(1):83-88.

Yamaoka K, Mitsunobu F, Hanamoto K, et al. 2004b. Study on biologic effects of radon and thermal therapy on osteoarthritis. *J Pain* 5(1):20-25.

*Yang I. 1987. Sampling and analysis of dissolved radon-222 in surface and ground water. In: Graves B, ed. Radon, radium, and other radioactivity in ground water. Chelsea, MI: Lewis Publishers, 193-203.

Yang M, Ye C, Yao S, et al. 1999. Preliminary studies on tin miners' lung cancer tissue related genes by differential display mRNA. *Chin Med J (Engl)*112(6):529-533.

Yang Q, Wesch H, Mueller KM, et al. 2000. Analysis of radon-associated squamous cell carcinomas of the lung for a p53 gene hotspot mutation. *Br J Cancer* 82(4):763-766.

*Yao SX, Lubin JH, Qiao YL, et al. 1994. Exposure to radon progeny, tobacco use and lung cancer in a case-control study in southern China. *Radiat Res* 138(3):326-336.

Yarmoshenko IV, Kirdin IA, Zhukovsky MV, et al. 2005. Meta-analysis of twenty radon and lung cancer case-control studies. *Radioact Environ* 7:762-771.

Ye W, Sobue T, Lee VS, et al. 1998. Mortality and cancer incidence in Misasa, Japan, a spa area with elevated radon levels. *Jpn J Cancer Res* 89(8):789-796.

Yeh HC, Cheng YS, Su YF, et al. 1992. Deposition of radon progeny in nonhuman primate nasal airways. Indoor radon and lung cancer: Reality or myth? Twenty-ninth Hanford Symposium on health and the environment, October 15-19, 1990. Columbus, OH: Battelle Press, 235-248.

Yngveson A, Williams C, Hjerpe A, et al. 1999. p53 Mutations in lung cancer associated with residential radon exposure. *Cancer Epidemiol Biomarkers Prev* 8(5):433-438.

Yu D, Kim JK. 2004. A physiologically based assessment of human exposure to radon released from groundwater. *Chemosphere* 54(5):639-645.

Yu KN, Guan ZJ. 1998. A portable bronchial dosimeter for radon progenies. *Health Phys* 75(2):147-152.

Yu KN, Guan ZJ, Young EC, et al. 1998. Measurement of tracheobronchial dose from simultaneous exposure to environmental radon and thoron progeny. *Health Phys* 75(2):153-158.

*Yu KN, Lau BM, Nikezic D. 2006. Assessment of environmental radon hazard using human respiratory tract models. *J Hazard Mater* 132(1):98-110.

9. REFERENCES

- Yu-tang L, Zhen C. 1996. A retrospective lung cancer mortality study of people exposed to insoluble arsenic and radon. *Lung Cancer* 14(Suppl 1):S137-S148.
- Zhiheng T, Detac X, Fuqi Z, et al. 1994. Passive radon monitoring techniques with and without electret collection. *J Radiol Prot* 14(3):241-249.
- Zhou H, Zhu LX, Li K, et al. 1999. Radon, tobacco-specific nitrosamine and mutagenesis in mammalian cells. *Mutat Res* 430(1):145-153.
- *Ziegler EE, Edwards BB, Jensen RL, et al. 1978. Absorption and retention of lead by infants. *Pediatr Res* 12(1):29-34.
- Zielinski J, Field RW. 2006. Residential radon and lung cancer - preface. *J Toxicol Environ Health* 69(7-8):525-526.