

References for Module 4

Immunity over inability: The spontaneous regression of cancer, Thomas Jessy, J Nat Sci Biol Med. 2011 Jan-Jun; 2(1): 43–49

Cancer immunoediting from immune surveillance to immune escape, Ryungsa, Kim et al, Immunology. 2007 May; 121(1): 1–14

Easton DF. How many more breast cancer predisposition genes are there? Breast Cancer Research 1999; 1(1):14–17. [PubMed Abstract]

Campeau PM, Foulkes WD, Tischkowitz MD. Hereditary breast cancer: New genetic developments, new therapeutic avenues. Human Genetics 2008; 124(1):31–42.

Pal T, Permuth-Wey J, Betts JA, et al. BRCA1 and BRCA2 mutations account for a large proportion of ovarian carcinoma cases. Cancer 2005; 104(12):2807–16.

Howlader N, Noone AM, Krapcho M, et al. (eds). SEER Cancer Statistics Review, 1975–2011, National Cancer Institute. Bethesda, MD, http://seer.cancer.gov/csr/1975_2011/, based on November 2013 SEER data submission, posted to the SEER web site, April 2014.

Antoniou A, Pharoah PD, Narod S, et al. Average risks of breast and ovarian cancer associated with BRCA1 or BRCA2 mutations detected in case series unselected for family history: A combined analysis of 22 studies. American Journal of Human Genetics 2003; 72(5):1117–1130.

Chen S, Parmigiani G. Meta-analysis of BRCA1 and BRCA2 penetrance. Journal of Clinical Oncology 2007; 25(11):1329–1333.

Brose MS, Rebbeck TR, Calzone KA, et al. Cancer risk estimates for BRCA1 mutation carriers identified in a risk evaluation program. Journal of the National Cancer Institute 2002; 94(18):1365–1372.

Finch A, Beiner M, Lubinski J, et al. Salpingo-oophorectomy and the risk of ovarian, fallopian tube, and peritoneal cancers in women with a BRCA1 or BRCA2 mutation. JAMA 2006; 296(2):185–192.

Tai YC, Domchek S, Parmigiani G, Chen S. Breast cancer risk among male BRCA1 and BRCA2 mutation carriers. Journal of the National Cancer Institute 2007; 99(23):1811–1814.

Levy-Lahad E, Friedman E. Cancer risks among BRCA1 and BRCA2 mutation carriers. British Journal of Cancer 2007; 96(1):11–15.

Ferrone CR, Levine DA, Tang LH, et al. BRCA germline mutations in Jewish patients with pancreatic adenocarcinoma. Journal of Clinical Oncology 2009; 27(3):433–438.

Howlett NG, Taniguchi T, Olson S, et al. Biallelic inactivation of BRCA2 in Fanconi anemia. Science 2002; 297(5581):606–609.

Alter BP. Fanconi anemia and the development of leukemia. Best practice & research. Clinical Haematology 2014; 27(3-4):214–21.

Sawyer SL, Tian L, Kähkönen M, et al. Biallelic mutations in BRCA1 cause a new Fanconi anemia subtype. Cancer Discovery 2015; 5(2):135–142.

Insulin and cancer, Boyd DB, Integr Cancer Ther. 2003 Dec;2(4):315-29

Hypothyroidism and hyperthyroidism and breast cancer risk: a nationwide cohort study, Mette S gaard et al, Eur J Endocrinol April 1, 2016 174 409-414

The Role of Thyroid Hormones as Inductors of Oxidative Stress and Neurodegeneration, I. Villanueva, C et al, Oxidative Medicine and Cellular Longevity Volume 2013 (2013), Article ID 218145, 15 pages

The effect of hypothyroidism, hyperthyroidism, and their treatment on parameters of oxidative stress and antioxidant status. Erdamar H et al, Clin Chem Lab Med. 2008;46(7):1004-10

Oxidative stress, inflammation, and cancer: How are they linked?, Simone Reuter et al, Free Radic Biol Med. 2010 Dec 1; 49(11): 1603–1616

Impact of stress on cancer metastasis, Myrthala Moreno-Smith, Future Oncol. 2010 Dec; 6(12): 1863–1881.

Prebiotics: a potential treatment strategy for the chemotherapy-damaged gut?Wang H1, Geier MS, Howarth GS. Crit Rev Food Sci Nutr. 2014 Aug 27.

Modulation of Aromatase Activity by Diet Polyphenolic Compounds, J Agric Food Chem. 2006 May 17;54(10):3535-40. Ros rio Monteiro,* Isabel Azevedo,† Concei  o Calhau† of Biochemistry (U38-FCT), Faculty of Medicine, University of Porto, 4200-319 Porto, Portugal.

Selective estrogen-receptor modulators -- mechanisms of action and application to clinical practice, Riggs BL, Hartmann LC. N Engl J Med. 2003 Mar 20;348(12):1192

Probiotics in man and animals, Fuller R1, J Appl Bacteriol. 1989 May;66(5):365-78.

The effects of short-chain fatty acids on human colon cancer cell phenotype are associated with histone hyperacetylation. Hinnebusch BF et al, J Nutr. 2002 May;132(5):1012-7

The role of short-chain fatty acids in the interplay between diet, gut microbiota, and host energy metabolism, Gijs den Besten et al, J Lipid Res. 2013 Sep; 54(9): 2325–2340

Role of estrogen receptor beta in estrogen action. Pettersson K1, Gustafsson, JA. Annu Rev Physiol. 2001;63:165-92

Estrogen receptor alpha in human breast cancer: occurrence and significance, Ali S et al, J Mammary Gland Biol Neoplasia. 2000 Jul;5(3):271-81

Phytoestrogens induce differential estrogen receptor alpha- or Beta-mediated responses in transfected breast cancer cells, Harris DM et al, Exp Biol Med (Maywood). 2005 Sep;230(8):558-68

Declining estrogen receptor-beta expression defines malignant progression of human breast neoplasia Shaaban AM, O'Neill PA, Davies MP, Sibson R, West CR, Smith PH, Foster CS.. Am J Surg Pathol. 2003 Dec;27(12):1502-12.

Phytoestrogens and Breast Cancer Prevention:Possible Mechanisms of Action, Mense SM, Hei TK, Ganju RK, Bhat HK.. Environ Health Perspect. 2008 April; 116(4): 426-433.

Isoflavones made simple - genistein's agonist activity for the beta-type estrogen receptor mediates their health benefits., McCarty MF. Med Hypotheses. 2006;66(6):1093-114. Epub 2006 Mar 2.

Soy consumption and prostate cancer risk in men: a revisit of a meta-analysis. Yan L., Spitznagel E.L., Am J Clin Nutr. 89:1155-1163 2009

Role of diet in prostate cancer development and progression Chan J.M. et al, (2005). J Clin Oncol. 23:8152-8160

Urinary estrogen metabolites and prostate cancer: a case-control study and meta-analysis Barba, M. et al. (2009), Journal of Experimental & Clinical Cancer Research: CR, 28(1), 135

Melatonin: Buffering the Immune System, Antonio Carrillo-Vico et al, Int J Mol Sci. 2013 Apr; 14(4): 8638–8683

Melatonin, immune function and aging, V Srinivasan et al, Immun Ageing. 2005; 2: 17

Melatonin-dopamine interactions: from basic neurochemistry to a clinical setting, Zisapel N, Cell Mol Neurobiol. 2001 Dec;21(6):605-16

The what, why and how of aromatase inhibitors: hormonal agents for treatment and prevention of breast cancer, C J Fabian, Int J Clin Pract. 2007 Dec; 61(12): 2051–2063

Natural Products as Aromatase Inhibitors, Marcy J. Balunas et al, Anticancer Agents Med Chem. April 2011

Effect of soy isoflavones on breast cancer recurrence and death for patients receiving adjuvant endocrine therapy, Xinmei Kang, MD PhD et al, CMAJ. 2010 Nov 23; 182(17): 1857–1862

The role of estradiol in male reproductive function. Schulster M et al, Asian J Androl. 2016 May-Jun;18(3):435-40

Estrogen in the adult male reproductive tract: A review, Rex A Hess, Reprod Biol Endocrinol. 2003; 1: 52

Progesterone: the forgotten hormone in men? Oettel M, Mukhopadhyay AK, Aging Male. 2004 Sep;7(3):236-57

Aromatase up-regulation, insulin and raised intracellular oestrogens in men, induce adiposity, metabolic syndrome and prostate disease, via aberrant ER- α and GPER signalling. Williams G, Mol Cell Endocrinol. 2012 Apr 4;351(2):269-78

21. Kraft JR. Detection of diabetes mellitus in situ (occult diabetes). Lab Med. 1975;6(2):20-22.

22. Zhao J, Dasmahapatra AK, Khan SI, Khan IA. Anti-aromatase activity of the constituents from damiana (Turnera diffusa). J Ethnopharmacol. 2008;120(3):387-393.

Alcohol and breast cancer risk defined by estrogen and progesterone receptor status: a case-control study. Deandrea S1 et al, Cancer Epidemiol Biomarkers Prev. 2008 Aug;17(8):202

Sea cucumber extract and extracts of Cyperus and Curcuma. Int J Integr Oncol 2008;2(1):7-15

Yazici G, Sayin M. Role of aromatase inhibitors in glucose intolerance of obese men. *Med Hypotheses*. 2008;71(4):612-613.

Chi TC. Effect of myomin in the expression of aromatase. *Fertil Steril*. 2010.

Brown GA, Vukovich MD, Martini ER, et al. Effects of androstenedione-herbal supplementation on serum sex hormone concentrations in 30- to 59-year-old men. *Int J Vitam Nutr Res*. 2001;71(5):293-301

Chi TT. Myomin: natural aromatase inhibitor for estrogen-related conditions. *Townsend Lett*. 2009. <http://www.thefreelibrary.com/Myomin%3a+natural+aromatase+inhibitor+for+estrogen-related+conditions.-a0213722869>. Accessed September 7, 2010.

Benign prostatic hyperplasia (BPH). (2014, November 13.) Retrieved from <http://www.mayoclinic.org/diseases-conditions/benign-prostatic-hyperplasia/basics/definition/con-20030812>

5-alpha reductase inhibitors and erectile dysfunction: the connection, Erdemir F1, *J Sex Med*. 2008 Dec;5(12):2917-24

The role of dihydrotestosterone in benign prostatic hyperplasia, Carson C 3rd1, Rittmaster R, *Urology*. 2003 Apr;61(4 Suppl 1):2-7

Adverse side effects of 5 α -reductase inhibitors therapy: persistent diminished libido and erectile dysfunction and depression in a subset of patients. Traish AM1 et al, *J Sex Med*. 2011 Mar;8(3):872-84

Phosphodiesterase-5 inhibitors and benign prostatic hyperplasia, Wang C, *Curr Opin Urol*. 2010 Jan;20(1):49-54

The role of phosphodiesterase-5 inhibitors in prostatic inflammation: a review, Christina Alves Peixoto, *J Inflamm (Lond)*. 2015; 12: 54

Dutkewicz S. (Bee Pollen Health Benefits) Usefulness of cernilton in the treatment of benign prostatic hyperplasia (Bee Pollen Health Benefits). *Int Urol Nephrol* 1996; 28(1): 49-53

Elist J. Effects of pollen extract preparation Prostat/Poltit on lower urinary tract symptoms in patients with chronic nonbacterial prostatitis/chronic pelvic pain syndrome: a randomized, double-blind, placebo-controlled study. *Urology* 2006 Jan; 67(1): 60-63

Rugendorff EW et al. Results of treatment with pollen extract (Cernilton N) in chronic prostatitis and prostatodynia. *Br J Urol* 1993 Apr; 71(4): 433-38

Talpur N et al. Comparison of saw palmetto (extract and whole berry) and cernitin on prostate growth in rats. *Mol Cell Biochem* 2003 Aug; 250(1-2): 21-26

Wagenlehner FM et al. Bee Pollen Health Benefits. A pollen extract (Cernilton) in patients with inflammatory chronic prostatitis-chronic pelvic pain syndrome: a multicentre, randomized, prospective, double-blind, placebo-controlled phase 3 study. *Eur Urol* 2009 Sep; 56(3): 544-51

Wilt T et al. Cernilton for benign prostatic hyperplasia. *Cochrane Database Syst Rev* 2000; (2):CD001042

Zinc Supplement Use and Risk of Prostate Cancer, Michael F. Leitzman et al, JNCI J Natl Cancer Inst (2003) 95 (13): 1004-1007

Androgens and estrogens in benign prostatic hyperplasia: past, present and future, Nicholson TM et al, Differentiation. 2011 Nov-Dec;82(4-5):184-99

Plant Sterols as Anticancer Nutrients: Evidence for Their Role in Breast Cancer, Bruce J. Grattan, Jr. Nutrients. 2013 Feb; 5(2): 359–387

Impact of stress on cancer metastasis, Myrthala Moreno-Smith et al, Future Oncol. 2010 Dec; 6(12): 1863–1881

Insulin resistance and prostate cancer risk, Hsing AW et al, J Natl Cancer Inst. 2003 Jan 1;95(1):67-71

), Effects of psychological stress on male fertility, Vinod H. Nargund, Nature Reviews Urology 12, 373–382 (2015

Effect of psychological stress on fertility hormones and seminal quality in male partners of infertile couples, Bhongade MB et al, Andrologia. 2015 Apr;47(3):336-42

Semen characteristics and diabetes mellitus: significance of insulin in male infertility, García-Díez LC et al, Arch Androl. 1991 Mar-Apr;26(2):119-28

Thyroid Function in Male Infertility, Elzbieta Krajewska-Kulak et al, Front Endocrinol (Lausanne). 2013

Nonalcoholic fatty liver disease and alteration in semen quality and reproductive hormones, Li Y1 et al, Eur J Gastroenterol Hepatol. 2015 Sep;27(9):1069-73

Probiotic Microbes Sustain Youthful Serum Testosterone Levels and Testicular Size in Aging Mice, Theofilos Poutahidis et al, PLoS One. 2014; 9(1): e84877

Etiologic factors in testicular germ cell tumors, Katherine A. McGlynn and Michael B. Cook, Future Oncol. 2009 Nov; 5(9): 1389–1402

The effects of the inhalation method using essential oils on blood pressure and stress responses of clients with essential hypertension, Hwang JH1. Taehan Kanho Hakhoe Chi. 2006 Dec;36(7):1123-34.

Alternative Strategies for the Treatment of Classical Congenital Adrenal Hyperplasia: Pitfalls and Promises, Karen J. Loechner et al, Int J Pediatr Endocrinol. 2010; 2010: 670960

Evidence-based efficacy of adaptogens in fatigue, and molecular mechanisms related to their stress-protective activity. Panossian A1, Wikman G, Curr Clin Pharmacol. 2009 Sep;4(3):198-219

An Overview on Ashwagandha: A Rasayana (Rejuvenator) of Ayurveda, Narendra Singh et al, Afr J Tradit Complement Altern Med. 2011

http://www.chiro.org/nutrition/FULL/Adaptogenic_Herbs.shtml

Adaptogens in Mental and Behavioral Disorders, Alexander Panossian, The Psychiatric clinics of North America 36(1):49-64 · March 2013