Anonymous. 1995. Polycythemia vera: the natural history of 1213 patients followed for 20 years. Gruppo Italiano Studio Policitemia. Ann Intern Med, 123(9), 656-664. PMID: 7574220.

Abdulkarim K, Girodon F, Johansson P et al. 2009. AML transformation in 56 patients with Ph- MPD in two well defined populations. Eur J Haematol, 82(2), 106-111. PMID: 19134023.

Ades L, Itzykson R, and Fenaux P. 2014. Myelodysplastic syndromes. Lancet, 383(9936), 2239-2252. PMID: 24656536.

Allemani C, Weir HK, Carreira H et al. 2015. Global surveillance of cancer survival 1995-2009: analysis of individual data for 25,676,887 patients from 279 population-based registries in 67 countries (CONCORD-2). Lancet, 385(9972), 977-1010. PMID: 25467588.

Alpar D, Wren D, Ermini L et al. 2015. Clonal origins of ETV6-RUNX1(+) acute lymphoblastic leukemia: studies in monozygotic twins. Leukemia, 29(4), 839-846. PMID: 25388957.

Altekruse SF, Henley SJ, and Thun MJ. 1999. Deaths from hematopoietic and other cancers in relation to permanent hair dye use in a large prospective study (United States). Cancer Causes Control, 10(6), 617-625. PMID: 10616830.

Alter BP, Giri N, Savage SA et al. 2010. Malignancies and survival patterns in the National Cancer Institute inherited bone marrow failure syndromes cohort study. British Journal of Haematology, 150(2), 179-188.

Alter BP, Giri N, Savage SA, and Rosenberg PS. 2009. Cancer in dyskeratosis congenita. Blood, 113(26), 6549-6557. PMCID: PMC2710915.

American College of Radiology. 2015. Diagnostic Radiology: Computed Tomography (CT) Practice Parameters and Technical Standards. Available from: http://www.acr.org/quality-safety/standards-guidelines/practice-guidelines-by-modality/ct Accessed on2016.

American College of Radiology. 2015. Radiation Safety. Available from: http://www.acr.org/quality-safety/radiology-safety/radiation-safety Accessed on2016.

Anderson LA, Duncombe AS, Hughes M et al. 2012. Environmental, lifestyle, and familial/ethnic factors associated with myeloproliferative neoplasms. Am J Hematol, 87(2), 175-182. PMID: 22076943.

Anderson LA, Pfeiffer RM, Landgren O et al. 2009. Risks of myeloid malignancies in patients with autoimmune conditions. Br J Cancer, 100(5), 822-828. PMCID: PMC2653768.

Arora H, Chacon AH, Choudhary S et al. 2014. Bloom syndrome. Int J Dermatol, 53(7), 798-802. PMID: 24602044.

Arranz S, Chiva-Blanch G, Valderas-Martinez P et al. 2012. Wine, beer, alcohol and polyphenols on cardiovascular disease and cancer. Nutrients, 4(7), 759-781. PMCID: PMC3407993.

Babushok DV, and Bessler M. 2015. Genetic predisposition syndromes: when should they be considered in the work-up of MDS? Best Pract Res Clin Haematol, 28(1), 55-68. PMCID: PMC4323616.

Bachand AM, Mundt KA, Mundt DJ, and Montgomery RR. 2010. Epidemiological studies of formaldehyde exposure and risk of leukemia and nasopharyngeal cancer: a meta-analysis. Crit Rev Toxicol, 40(2), 85-100. PMID: 20085478.

Ballinger ML, Mitchell G, and Thomas DM. 2015. Surveillance recommendations for patients with germline TP53 mutations. Curr Opin Oncol, 27(4), 332-337. PMID: 26049273.

Band PR, Le ND, Fang R et al. 1996. Cohort study of Air Canada pilots: mortality, cancer incidence, and leukemia risk. Am J Epidemiol, 143(2), 137-143. PMID: 8546114.

Barbui T. 2004. The leukemia controversy in myeloproliferative disorders: is it a natural progression of disease, a secondary sequela of therapy, or a combination of both? Semin Hematol, 41(2 Suppl 3), 15-17. PMID: 15190518.

Barbui T, Thiele J, Passamonti F et al. 2011. Survival and disease progression in essential thrombocythemia are significantly influenced by accurate morphologic diagnosis: an international study. J Clin Oncol, 29(23), 3179-3184. PMID: 21747083.

Beane Freeman LE, Blair A, Lubin JH et al. 2009. Mortality from lymphohematopoietic malignancies among workers in formaldehyde industries: the National Cancer Institute Cohort. J Natl Cancer Inst, 101(10), 751-761. PMCID: PMC2684555.

Beane Freeman LE, Bonner MR, Blair A et al. 2005. Cancer incidence among male pesticide applicators in the Agricultural Health Study cohort exposed to diazinon. Am J Epidemiol, 162(11), 1070-1079. PMID: 16236997.

Bennett JM. 2000. World Health Organization classification of the acute leukemias and myelodysplastic syndrome. Int J Hematol, 72(2), 131-133. PMID: 11039659.

Bennett JM. 2013. The myelodysplastic syndromes: a personal recollection of four decades of classification and prognostic scoring systems. Leuk Lymphoma, 54(12), 2588-2591. PMID: 23547832.

Bennett JM, Catovsky D, Daniel MT et al. 1994. The chronic myeloid leukaemias: guidelines for distinguishing chronic granulocytic, atypical chronic myeloid, and chronic myelomonocytic leukaemia. Proposals by the French-American-British Cooperative Leukaemia Group. Br J Haematol, 87(4), 746-754. PMID: 7986717.

Bennett JM, Catovsky D, Daniel MT et al. 1976. Proposals for the classification of the acute leukaemias. French-American-British (FAB) co-operative group. Br J Haematol, 33(4), 451-458. PMID: 188440.

Bennett JM, Catovsky D, Daniel MT et al. 1989. Proposals for the classification of chronic (mature) B and T lymphoid leukaemias. French-American-British (FAB) Cooperative Group. J Clin Pathol, 42(6), 567-584. PMCID: PMC1141984.

Bernard MP, Bancos S, Sime PJ, and Phipps RP. 2008. Targeting cyclooxygenase-2 in hematological malignancies: rationale and promise. Curr Pharm Des, 14(21), 2051-2060. PMCID: PMC2745246.

Bhatia S. 2013. Therapy-related myelodysplasia and acute myeloid leukemia. Semin Oncol, 40(6), 666-675. PMCID: PMC3867743.

Bjørge T, Cnattingius S, Lie RT, Tretli S, and Engeland A. 2008. Cancer risk in children with birth defects and in their families: A population based cohort study of 5.2 million children from Norway and Sweden. Cancer Epidemiology Biomarkers & Prevention, 17(3), 500-506.

Bjork J, Albin M, Welinder H et al. 2001. Are occupational, hobby, or lifestyle exposures associated with Philadelphia chromosome positive chronic myeloid leukaemia? Occup Environ Med, 58(11), 722-727. PMCID: PMC1740065.

Bjorkholm M, Derolf AR, Hultcrantz M et al. 2011. Treatment-related risk factors for transformation to acute myeloid leukemia and myelodysplastic syndromes in myeloproliferative neoplasms. J Clin Oncol, 29(17), 2410-2415. PMCID: PMC3107755.

Bjorkholm M, Kristinsson SY, Landgren O, and Goldin LR. 2013. No familial aggregation in chronic myeloid leukemia. Blood, 122(3), 460-461. PMCID: PMC3716206.

Blackwelder WC, Yano K, Rhoads GG et al. 1980. Alcohol and mortality: the Honolulu Heart Study. Am J Med, 68(2), 164-169. PMID: 7355889.

Blair A, and Zahm SH. 1995. Agricultural exposures and cancer. Environ Health Perspect, 103 Suppl 8, 205-208. PMCID: PMC1518967.

Bochtler T, Frohling S, and Kramer A. 2015. Role of chromosomal aberrations in clonal diversity and progression of acute myeloid leukemia. Leukemia, 29(6), 1243-1252. PMID: 25673237.

Boice JD, Jr. 2006. Ionizing radiation. In: Schottenfeld D, and Fraumeni J F (Eds.), Cancer Epidemiology and Prevention (3rd ed., pp. 259-293). New York: Oxford University.

Boice JD, Jr., Blettner M, Kleinerman RA et al. 1987. Radiation dose and leukemia risk in patients treated for cancer of the cervix. J Natl Cancer Inst, 79(6), 1295-1311. PMID: 3480381.

Boice JD, Jr., Morin MM, Glass AG et al. 1991. Diagnostic x-ray procedures and risk of leukemia, lymphoma, and multiple myeloma. JAMA, 265(10), 1290-1294. PMID: 2053936.

Bolufer P, Barragan E, Collado M et al. 2006. Influence of genetic polymorphisms on the risk of developing leukemia and on disease progression. Leuk Res, 30(12), 1471-1491.

Borthakur G, Lin E, Jain N et al. 2009. Survival is poorer in patients with secondary core-binding factor acute myelogenous leukemia compared with de novo core-binding factor leukemia. Cancer, 115(14), 3217-3221. PMCID: PMC4184418.

Brown LM, Gibson R, Burmeister LF et al. 1992. Alcohol consumption and risk of leukemia, non-Hodgkin's lymphoma, and multiple myeloma. Leuk Res, 16(10), 979-984. PMID: 1405712.

Caldwell GG, Kelley DB, and Heath CW, Jr. 1980. Leukemia among participants in military maneuvers at a nuclear bomb test. A preliminary report. JAMA, 244(14), 1575-1578. PMID: 6932516.

Campbell PJ, and Green AR. 2006. The myeloproliferative disorders. N Engl J Med, 355(23), 2452-2466. PMID: 17151367.

Cancer Genome Atlas Research Network. 2013. Genomic and epigenomic landscapes of adult de novo acute myeloid leukemia. N Engl J Med, 368(22), 2059-2074. PMID: 23634996.

Candelaria M, and Duenas-Gonzalez A. 2015. Therapy-related myelodysplastic syndrome. Expert Opin Drug Saf, 14(5), 655-665. PMID: 25675961.

Cantor KP, Blair A, Everett G et al. 1988. Hair dye use and risk of leukemia and lymphoma. Am J Public Health, 78(5), 570-571. PMCID: PMC1349342.

Cardis E, Vrijheid M, Blettner M et al. 2005. Risk of cancer after low doses of ionising radiation: retrospective cohort study in 15 countries. BMJ, 331(7508), 77. PMCID: PMC558612.

Carstensen JM, Bygren LO, and Hatschek T. 1990. Cancer incidence among Swedish brewery workers. Int J Cancer, 45(3), 393-396. PMID: 2407667.

Cartwright RA, Darwin C, McKinney PA et al. 1988. Acute myeloid leukemia in adults: a case-control study in Yorkshire. Leukemia, 2(10), 687-690. PMID: 3172845.

Castillo JJ, Reagan JL, Ingham RR et al. 2012. Obesity but not overweight increases the incidence and mortality of leukemia in adults: a meta-analysis of prospective cohort studies. Leuk Res, 36(7), 868-875. PMID: 22285508.

CDC. Surgeon General's Report. 2010. Chemicals in Tobacco.

Chabner B, Bertino J, Cleary J et al. 2011. Cytotoxic Agents. In: Brunton L, Chabner B, and Knollmann B (Eds.), Goodman & Gilman's The Pharmacological Basis of Therapeutics (12 ed.). New York, NY: McGraw-Hill.

Choi H, Jung C, Sohn SK et al. 2013. Genome-wide genotype-based risk model for survival in acute myeloid leukaemia patients with normal karyotype. Br J Haematol, 163(1), 62-71. PMID: 24159609.

Churpek JE, Lorenz R, Nedumgottil S et al. 2013. Proposal for the clinical detection and management of patients and their family members with familial myelodysplastic syndrome/acute leukemia predisposition syndromes. Leuk Lymphoma, 54(1), 28-35. PMID: 22691122.

Cogle CR. 2015. Incidence and Burden of the Myelodysplastic Syndromes. Curr Hematol Malig Rep, 10(3), 272-281. PMID: 26134527.

Cohen T, and Creger WP. 1967. Acute myeloid leukemia following seven years of aplastic anemia induced by chloramphenicol. Am J Med, 43(5), 762-770. PMID: 5234001.

Cooper GS, Kamel F, Sandler DP, Davey FR, and Bloomfield CD. 1996. Risk of adult acute leukemia in relation to prior immune-related conditions. Cancer Epidemiol Biomarkers Prev, 5(11), 867-872. PMID: 8922293.

Correa A, Mohan A, Jackson L, Perry H, and Helzlsouer K. 2000. Use of hair dyes, hematopoietic neoplasms, and lymphomas: a literature review. I. Leukemias and myelodysplastic syndromes. Cancer Invest, 18(4), 366-380. PMID: 10808373.

Couto E, Chen B, and Hemminki K. 2005. Association of childhood acute lymphoblastic leukaemia with cancers in family members. British Journal of Cancer, 93(11), 1307-1309.

Cowell IG, Sondka Z, Smith K et al. 2012. Model for MLL translocations in therapy-related leukemia involving topoisomerase IIbeta-mediated DNA strand breaks and gene proximity. Proc Natl Acad Sci U S A, 109(23), 8989-8994. PMCID: PMC3384169.

Craig BM, Rollison DE, List AF, and Cogle CR. 2012. Underreporting of myeloid malignancies by United States cancer registries. Cancer Epidemiol Biomarkers Prev, 21(3), 474-481. PMCID: 3662977.

Dameshek W. 1951. Some speculations on the myeloproliferative syndromes. Blood, 6(4), 372-375. PMID: 14820991.

Daniels RD, and Schubauer-Berigan MK. 2011. A meta-analysis of leukaemia risk from protracted exposure to low-dose gamma radiation. Occup Environ Med, 68(6), 457-464. PMCID: PMC3095477.

Darby SC, Whitley E, Howe GR et al. 1995. Radon and cancers other than lung cancer in underground miners: a collaborative analysis of 11 studies. J Natl Cancer Inst, 87(5), 378-384. PMID: 7853419.

Debeljak M, Kitanovski L, Pajic T, and Jazbec J. 2013. Concordant acute myeloblastic leukemia in monozygotic twins with germline and shared somatic mutations in the gene for CCAAT-enhancer-binding protein alpha with 13 years difference at onset. Haematologica, 98(7), e73-74. PMCID: PMC3696596.

Delzell E, Sathiakumar N, Graff J et al. 2006. Health Effects Institute. Res Rep Health Eff Inst, 132, 1-63.

Dohner H, Weisdorf DJ, and Bloomfield CD. 2015. Acute Myeloid Leukemia. N Engl J Med, 373(12), 1136-1152. PMID: 26376137.

Doody MM, Linet MS, Glass AG et al. 1996. Risks of non-Hodgkin's lymphoma, multiple myeloma, and leukemia associated with common medications. Epidemiology, 7(2), 131-139. PMID: 8834551.

Doody MM, Linet MS, Glass AG et al. 1992. Leukemia, lymphoma, and multiple myeloma following selected medical conditions. Cancer Causes Control, 3(5), 449-456. PMID: 1525326.

Dores GM, Devesa SS, Curtis RE, Linet MS, and Morton LM. 2012. Acute leukemia incidence and patient survival among children and adults in the United States, 2001-2007. Blood, 119(1), 34-43. PMID: 22086414.

Drenberg CD, Paugh SW, Pounds SB et al. 2015. Inherited variation in OATP1B1 is associated with treatment outcome in acute myeloid leukemia. Clin Pharmacol Ther. PMID: 26663398.

Du Y, Fryzek J, Sekeres MA, and Taioli E. 2010. Smoking and alcohol intake as risk factors for myelodysplastic syndromes (MDS). Leuk Res, 34(1), 1-5. PMID: 19747728.

Einstein AJ, Berman DS, Min JK et al. 2014. Patient-centered imaging: shared decision making for cardiac imaging procedures with exposure to ionizing radiation. J Am Coll Cardiol, 63(15), 1480-1489. PMCID: PMC3994983.

Elliott P, Shaddick G, Douglass M et al. 2013. Adult cancers near high-voltage overhead power lines. Epidemiology, 24(2), 184-190. PMID: 23337237.

Evans DG, Birch JM, Ramsden RT, Sharif S, and Baser ME. 2006. Malignant transformation and new primary tumours after therapeutic radiation for benign disease: substantial risks in certain tumour prone syndromes. J Med Genet, 43(4), 289-294. PMCID: PMC2563223.

Federman N, and Sakamoto KM. 2005. The genetic basis of bone marrow failure syndromes in children. Mol Genet Metab, 86(1-2), 100-109.

Ferlay J, Soerjomataram I, Ervik M et al. 2014. Cancer Incidence and Mortality Worldwide. Available from: http://www.wcrf.org/int/cancer-facts-figures/worldwide-data Accessed on Feb 29, 2016.

Fernberg P, Odenbro A, Bellocco R et al. 2007. Tobacco use, body mass index, and the risk of leukemia and multiple myeloma: a nationwide cohort study in Sweden. Cancer Res, 67(12), 5983-5986. PMID: 17575169.

Ferrara F, and Schiffer CA. 2013. Acute myeloid leukaemia in adults. Lancet, 381(9865), 484-495. PMID: 23399072.

Feychting M, and Ahlbom A. 1994. Magnetic fields, leukemia, and central nervous system tumors in Swedish adults residing near high-voltage power lines. Epidemiology, 5(5), 501-509. PMID: 7986864.

Fircanis S, Merriam P, Khan N, and Castillo JJ. 2014. The relation between cigarette smoking and risk of acute myeloid leukemia: an updated meta-analysis of epidemiological studies. Am J Hematol, 89(8), E125-132. PMID: 24753145.

Fleenor CJ, Higa K, Weil MM, and DeGregori J. 2015. Evolved Cellular Mechanisms to Respond to Genotoxic Insults: Implications for Radiation-Induced Hematologic Malignancies. Radiat Res, 184(4), 341-351. PMCID: PMC4617554.

Fraumeni JF, Jr. 1967. Bone marrow depression induced by chloramphenicol or phenylbutazone. Leukemia and other sequelae. JAMA, 201(11), 828-834. PMID: 6071896.

Friedman GD. 1982. Phenylbutazone, musculoskeletal disease, and leukemia. J Chronic Dis, 35(4), 233-243. PMID: 7037810.

Fritz A, Percy C, Jack A et al (Eds.). 2000. International Classification of Diseases for Oncology (3rd ed.). Geneva, Switzerland: World Health Organization.

Gaitonde S, Boumendjel R, Angeles R, and Rondelli D. 2010. Familial childhood monosomy 7 and associated myelodysplasia. J Pediatr Hematol Oncol, 32(6), e236-237. PMID: 20661156.

Gangatharan SA, Grove CS, P'ng S et al. 2013. Acute myeloid leukaemia in Western Australia 1991-2005: a retrospective population-based study of 898 patients regarding epidemiology, cytogenetics, treatment and outcome. Intern Med J, 43(8), 903-911. PMID: 23611681.

Glass DC, Schnatter AR, Tang G, Irons RD, and Rushton L. 2014. Risk of myeloproliferative disease and chronic myeloid leukaemia following exposure to low-level benzene in a nested case-control study of petroleum workers. Occup Environ Med, 71(4), 266-274. PMID: 24532441.

Gluzman DF, Sklyarenko LM, Koval SV et al. 2015. Myelodysplastic syndromes in Chernobyl clean-up workers. Ann Hematol, 94(10), 1639-1643. PMID: 26208666.

Godley LA, and Larson RA. 2008. Therapy-related myeloid leukemia. Semin Oncol, 35(4), 418-429. PMCID: PMC2600445.

Goldberg SL, Chen E, Corral M et al. 2010. Incidence and clinical complications of myelodysplastic syndromes among United States Medicare beneficiaries. J Clin Oncol, 28(17), 2847-2852. PMID: 20421543.

Granfeldt Ostgard LS, Medeiros BC, Sengelov H et al. 2015. Epidemiology and Clinical Significance of Secondary and Therapy-Related Acute Myeloid Leukemia: A National Population-Based Cohort Study. J Clin Oncol, 33(31), 3641-3649. PMID: 26304885.

Greaves MF, Maia AT, Wiemels JL, and Ford AM. 2003. Leukemia in twins: lessons in natural history. Blood, 102(7), 2321-2333. PMID: 12791663.

Greaves MF, and Wiemels J. 2003. Origins of chromosome translocations in childhood leukaemia. Nat Rev Cancer, 3(9), 639-649. PMID: 12951583.

Greenberg P, Cox C, LeBeau MM et al. 1997. International scoring system for evaluating prognosis in myelodysplastic syndromes. Blood, 89(6), 2079-2088. PMID: 9058730.

Greenberg PL, Tuechler H, Schanz J et al. 2012. Revised international prognostic scoring system for myelodysplastic syndromes. Blood, 120(12), 2454-2465. PMID: 22740453.

Griem ML, Kleinerman RA, Boice JD, Jr. et al. 1994. Cancer following radiotherapy for peptic ulcer. J Natl Cancer Inst, 86(11), 842-849. PMID: 8182765.

Grimwade D. 2001. The clinical significance of cytogenetic abnormalities in acute myeloid leukaemia. Best Pract Res Clin Haematol, 14(3), 497-529. PMID: 11640867.

Grimwade D, Hills RK, Moorman AV et al. 2010. Refinement of cytogenetic classification in acute myeloid leukemia: determination of prognostic significance of rare recurring chromosomal abnormalities among 5876 younger adult patients treated in the United Kingdom Medical Research Council trials. Blood, 116(3), 354-365. PMID: 20385793.

Groves FD, Page WF, Gridley G et al. 2002. Cancer in Korean war navy technicians: mortality survey after 40 years. Am J Epidemiol, 155(9), 810-818. PMID: 11978584.

Gundestrup M, and Storm HH. 1999. Radiation-induced acute myeloid leukaemia and other cancers in commercial jet cockpit crew: a population-based cohort study. Lancet, 354(9195), 2029-2031. PMID: 10636367.

Hahn CN, Chong CE, Carmichael CL et al. 2011. Heritable GATA2 mutations associated with familial myelodysplastic syndrome and acute myeloid leukemia. Nat Genet, 43(10), 1012-1017. PMCID: PMC3184204.

Hammer GP, Auvinen A, De Stavola BL et al. 2014. Mortality from cancer and other causes in commercial airline crews: a joint analysis of cohorts from 10 countries. Occup Environ Med, 71(5), 313-322. PMID: 24389960.

Harada H, Harada Y, Tanaka H, Kimura A, and Inaba T. 2003. Implications of somatic mutations in the AML1 gene in radiation-associated and therapy-related myelodysplastic syndrome/acute myeloid leukemia. Blood, 101(2), 673-680. PMID: 12393679.

Hauptmann M, Lubin JH, Stewart PA, Hayes RB, and Blair A. 2003. Mortality from lymphohematopoietic malignancies among workers in formaldehyde industries. J Natl Cancer Inst, 95(21), 1615-1623. PMID: 14600094.

Hauptmann M, Stewart PA, Lubin JH et al. 2009. Mortality from lymphohematopoietic malignancies and brain cancer among embalmers exposed to formaldehyde. J Natl Cancer Inst, 101(24), 1696-1708. PMCID: PMC2794303.

Hayes RB, Yin SN, Dosemeci M et al. 1997. Benzene and the dose-related incidence of hematologic neoplasms in China. Chinese Academy of Preventive Medicine--National Cancer Institute Benzene Study Group. J Natl Cancer Inst, 89(14), 1065-1071. PMID: 9230889.

Hemminki K, Liu X, Forsti A et al. 2013. Subsequent leukaemia in autoimmune disease patients. Br J Haematol, 161(5), 677-687. PMID: 23565673.

Henshaw DL, Eatough JP, and Richardson RB. 1990. Radon as a causative factor in induction of myeloid leukaemia and other cancers. Lancet, 335(8696), 1008-1012. PMID: 1970069.

Hinds MW, Kolonel LN, Lee J, and Hirohata T. 1980. Associations between cancer incidence and alcohol/cigarette consumption among five ethnic groups in Hawaii. Br J Cancer, 41(6), 929-940. PMCID: PMC2010370.

Hoffman R, Benz EJ, Jr., Silberstein LE et al. 2013. Hematology: Basic Principles and Practice. 6th ed. Philadelphia: Saunders/Elsevier.

Howard R, Gilbert E, Lynch CF et al. 2008. Risk of leukemia among survivors of testicular cancer: a population-based study of 42,722 patients. Ann Epidemiol, 18(5), 416-421. PMCID: PMC4034178.

Hsu WL, Preston DL, Soda M et al. 2013. The incidence of leukemia, lymphoma and multiple myeloma among atomic bomb survivors: 1950-2001. Radiat Res, 179(3), 361-382. PMCID: PMC3875218.

IARC. 2001. Ionizing radiation, part 2: some internally deposited radionuclides. IARC Monogr Eval Carcinog Risks Hum, 78, 595.

IARC. 2008. 1,3-butadiene, ethylene oxide and vinyl halides (vinyl fluoride, vinyl chloride and vinyl bromide). IARC Monogr Eval Carcinog Risks Hum, 97, 510.

IARC. 2010. Some aromatic amines, organic dyes and related exposures. IARC Monogr Eval Carcinog Risks Hum, 99. Personal use of hair dyes pgs 558-658. Lyon, France: IARC.

IARC. 2012. Chemical and related occupations. IARC Monogr Eval Carcinog Risks Hum 100 (Pt F). Benzene pgs 249-294. Butadiene pgs 309-338. Dioxins and related pgs 339-378. Formaldehyde pgs 401-435. Occupational exposure in the rubber manufacturing industry pgs 541-562. Lyon, France: IARC.

IARC. 2013. Non-ionizing radiation, part 2: radiofrequency electromagnetic fields. IARC Monogr Eval Carcinog Risks Hum, 102, 460.

Ido M, Nagata C, Kawakami N et al. 1996. A case-control study of myelodysplastic syndromes among Japanese men and women. Leuk Res, 20(9), 727-731. PMID: 8947581.

Inaba H, Greaves M, and Mullighan CG. 2013. Acute lymphoblastic leukaemia. Lancet, 381(9881), 1943-1955. PMCID: PMC3816716.

IOM (Institute of Medicine). 2000. The Five Series Study: Mortality of Military Participants in U.S. Nuclear Weapons Tests. Washington, DC: National Academy Press.

Iwanaga M, Hsu WL, Soda M et al. 2011. Risk of myelodysplastic syndromes in people exposed to ionizing radiation: a retrospective cohort study of Nagasaki atomic bomb survivors. J Clin Oncol, 29(4), 428-434. PMID: 21149671.

Jablon S, Hrubec Z, and Boice JD, Jr. 1991. Cancer in populations living near nuclear facilities. A survey of mortality nationwide and incidence in two states. JAMA, 265(11), 1403-1408. PMID: 1999880.

Jaffe ES, Harris NL, Stein H, and Vardiman JW (Eds.). 2001. World Health Organization classification of tumours. Pathology and genetics of haematopoietic and lymphoid tissues. Lyon: IARC Press.

James C, Ugo V, Le Couedic JP et al. 2005. A unique clonal JAK2 mutation leading to constitutive signalling causes polycythaemia vera. Nature, 434(7037), 1144-1148. PMID: 15793561.

Johansen C, Raaschou Nielsen O, Olsen JH, and Schuz J. 2007. Risk for leukaemia and brain and breast cancer among Danish utility workers: a second follow-up. Occup Environ Med, 64(11), 782-784. PMCID: PMC2078420.

Kabat GC, Wu JW, Moore SC et al. 2013. Lifestyle and dietary factors in relation to risk of chronic myeloid leukemia in the NIH-AARP Diet and Health Study. Cancer Epidemiol Biomarkers Prev, 22(5), 848-854. PMCID: PMC3849026.

Kadia TM, Ravandi F, Cortes J, and Kantarjian H. 2015. Toward Individualized Therapy in Acute Myeloid Leukemia: A Contemporary Review. JAMA Oncol, 1(6), 820-828. PMID: 26181162.

Karmali R, Dalovisio A, Borgia JA et al. 2015. All in the family: Clueing into the link between metabolic syndrome and hematologic malignancies. Blood Rev, 29(2), 71-80. PMID: 25433571.

Karran P. 2006. Thiopurines, DNA damage, DNA repair and therapy-related cancer. Br Med Bull, 79-80, 153-170. PMID: 17277075.

Kasum CM, Blair CK, Folsom AR, and Ross JA. 2003. Non-steroidal anti-inflammatory drug use and risk of adult leukemia. Cancer Epidemiol Biomarkers Prev, 12(6), 534-537. PMID: 12814999.

Kaye FJ. 2009. Mutation-associated fusion cancer genes in solid tumors. Mol Cancer Ther, 8(6), 1399-1408. PMID: 19509239.

Khalade A, Jaakkola MS, Pukkala E, and Jaakkola JJ. 2010. Exposure to benzene at work and the risk of leukemia: a systematic review and meta-analysis. Environ Health, 9, 31. PMCID: PMC2903550.

Kheifets L, Monroe J, Vergara X, Mezei G, and Afifi AA. 2008. Occupational electromagnetic fields and leukemia and brain cancer: an update to two meta-analyses. J Occup Environ Med, 50(6), 677-688. PMID: 18545095.

Kheifets LI, Afifi AA, Buffler PA, Zhang ZW, and Matkin CC. 1997. Occupational electric and magnetic field exposure and leukemia. A meta-analysis. J Occup Environ Med, 39(11), 1074-1091. PMID: 9383718.

Khincha PP, and Savage SA. 2013. Genomic characterization of the inherited bone marrow failure syndromes. Semin Hematol, 50(4), 333-347. PMCID: PMC3835370.

Kilpivaara O, Mukherjee S, Schram AM et al. 2009. A germline JAK2 SNP is associated with predisposition to the development of JAK2(V617F)-positive myeloproliferative neoplasms. Nat Genet, 41(4), 455-459. PMCID: PMC3676425.

Kim DH, Lee ST, Won HH et al. 2011. A genome-wide association study identifies novel loci associated with susceptibility to chronic myeloid leukemia. Blood, 117(25), 6906-6911. PMID: 21540461.

Kinlen LJ, and Rogot E. 1988. Leukaemia and smoking habits among United States veterans. BMJ, 297(6649), 657-659. PMCID: PMC1834341.

Kipps TJ, and Huan-You W. 2015. Classification of malignant lymphoid disorders Williams Hematatology (8th ed.).

Knight JA, Skol AD, Shinde A et al. 2009. Genome-wide association study to identify novel loci associated with therapy-related myeloid leukemia susceptibility. Blood, 113(22), 5575-5582. PMCID: PMC2689055.

Koeman T, van den Brandt PA, Slottje P et al. 2014. Occupational extremely low-frequency magnetic field exposure and selected cancer outcomes in a prospective Dutch cohort. Cancer Causes Control, 25(2), 203-214. PMID: 24241907.

Kralovics R, Passamonti F, Buser AS et al. 2005. A gain-of-function mutation of JAK2 in myeloproliferative disorders. N Engl J Med, 352(17), 1779-1790. PMID: 15858187.

Krestinina L, Preston DL, Davis FG et al. 2010. Leukemia incidence among people exposed to chronic radiation from the contaminated Techa River, 1953-2005. Radiat Environ Biophys, 49(2), 195-201. PMID: 20012750.

Kristinsson SY, Bjorkholm M, Hultcrantz M et al. 2011. Chronic immune stimulation might act as a trigger for the development of acute myeloid leukemia or myelodysplastic syndromes. J Clin Oncol, 29(21), 2897-2903. PMCID: PMC3138717.

Kroll ME, Murphy F, Pirie K et al. 2012. Alcohol drinking, tobacco smoking and subtypes of haematological malignancy in the UK Million Women Study. Br J Cancer, 107(5), 879-887. PMCID: PMC3425977.

Lan Q, Zhang L, Li G et al. 2004. Hematotoxicity in workers exposed to low levels of benzene. Science, 306(5702), 1774-1776. PMCID: PMC1256034.

Landgren O, Goldin LR, Kristinsson SY et al. 2008. Increased risks of polycythemia vera, essential thrombocythemia, and myelofibrosis among 24,577 first-degree relatives of 11,039 patients with myeloproliferative neoplasms in Sweden. Blood, 112(6), 2199-2204. PMCID: PMC2532797.

Larsson SC, and Wolk A. 2008. Overweight and obesity and incidence of leukemia: a meta-analysis of cohort studies. Int J Cancer, 122(6), 1418-1421. PMID: 18027857.

Laurier D, Jacob S, Bernier MO et al. 2008. Epidemiological studies of leukaemia in children and young adults around nuclear facilities: a critical review. Radiat Prot Dosimetry, 132(2), 182-190. PMID: 18922823.

Laurier D, Valenty M, and Tirmarche M. 2001. Radon exposure and the risk of leukemia: a review of epidemiological studies. Health Phys, 81(3), 272-288. PMID: 11513461.

Leal AD, Thompson CA, Wang AH et al. 2014. Anthropometric, medical history and lifestyle risk factors for myeloproliferative neoplasms in the Iowa Women's Health Study cohort. Int J Cancer, 134(7), 1741-1750. PMCID: PMC3947165.

Lee WJ, Hoppin JA, Blair A et al. 2004. Cancer incidence among pesticide applicators exposed to alachlor in the Agricultural Health Study. Am J Epidemiol, 159(4), 373-380. PMID: 14769641.

Lehmann S, Ravn A, Carlsson L et al. 2011. Continuing high early death rate in acute promyelocytic leukemia: a population-based report from the Swedish Adult Acute Leukemia Registry. Leukemia, 25(7), 1128-1134. PMID: 21502956.

Leone G, Fianchi L, Pagano L, and Voso MT. 2010. Incidence and susceptibility to therapy-related myeloid neoplasms. Chem Biol Interact, 184(1-2), 39-45. PMID: 20026017.

Leuraud K, Richardson DB, Cardis E et al. 2015. Ionising radiation and risk of death from leukaemia and lymphoma in radiation-monitored workers (INWORKS): an international cohort study. Lancet Haematol, 2(7), e276-e281. PMCID: PMC4587986.

Li Y, Moysich KB, Baer MR et al. 2006. Intakes of selected food groups and beverages and adult acute myeloid leukemia. Leuk Res, 30(12), 1507-1515. PMID: 16678899.

Lichtman MA. 2015. Classification and clinical manifestations of the clonal myeloid disorders Willliams Hematology (8th ed.).

Linet MS. 1985. The Leukemias: Epidemiological Aspects. New York: Oxford University Press.

Linet MS, and Cartwright RA. 1988. Chronic lymphocytic leukemia: epidemiology and etiologic findings. Nouv Rev Fr Hematol, 30(5-6), 353-357. PMID: 3222144.

Linet MS, Devesa SS, and Morgan GJ. 2006. The Leukemias. In: Schottenfeld D, and Fraumeni J F (Eds.), Cancer Epidemiology and Prevention (3rd ed., pp. 841-871). New York: Oxford University Press.

Linet MS, Kim KP, Miller DL et al. 2010. Historical review of occupational exposures and cancer risks in medical radiation workers. Radiat Res, 174(6), 793-808. PMCID: PMC4098897.

Linet MS, Slovis TL, Miller DL et al. 2012. Cancer risks associated with external radiation from diagnostic imaging procedures. CA Cancer J Clin, 62(2), 75-100. PMCID: PMC3548988.

Linet MS, Yin SN, Gilbert ES et al. 2015. A retrospective cohort study of cause-specific mortality and incidence of hematopoietic malignancies in Chinese benzene-exposed workers. Int J Cancer, 137(9), 2184-2197. PMID: 25944549.

Liu P, Holman CD, Jin J, and Zhang M. 2015. Dietary isoflavone intake is associated with a reduced risk of myelodysplastic syndromes. Br J Nutr, 114(12), 2110-2115. PMID: 26458988.

Liu P, Holman CD, Jin J, and Zhang M. 2016. Alcohol consumption and risk of myelodysplastic syndromes: a case-control study. Cancer Causes Control, 27(2), 209-216. PMID: 26590915.

Ludwig A, Jochmann N, Kertesz A et al. 2010. Smoking decreases the level of circulating CD34+ progenitor cells in young healthy women--a pilot study. BMC Womens Health, 10, 20. PMCID: PMC2891626.

Ma X, Lim U, Park Y et al. 2009. Obesity, lifestyle factors, and risk of myelodysplastic syndromes in a large US cohort. Am J Epidemiol, 169(12), 1492-1499. PMCID: PMC2727203.

Ma X, Park Y, Mayne ST et al. 2010. Diet, lifestyle, and acute myeloid leukemia in the NIH-AARP cohort. Am J Epidemiol, 171(3), 312-322. PMCID: PMC2842202.

Mabuchi K, Fugiwara S, Preston DL, Nakamura N, and Shore RE. 2011. Atomic bomb survivors: long-term health effects of radiation. In: Shrieve D S, and Loeffler J S (Eds.), Human Radiation Injury. Philadelphia: Wolters Kuwer/Lippincott Williams and Wilkins.

Mahajan R, Blair A, Lynch CF et al. 2006. Fonofos exposure and cancer incidence in the agricultural health study. Environ Health Perspect, 114(12), 1838-1842. PMCID: PMC1764168.

Mangan JK, and Speck NA. 2011. RUNX1 mutations in clonal myeloid disorders: from conventional cytogenetics to next generation sequencing, a story 40 years in the making. Crit Rev Oncog, 16(1-2), 77-91. PMCID: PMC3248792.

March HC. 1950. Leukemia in radiologists in a 20 year period. Am J Med Sci, 220(3), 282-286. PMID: 14771053.

Matsuo T, Tomonaga M, Bennett JM et al. 1988. Reclassification of leukemia among A-bomb survivors in Nagasaki using French-American-British (FAB) classification for acute leukemia. Jpn J Clin Oncol, 18(2), 91-96. PMID: 2898029.

Maynadie M, Girodon F, Manivet-Janoray I et al. 2011. Twenty-five years of epidemiological recording on myeloid malignancies: data from the specialized registry of hematologic malignancies of Cote d'Or (Burgundy, France). Haematologica, 96(1), 55-61. PMID: 20971817.

Mc Laughlin J. 2012. An historical overview of radon and its progeny: applications and health effects. Radiat Prot Dosimetry, 152(1-3), 2-8. PMID: 22914338.

McHale CM, Zhang L, and Smith MT. 2012. Current understanding of the mechanism of benzene-induced leukemia in humans: implications for risk assessment. Carcinogenesis, 33(2), 240-252. PMCID: PMC3271273.

McKenna RW. 2000. Multifaceted approach to the diagnosis and classification of acute leukemias. Clin Chem, 46(8 Pt 2), 1252-1259. PMID: 10926919.

McKeown SR, Hatfield P, Prestwich RJ, Shaffer RE, and Taylor RE. 2015. Radiotherapy for benign disease; assessing the risk of radiation-induced cancer following exposure to intermediate dose radiation. Br J Radiol, 88(1056), 20150405. PMID: 26462717.

McNally RJ, Roman E, and Cartwright RA. 1999. Leukemias and lymphomas: time trends in the UK, 1984-93. Cancer Causes Control, 10(1), 35-42. PMID: 10334640.

McQuilten ZK, Wood EM, Polizzotto MN et al. 2014. Underestimation of myelodysplastic syndrome incidence by cancer registries: Results from a population-based data linkage study. Cancer, 120(11), 1686-1694. PMID: 24643720.

Mele A, Visani G, Pulsoni A et al. 1996. Risk factors for essential thrombocythemia: A case-control study. Italian Leukemia Study Group. Cancer, 77(10), 2157-2161. PMID: 8640685.

Melo JV, and Barnes DJ. 2007. Chronic myeloid leukaemia as a model of disease evolution in human cancer. Nat Rev Cancer, 7(6), 441-453. PMID: 17522713.

Mesa RA, Li CY, Ketterling RP et al. 2005. Leukemic transformation in myelofibrosis with myeloid metaplasia: a single-institution experience with 91 cases. Blood, 105(3), 973-977. PMID: 15388582.

Mesa RA, Loegering D, Powell HL et al. 2005. Heat shock protein 90 inhibition sensitizes acute myelogenous leukemia cells to cytarabine. Blood, 106(1), 318-327. PMCID: PMC1895127.

Metayer C, Curtis RE, Vose J et al. 2003. Myelodysplastic syndrome and acute myeloid leukemia after autotransplantation for lymphoma: a multicenter case-control study. Blood, 101(5), 2015-2023. PMID: 12393427.

Mettler FA, Jr., Huda W, Yoshizumi TT, and Mahesh M. 2008. Effective doses in radiology and diagnostic nuclear medicine: a catalog. Radiology, 248(1), 254-263. PMID: 18566177.

Meyer SC, and Levine RL. 2014. Translational implications of somatic genomics in acute myeloid leukaemia. Lancet Oncol, 15(9), e382-394. PMID: 25079101.

Mills PK, Beeson WL, Fraser GE, and Phillips RL. 1992. Allergy and cancer: organ site-specific results from the Adventist Health Study. Am J Epidemiol, 136(3), 287-295. PMID: 1415150.

Morton LM, Dores GM, Tucker MA et al. 2013. Evolving risk of therapy-related acute myeloid leukemia following cancer chemotherapy among adults in the United States, 1975-2008. Blood, 121(15), 2996-3004. PMCID: PMC3624944.

Morton LM, Gibson TM, Clarke CA et al. 2014. Risk of myeloid neoplasms after solid organ transplantation. Leukemia, 28(12), 2317-2323. PMCID: PMC4197126.

Muirhead CR, Bingham D, Haylock RG et al. 2003. Follow up of mortality and incidence of cancer 1952-98 in men from the UK who participated in the UK's atmospheric nuclear weapon tests and experimental programmes. Occup Environ Med, 60(3), 165-172. PMCID: PMC1740497.

Muirhead CR, O'Hagan JA, Haylock RG et al. 2009. Mortality and cancer incidence following occupational radiation exposure: third analysis of the National Registry for Radiation Workers. Br J Cancer, 100(1), 206-212. PMCID: PMC2634664.

Musselman JR, Blair CK, Cerhan JR et al. 2013. Risk of adult acute and chronic myeloid leukemia with cigarette smoking and cessation. Cancer Epidemiol, 37(4), 410-416. PMCID: PMC3819424.

Nardi V, Winkfield KM, Ok CY et al. 2012. Acute myeloid leukemia and myelodysplastic syndromes after radiation therapy are similar to de novo disease and differ from other therapy-related myeloid neoplasms. J Clin Oncol, 30(19), 2340-2347. PMID: 22585703.

NCRP (National Council on Radiation Protection and Measurements). 2009. Ionizing radiation exposure of the population of the United States. Bethesda, MD: NCRP.

NCRP (National Council on Radiation Protection and Measurements). 2011. Second primary cancers and cardiovascular disease after radiation therapy. Bethesda, MD: NCRP.

Ng KC, Tan AM, Chong YY, Lau LC, and Lou J. 1999. Congenital acute megakaryoblastic leukemia (M7) with chromosomal t(1;22)(p13;q13) translocation in a set of identical twins. J Pediatr Hematol Oncol, 21(5), 428-430. PMID: 10524459.

Nickels EM, Soodalter J, Churpek JE, and Godley LA. 2013. Recognizing familial myeloid leukemia in adults. Ther Adv Hematol, 4(4), 254-269. PMCID: PMC3734901.

Nitiss JL. 2009. Targeting DNA topoisomerase II in cancer chemotherapy. Nat Rev Cancer, 9(5), 338-350. PMCID: PMC2748742.

NRC (National Research Council). 2006. Health Risks from Exposure to Low Levels of Ionizing Radiation: BEIR VII Phase 2. Washington, DC: National Academy of Sciences.

Olsen JH, Hahnemann JM, Borresen-Dale AL et al. 2001. Cancer in patients with ataxia-telangiectasia and in their relatives in the nordic countries. Journal of the National Cancer Institute, 93(2), 121-127. PMID: 11208881.

Owen C, Barnett M, and Fitzgibbon J. 2008. Familial myelodysplasia and acute myeloid leukaemia--a review. British Journal of Haematology, 140(2), 123-132. PMID: 18173751.

Pan LL, Huang YM, Wang M et al. 2015. Positional cloning and next-generation sequencing identified a TGM6 mutation in a large Chinese pedigree with acute myeloid leukaemia. Eur J Hum Genet, 23(2), 218-223. PMCID: PMC4297898.

Park JH, Qiao B, Panageas KS et al. 2011. Early death rate in acute promyelocytic leukemia remains high despite all-trans retinoic acid. Blood, 118(5), 1248-1254. PMID: 21653939.

Passamonti F, Rumi E, Arcaini L et al. 2008. Prognostic factors for thrombosis, myelofibrosis, and leukemia in essential thrombocythemia: a study of 605 patients. Haematologica, 93(11), 1645-1651. PMID: 18790799.

Passamonti F, Rumi E, Pungolino E et al. 2004. Life expectancy and prognostic factors for survival in patients with polycythemia vera and essential thrombocythemia. Am J Med, 117(10), 755-761. PMID: 15541325.

Patel JP, Gonen M, Figueroa ME et al. 2012. Prognostic relevance of integrated genetic profiling in acute myeloid leukemia. N Engl J Med, 366(12), 1079-1089. PMID: 22417203.

Pesatori AC, Consonni D, Tironi A et al. 1993. Cancer in a young population in a dioxin-contaminated area. Int J Epidemiol, 22(6), 1010-1013. PMID: 8144281.

Pogoda JM, Katz J, McKean-Cowdin R et al. 2005. Prescription drug use and risk of acute myeloid leukemia by French-American-British subtype: results from a Los Angeles County case-control study. Int J Cancer, 114(4), 634-638. PMID: 15609330.

Pogoda JM, Nichols PW, Ross RK et al. 2011. Diagnostic radiography and adult acute myeloid leukaemia: an interview and medical chart review study. Br J Cancer, 104(9), 1482-1486. PMCID: PMC3101931.

Polednak AP. 2011. US death rates from myeloproliferative neoplasms, and implications for cancer surveillance. J Registry Manag, 38(2), 87-92. PMID: 22096879.

Polednak AP. 2013. Trend (1999-2009) in U.S. death rates from myelodysplastic syndromes: utility of multiple causes of death in surveillance. Cancer Epidemiol, 37(5), 569-574. PMID: 23773300.

Polychronakis I, Dounias G, Makropoulos V, Riza E, and Linos A. 2013. Work-related leukemia: a systematic review. J Occup Med Toxicol, 8(1), 14. PMCID: PMC3668148.

Poynter JN, Fonstad R, Blair CK et al. 2013. Exogenous hormone use, reproductive history and risk of adult myeloid leukaemia. Br J Cancer, 109(7), 1895-1898. PMCID: PMC3790163.

Poynter JN, Richardson M, Blair CK et al. 2016. Obesity over the life course and risk of acute myeloid leukemia and myelodysplastic syndromes. Cancer Epidemiol, 40, 134-140. PMCID: PMC4738058.

Preston-Martin S, and Pogoda JM. 2003. Estimation of radiographic doses in a case-control study of acute myelogenous leukemia. Health Phys, 84(2), 245-259. PMID: 12553655.

Preston-Martin S, Thomas DC, Yu MC, and Henderson BE. 1989. Diagnostic radiography as a risk factor for chronic myeloid and monocytic leukaemia (CML). Br J Cancer, 59(4), 639-644. PMCID: PMC2247133.

Purdue MP, Hoppin JA, Blair A, Dosemeci M, and Alavanja MC. 2007. Occupational exposure to organochlorine insecticides and cancer incidence in the Agricultural Health Study. Int J Cancer, 120(3), 642-649. PMCID: PMC1971137.

Raaschou-Nielsen O, Ketzel M, Harbo Poulsen A, and Sorensen M. 2016. Traffic-related air pollution and risk for leukaemia of an adult population. Int J Cancer, 138(5), 1111-1117. PMID: 26415047.

Rauscher GH, Shore D, and Sandler DP. 2004. Alcohol intake and incidence of de novo adult acute leukemia. Leuk Res, 28(12), 1263-1265. PMID: 15475066.

Rauscher GH, Shore D, and Sandler DP. 2004. Hair dye use and risk of adult acute leukemia. Am J Epidemiol, 160(1), 19-25. PMID: 15229113.

Richardson D, Sugiyama H, Nishi N et al. 2009. Ionizing radiation and leukemia mortality among Japanese Atomic Bomb Survivors, 1950-2000. Radiat Res, 172(3), 368-382. PMID: 19708786.

Richardson DB, Terschuren C, Pohlabeln H, Jockel KH, and Hoffmann W. 2008. Temporal patterns of association between cigarette smoking and leukemia risk. Cancer Causes Control, 19(1), 43-50. PMID: 17906957.

Rinsky RA, Hornung RW, Silver SR, and Tseng CY. 2002. Benzene exposure and hematopoietic mortality: A long-term epidemiologic risk assessment. Am J Ind Med, 42(6), 474-480. PMID: 12439870.

Rivina L, Davoren M, and Schiestl RH. 2014. Radiation-induced myeloid leukemia in murine models. Hum Genomics, 8, 13. PMCID: PMC4128013.

Rollig C, Bornhauser M, Thiede C et al. 2011. Long-term prognosis of acute myeloid leukemia according to the new genetic risk classification of the European LeukemiaNet recommendations: evaluation of the proposed reporting system. J Clin Oncol, 29(20), 2758-2765. PMID: 21632498.

Rommens J, and Durie P. 2008. Shwachman-Diamond syndrome. In: Pagon R, Bird T, Dolan C, and Stephens K (Eds.), GeneReviews [Internet]. Seattle, WA: University of Washington, Seattle.

Rosenbaum T, and Wimmer K. 2014. Neurofibromatosis type 1 (NF1) and associated tumors. Klin Padiatr, 226(6-7), 309-315. PMID: 25062113.

Ross JA, Blair CK, Cerhan JR et al. 2011. Nonsteroidal anti-inflammatory drug and acetaminophen use and risk of adult myeloid leukemia. Cancer Epidemiol Biomarkers Prev, 20(8), 1741-1750. PMCID: PMC3153558.

Ruhl J, Adamo M, and Dickie L. 2015. Hematopoietic and Lymphoid Neoplasm Coding Manual. Bethesda: National Cancer Institute.

Rushton L, Schnatter AR, Tang G, and Glass DC. 2014. Acute myeloid and chronic lymphoid leukaemias and exposure to low-level benzene among petroleum workers. Br J Cancer, 110(3), 783-787. PMCID: PMC3915135.

Sakata R, Kleinerman RA, Mabuchi K et al. 2012. Cancer mortality following radiotherapy for benign gynecologic disorders. Radiat Res, 178(4), 266-279. PMCID: PMC3471655.

Saliba J, Saint-Martin C, Di Stefano A et al. 2015. Germline duplication of ATG2B and GSKIP predisposes to familial myeloid malignancies. Nat Genet, 47(10), 1131-1140. PMID: 26280900.

Sant M, Allemani C, Tereanu C et al. 2010. Incidence of hematologic malignancies in Europe by morphologic subtype: results of the HAEMACARE project. Blood, 116(19), 3724-3734. PMID: 20664057.

Saso R, Kulkarni S, Mitchell P et al. 2000. Secondary myelodysplastic syndrome/acute myeloid leukaemia following mitoxantrone-based therapy for breast carcinoma. Br J Cancer, 83(1), 91-94. PMCID: PMC2374543.

Savage SA, Giri N, Baerlocher GM et al. 2008. TINF2, a component of the shelterin telomere protection complex, is mutated in dyskeratosis congenita. Am J Hum Genet, 82(2), 501-509. PMCID: PMC2427222.

SCENIHR (Scientific Committee on Emerging and Newly Identified Health Risks). 2015. Potential health effects of exposure to electromagnetic fields (EMF): http://ec.europa.eu/health/scientific\_committees/emerging/docs/scenihr\_o\_041.pdf

Schlenk RF, Dohner K, Krauter J et al. 2008. Mutations and treatment outcome in cytogenetically normal acute myeloid leukemia. N Engl J Med, 358(18), 1909-1918. PMID: 18450602.

Schnatter AR, Glass DC, Tang G, Irons RD, and Rushton L. 2012. Myelodysplastic syndrome and benzene exposure among petroleum workers: an international pooled analysis. J Natl Cancer Inst, 104(22), 1724-1737. PMCID: PMC3502195.

Schwilk E, Zhang L, Smith MT, Smith AH, and Steinmaus C. 2010. Formaldehyde and leukemia: an updated meta-analysis and evaluation of bias. J Occup Environ Med, 52(9), 878-886. PMID: 20798648.

SEER. 2015. Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER\*Stat Database: Incidence - SEER 9 Regs Research Data, Nov 2014 Sub (1973-2012) <Katrina/Rita Population Adjustment> - Linked To County Attributes - Total U.S., 1969-2013 Counties, National Cancer Institute, DCCPS, Surveillance Research Program, Surveillance Systems Branch, released April 2015, based on the November 2014 submission.

SEER. 2015. Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER\*Stat Database: Incidence - SEER 13 Regs Research Data, Nov 2014 Sub (1992-2012) <Katrina/Rita Population Adjustment> - Linked To County Attributes - Total U.S., 1969-2013 Counties, National Cancer Institute, DCCPS, Surveillance Research Program, Surveillance Systems Branch, released April 2015, based on the November 2014 submission.

SEER. 2015. Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER\*Stat Database: Incidence - SEER 18 Regs Research Data + Hurricane Katrina Impacted Louisiana Cases, Nov 2014 Sub (2000-2012) <Katrina/Rita Population Adjustment> - Linked To County Attributes - Total U.S., 1969-2013 Counties, National Cancer Institute, DCCPS, Surveillance Research Program, Surveillance Systems Branch, released April 2015, based on the November 2014 submission.

Seminog OO, and Goldacre MJ. 2013. Risk of benign tumours of nervous system, and of malignant neoplasms, in people with neurofibromatosis: population-based record-linkage study. Br J Cancer, 108(1), 193-198. PMCID: PMC3553528.

Severson RK, Davis S, Thomas DB et al. 1989. Acute myelocytic leukemia and prior allergies. J Clin Epidemiol, 42(10), 995-1001. PMID: 2809658.

Severson RK, Stevens RG, Kaune WT et al. 1988. Acute nonlymphocytic leukemia and residential exposure to power frequency magnetic fields. Am J Epidemiol, 128(1), 10-20. PMID: 3381818.

Shadman M, White E, De Roos AJ, and Walter RB. 2013. Associations between allergies and risk of hematologic malignancies: results from the VITamins and lifestyle cohort study. Am J Hematol, 88(12), 1050-1054. PMCID: PMC4001851.

Shiels MS, and Engels EA. 2012. Increased risk of histologically defined cancer subtypes in human immunodeficiency virus-infected individuals: clues for possible immunosuppression-related or infectious etiology. Cancer, 118(19), 4869-4876. PMCID: PMC3366173.

Shilnikova NS, Preston DL, Ron E et al. 2003. Cancer mortality risk among workers at the Mayak nuclear complex. Radiat Res, 159(6), 787-798. PMID: 12751962.

Shimizu Y, Pierce DA, Preston DL, and Mabuchi K. 1999. Studies of the mortality of atomic bomb survivors. Report 12, part II. Noncancer mortality: 1950-1990. Radiat Res, 152(4), 374-389. PMID: 10477914.

Shizuru JA, Negrin RS, and Weissman IL. 2005. Hematopoietic stem and progenitor cells: clinical and preclinical regeneration of the hematolymphoid system. Annu Rev Med, 56, 509-538. PMID: 15660525.

Shlush LI, and Minden MD. 2015. Preleukemia: the normal side of cancer. Curr Opin Hematol, 22(2), 77-84. PMID: 25575035.

Shore RE, Moseson M, Harley N, and Pasternack BS. 2003. Tumors and other diseases following childhood x-ray treatment for ringworm of the scalp (Tinea capitis). Health Phys, 85(4), 404-408. PMID: 13678280.

Shu XO, Gao YT, Linet MS et al. 1987. Chloramphenicol use and childhood leukaemia in Shanghai. Lancet, 2(8565), 934-937. PMID: 2889862.

Siegel RL, Miller KD, and Jemal A. 2016. Cancer statistics, 2016. CA Cancer J Clin, 66(1), 7-30. PMID: 26742998.

Sielken RL, Jr., and Valdez-Flores C. 2015. A comprehensive review of occupational and general population cancer risk: 1,3-Butadiene exposure-response modeling for all leukemia, acute myelogenous leukemia, chronic lymphocytic leukemia, chronic myelogenous leukemia, myeloid neoplasm and lymphoid neoplasm. Chem Biol Interact, 241, 50-58. PMID: 26070419.

Simon SL, Preston DL, Linet MS et al. 2014. Radiation organ doses received in a nationwide cohort of U.S. radiologic technologists: methods and findings. Radiat Res, 182(5), 507-528. PMCID: PMC4406479.

Sinner PJ, Cerhan JR, Folsom AR, and Ross JA. 2005. Positive association of farm or rural residence with acute myeloid leukemia incidence in a cohort of older women. Cancer Epidemiol Biomarkers Prev, 14(10), 2446-2448. PMID: 16214930.

Smith A, Howell D, Patmore R, Jack A, and Roman E. 2011. Incidence of haematological malignancy by sub-type: a report from the Haematological Malignancy Research Network. Br J Cancer, 105(11), 1684-1692. PMCID: 3242607.

Smith A, Roman E, Howell D et al. 2009. The Haematological Malignancy Research Network (HMRN): a new information strategy for population based epidemiology and health service research. Br J Haematol, 148(5), 739-753. PMCID: 3066245.

Smith AG, Dovey GJ, and Cartwright RA. 2000. Topical chloramphenicol and the risk of acute leukaemia in adults. Pharmacoepidemiol Drug Saf, 9(3), 215-219. PMID: 19025822.

Smith ML, Cavenagh JD, Lister TA, and Fitzgibbon J. 2004. Mutation of CEBPA in familial acute myeloid leukemia. N Engl J Med, 351(23), 2403-2407. PMID: 15575056.

Soderberg KC, Hagmar L, Schwartzbaum J, and Feychting M. 2004. Allergic conditions and risk of hematological malignancies in adults: a cohort study. BMC Public Health, 4, 51. PMCID: PMC534807.

Sokal JE, Cox EB, Baccarani M et al. 1984. Prognostic discrimination in "good-risk" chronic granulocytic leukemia. Blood, 63(4), 789-799. PMID: 6584184.

Song WJ, Sullivan MG, Legare RD et al. 1999. Haploinsufficiency of CBFA2 causes familial thrombocytopenia with propensity to develop acute myelogenous leukaemia. Nat Genet, 23(2), 166-175. PMID: 10508512.

Srour SA, Devesa SS, Morton LM et al. 2016. Incidence and patient survival of myeloproliferative neoplasms and myelodysplastic/myeloproliferative neoplasms in the United States, 2001-2012. Britsh Journal of Haematology, 172(?).

Stebbings JH. 1998. Dose-response analyses of osteonecrosis in New Jersey radium workers point to roles for other alpha emitters. Health Phys, 74(5), 602-607. PMID: 9570164.

Stevens W, Thomas DC, Lyon JL et al. 1990. Leukemia in Utah and radioactive fallout from the Nevada test site. A case-control study. JAMA, 264(5), 585-591. PMID: 2366297.

Storm HH, Jorgensen HO, Kejs AM, and Engholm G. 2006. Depleted uranium and cancer in Danish Balkan veterans deployed 1992-2001. Eur J Cancer, 42(14), 2355-2358. PMID: 16857358.

Strom SS, Yamamura Y, Kantarijian HM, and Cortes-Franco JE. 2009. Obesity, weight gain, and risk of chronic myeloid leukemia. Cancer Epidemiol Biomarkers Prev, 18(5), 1501-1506. PMCID: PMC2918285.

Strullu M, Caye A, Lachenaud J et al. 2014. Juvenile myelomonocytic leukaemia and Noonan syndrome. J Med Genet, 51(10), 689-697. PMID: 25097206.

Swerdlow SH, Campo E, Harris NL et al (Eds.). 2008. WHO classification of tumours of haematopoietic and lymphoid tissues (4 ed.). Lyon: International Agency for Research on Cancer.

Talbott EO, Xu X, Youk AO et al. 2011. Risk of leukemia as a result of community exposure to gasoline vapors: a follow-up study. Environ Res, 111(4), 597-602. PMID: 21453914.

Tapper W, Jones AV, Kralovics R et al. 2015. Genetic variation at MECOM, TERT, JAK2 and HBS1L-MYB predisposes to myeloproliferative neoplasms. Nat Commun, 6, 6691. PMCID: PMC4396373.

Tefferi A, and Pardanani A. 2015. Myeloproliferative Neoplasms: A Contemporary Review. JAMA Oncol, 1(1), 97-105. PMID: 26182311.

Thariat J, Marcy PY, Lacout A et al. 2012. Radiotherapy and radiology: joint efforts for modern radiation planning and practice. Diagn Interv Imaging, 93(5), 342-350. PMID: 22483122.

Thygesen LC, Nielsen OJ, and Johansen C. 2009. Trends in adult leukemia incidence and survival in Denmark, 1943-2003. Cancer Causes Control, 20(9), 1671-1680. PMID: 19672681.

Till JE, Beck HL, Aanenson JW et al. 2014. Military participants at U.S. Atmospheric nuclear weapons testing--methodology for estimating dose and uncertainty. Radiat Res, 181(5), 471-484. PMCID: PMC4082990.

Tomasek L, Darby SC, Swerdlow AJ, Placek V, and Kunz E. 1993. Radon exposure and cancers other than lung cancer among uranium miners in West Bohemia. Lancet, 341(8850), 919-923. PMID: 8096265.

Tong H, Hu C, Yin X et al. 2013. A Meta-Analysis of the Relationship between Cigarette Smoking and Incidence of Myelodysplastic Syndromes. PLoS One, 8(6), e67537. PMCID: PMC3689714.

Traversa G, Menniti-Ippolito F, Da Cas R et al. 1998. Drug use and acute leukemia. Pharmacoepidemiol Drug Saf, 7(2), 113-123. PMID: 15073735.

Travis LB, Hauptmann M, Gaul LK et al. 2003. Site-specific cancer incidence and mortality after cerebral angiography with radioactive thorotrast. Radiat Res, 160(6), 691-706. PMID: 14640794.

Travis LB, Holowaty EJ, Bergfeldt K et al. 1999. Risk of leukemia after platinum-based chemotherapy for ovarian cancer. N Engl J Med, 340(5), 351-357. PMID: 9929525.

Tucker JD. 2010. Chromosome translocations and assessing human exposure to adverse environmental agents. Environ Mol Mutagen, 51(8-9), 815-824. PMID: 20213842.

Tynes T, and Haldorsen T. 2003. Residential and occupational exposure to 50 Hz magnetic fields and hematological cancers in Norway. Cancer Causes Control, 14(8), 715-720. PMID: 14674735.

Udayakumar AM, Surekhatony M, and Wali YA. 2014. Myelodysplasia progressing to acute myeloid leukemia in monozygotic twins with monosomy 7 as sole abnormality. Leuk Lymphoma, 55(11), 2672-2674. PMID: 24598016.

Vardiman JW, Harris NL, and Brunning RD. 2002. The World Health Organization (WHO) classification of the myeloid neoplasms. Blood, 100(7), 2292-2302. PMID: 12239137.

Vardiman JW, Thiele J, Arber DA et al. 2009. The 2008 revision of the World Health Organization (WHO) classification of myeloid neoplasms and acute leukemia: rationale and important changes. Blood, 114(5), 937-951. PMID: 19357394.

Varley J, Evans D, and Birch J. 1997. Li-Fraumeni syndrome--a molecular and clinical review. British Journal of Cancer, 76(1), 1-14.

Verkasalo PK, Pukkala E, Kaprio J, Heikkila KV, and Koskenvuo M. 1996. Magnetic fields of high voltage power lines and risk of cancer in Finnish adults: nationwide cohort study. BMJ, 313(7064), 1047-1051. PMCID: PMC2352388.

Vijayakrishnan J, and Houlston R. 2010. Candidate gene association studies and risk of childhood acute lymphoblastic leukemia: A systematic review and meta-analysis. Haematologica, 95(8), 1405-1414. PMID: 20511665.

Visser O, Trama A, Maynadie M et al. 2012. Incidence, survival and prevalence of myeloid malignancies in Europe. Eur J Cancer, 48(17), 3257-3266. PMID: 22770878.

Vlaanderen J, Lan Q, Kromhout H, Rothman N, and Vermeulen R. 2012. Occupational benzene exposure and the risk of chronic myeloid leukemia: a meta-analysis of cohort studies incorporating study quality dimensions. Am J Ind Med, 55(9), 779-785. PMID: 22729623.

Voso MT, Fenu S, Latagliata R et al. 2013. Revised International Prognostic Scoring System (IPSS) predicts survival and leukemic evolution of myelodysplastic syndromes significantly better than IPSS and WHO Prognostic Scoring System: validation by the Gruppo Romano Mielodisplasie Italian Regional Database. J Clin Oncol, 31(21), 2671-2677. PMID: 23796988.

Wakeford R. 2009. Radiation in the workplace-a review of studies of the risks of occupational exposure to ionising radiation. J Radiol Prot, 29(2A), A61-79. PMID: 19454806.

Wang P, Liu H, Jiang T, and Yang J. 2015. Cigarette Smoking and the Risk of Adult Myeloid Disease: A Meta-Analysis. PLoS One, 10(9), e0137300. PMCID: PMC4560392.

Wei L, and Sugahara T. 2000. An introductory overview of the epidemiological study on the population at the high background radiation areas in Yangjiang, China. J Radiat Res, 41 Suppl, 1-7. PMID: 11142208.

Weiss HA, Darby SC, Fearn T, and Doll R. 1995. Leukemia mortality after X-ray treatment for ankylosing spondylitis. Radiat Res, 142(1), 1-11. PMID: 7899552.

Weiss JR, Baker JA, Baer MR et al. 2006. Opposing effects of aspirin and acetaminophen use on risk of adult acute leukemia. Leuk Res, 30(2), 164-169. PMID: 16099041.

Wheatley K, Brookes CL, Howman AJ et al. 2009. Prognostic factor analysis of the survival of elderly patients with AML in the MRC AML11 and LRF AML14 trials. Br J Haematol, 145(5), 598-605. PMID: 19344426.

Wick RR, Nekolla EA, Gaubitz M, and Schulte TL. 2008. Increased risk of myeloid leukaemia in patients with ankylosing spondylitis following treatment with radium-224. Rheumatology (Oxford), 47(6), 855-859. PMID: 18390588.

Wilkinson P, Thakrar B, Walls P et al. 1999. Lymphohaematopoietic malignancy around all industrial complexes that include major oil refineries in Great Britain. Occup Environ Med, 56(9), 577-580. PMCID: PMC1757785.

Williams RR, and Horm JW. 1977. Association of cancer sites with tobacco and alcohol consumption and socioeconomic status of patients: interview study from the Third National Cancer Survey. J Natl Cancer Inst, 58(3), 525-547. PMID: 557114.

Wong O, Harris F, Yiying W, and Hua F. 2009. A hospital-based case-control study of acute myeloid leukemia in Shanghai: analysis of personal characteristics, lifestyle and environmental risk factors by subtypes of the WHO classification. Regul Toxicol Pharmacol, 55(3), 340-352. PMID: 19703505.

Wright JD, St Clair CM, Deutsch I et al. 2010. Pelvic radiotherapy and the risk of secondary leukemia and multiple myeloma. Cancer, 116(10), 2486-2492. PMID: 20209618.

Xavier AC, and Taub JW. 2010. Acute leukemia in children with Down syndrome. Haematologica, 95(7), 1043-1045.

Yamamura Y, Oum R, Gbito KY, Garcia-Manero G, and Strom SS. 2013. Dietary intake of vegetables, fruits, and meats/beans as potential risk factors of acute myeloid leukemia: a Texas case-control study. Nutr Cancer, 65(8), 1132-1140. PMID: 24168094.

Yenson PR, Forrest D, Schmiegelow K, and Dalal BI. 2008. Azathioprine-associated acute myeloid leukemia in a patient with Crohn's disease and thiopurine S-methyltransferase deficiency. Am J Hematol, 83(1), 80-83. PMID: 17696202.

Yoshinaga S, Mabuchi K, Sigurdson AJ, Doody MM, and Ron E. 2004. Cancer risks among radiologists and radiologic technologists: review of epidemiologic studies. Radiology, 233(2), 313-321. PMID: 15375227.

Zablotska LB, Bazyka D, Lubin JH et al. 2013. Radiation and the risk of chronic lymphocytic and other leukemias among chornobyl cleanup workers. Environ Health Perspect, 121(1), 59-65. PMCID: PMC3553431.

Zablotska LB, Lane RS, Frost SE, and Thompson PA. 2014. Leukemia, lymphoma and multiple myeloma mortality (1950-1999) and incidence (1969-1999) in the Eldorado uranium workers cohort. Environ Res, 130, 43-50. PMCID: PMC4002578.

Zeichner SB, and Arellano ML. 2015. Secondary Adult Acute Myeloid Leukemia: a Review of Our Evolving Understanding of a Complex Disease Process. Curr Treat Options Oncol, 16(8), 37. PMID: 26143266.

Zhang L, Tang X, Rothman N et al. 2010. Occupational exposure to formaldehyde, hematotoxicity, and leukemia-specific chromosome changes in cultured myeloid progenitor cells. Cancer Epidemiol Biomarkers Prev, 19(1), 80-88. PMCID: PMC2974570.

Zhang Y, Kim C, and Zheng T. 2012. Hair dye use and risk of human cancer. Front Biosci (Elite Ed), 4, 516-528. PMID: 22201892.

Zheng W, Linet MS, Shu XO et al. 1993. Prior medical conditions and the risk of adult leukemia in Shanghai, People's Republic of China. Cancer Causes Control, 4(4), 361-368. PMID: 8347786.

Zhou J, Eksioglu EA, Fortenbery NR et al. 2011. Bone marrow mononuclear cells up-regulate toll-like receptor expression and produce inflammatory mediators in response to cigarette smoke extract. PLoS One, 6(6), e21173. PMCID: PMC3126797.