

McMichael AJ, Woodruff RE, Hales S. Climate change and human health: present and future risks. *Lancet* 367:859, 2006. [A slightly older but still relevant assessment of the likely impact of climate change on human health.]

Environmental Chemicals

Casals-Casas C, Desvergne B. Endocrine disruptors: from endocrine to metabolic disruption. *Annu Rev Phys* 73:135, 2011. [An update discussing the scope and possible consequences of human exposure to this class of chemical.]

Centers for Disease Control and Prevention: Third National Report on Human Exposure to Environmental Chemicals, 2005. [A survey of environmental chemicals, with comments on exposure and health risk trends.]

Air Pollution

McCreanor J, et al: Respiratory effects of exposure to diesel traffic in persons with asthma. *N Engl J Med* 357:2348, 2007. [A paper discussing the danger of particulates in diesel exhaust to patients with asthma.]

Mills NL, et al: Ischemic and thrombotic effects of dilute diesel-exhaust inhalation in men with coronary heart disease. *N Engl J Med* 357:1075, 2007. [A paper discussing the interaction of exhaust particulates and atherosclerotic heart disease.]

Pope CA, Ezzati M, Dockery DW: Fine-particulate air pollution and life expectancy in the United States. *N Engl J Med* 360:376, 2009. [A paper correlating increases in life expectancy in major U.S. cities with decreases in fine-particulate air pollution.]

Toxic Metals

Bellinger DC: Lead. *Pediatrics* 113:1016, 2004. [A comprehensive overview of lead toxicity.]

Clarkson TW, Magos L, Myers GJ: The toxicology of mercury – current exposures and clinical manifestations. *N Engl J Med* 349:1731, 2003. [An older but still relevant overview of the subject.]

Tobacco and Alcohol

Boffetta P, Hecht S, Gray N, et al: Smokeless tobacco and cancer. *Lancet Oncol* 9:667, 2009. [A review of cancer risks associated with smokeless tobacco worldwide.]

Seitz HK, Stickel F: Molecular mechanisms of alcohol-mediated carcinogenesis. *Nat Rev Cancer* 7:599, 2007. [A review of the multifactorial effects of alcohol that may contribute to cancer development.]

Radiation

Brenner DJ, Hall EJ: Computed tomography – an increasing source of radiation exposure. *N Engl J Med* 357:2277, 2007. [A paper highlighting the increasing exposure of patients to imaging-related radiation.]

Matthew JD, et al: Cancer risk in 680,000 people exposed to computed tomography scans in childhood or adolescence: data linkage study

of 11 million Australians. *BMJ* 346:f2360, 2013. [A recent paper showing that children who have undergone CT scans have a 24% increased risk of cancer, adding to accruing evidence that CT scans increase the risk of secondary cancers in children and adolescents.]

Stone HB, et al: Effects of radiation on normal tissue: consequences and mechanisms. *Lancet Oncol* 4:529, 2003. [A discussion of the deleterious effects of radiation on tissues and cells.]

Estrogens and Progestins

Manson JE, Hsia J, Johnson KC, et al: Estrogen plus progestin and the risk of coronary heart disease. *N Engl J Med* 349:523, 2003. [A landmark study from the Women's Health Initiative.]

Ravdin PM, Cronin KA, Howlader N, et al: The decrease in breast cancer incidence in 2003 in the United States. *N Engl J Med* 356:1670, 2007. [An paper documenting the decrease in breast cancer that followed its linkage to MHT.]

Hormones and Nutritional Disorders

Hollick MF: Vitamin D deficiency. *N Engl J Med* 357:266, 2007. [A comprehensive review of vitamin D deficiency.]

Tang X-H, Gudas LJ: Retinoids, retinoic acid receptors, and cancer. *Annu Rev Pathol* 6:345, 2011. [A review of the role of retinoids in cancer, with a focus on solid tumors.]

Obesity and Metabolic Syndrome

Froguel P, Blakemore AIF: The power of the extreme in elucidating obesity. *N Engl J Med* 359:891, 2008. [A discussion of the implications of rare obesity genes for understanding typical sporadic obesity.]

Gregor MF, Hotamisligil GS: Inflammatory mechanisms in obesity. *Annu Rev Immunol* 29:445, 2011. [A concise discussion of current views of the pro-inflammatory state associated with obesity.]

Jornayvaz FR, Samuel VT, Shulman GI: The role of muscle insulin resistance in the pathogenesis of atherogenic dyslipidemia and nonalcoholic fatty liver disease associated with the metabolic syndrome. *Annu Rev Nutr* 30:273, 2010. [A discussion of the metabolic syndrome from the perspective of the role of insulin resistance in skeletal muscle.]

Roberts DL, Dive C, Renehan AG: Biological mechanisms linking obesity and cancer risk: new perspectives. *Annu Rev Med* 61:301, 2010. [A discussion of the possible interactions between obesity and cancer.]

Suzuki K, Simpson KA, Minnion JS, et al: The role of gut hormones and the hypothalamus in appetite regulation. *Endocr J* 57:359, 2010. [A review of the interplay between the gut and the hypothalamus in regulating food consumption.]

Tilg H, Kaser A: Gut microbiome, obesity, and metabolic dysfunction. *J Clin Invest* 121:2126, 2011. [A review discussing the evidence, for and against, of a role for the gut microbiome in the metabolic syndrome.]