

References

- Agarwal A, Makker K, Sharma R. 2008. Clinical Relevance of Oxidative Stress in Male Factor Infertility: An Update. *American Journal of Reproductive Immunology* 59 (2008) 2–11.
- Akingbemi BT, 2005. Estrogen regulation of testicular function. *Reproductive Biology and Endocrinology*. 2005, 3:51.
- American Chemical Society (2009, February 20). Soybean Product Fights Abnormal Protein Involved in Alzheimer's Disease. *ScienceDaily*.
- Andersen ML, Tufik S. 2008. The effects of testosterone on sleep and sleep-disordered breathing in men: Its bidirectional interaction with erectile function. *Sleep Medicine Reviews* (2008) 12, 365e379.
- Arroteia KF, Garcia PV, Barbieri MF, Justino ML, Pereira LAV. 2012. The Epididymis: Embryology, Structure, Function and Its Role in Fertilization and Infertility. Embryology – Updates and Highlights on Classic Topics, Prof. Luis Violin Pereira (Ed.) ISBN:978-953-51-0465-0.
- Assinder S, Davis R, Fenwick M, Glover A, 2007, Adult-only exposure of male rats to a diet of high phytoestrogen content increases apoptosis of meiotic and post-meiotic germ cells, *Reproduction*, 133 : 11-19.
- Bourguignon JP and Parent AS. 2010. Early homeostatic disturbances of human growth and maturation by endocrine disrupters. *Current Opinion in Pediatrics* (2010), vol. 22, pp. 470-477.
- Carreau S, Bouraima-Lelong H, Delalande C. 2012. Role of estrogens in spermatogenesis. *Frontiers in Bioscience*. 2012 Jan 1;4:1-11.

Cederroth CR, Auger J, Zimmermann C, Eustache F and Nef S. (2009). Soy, phyto-oestrogens and male reproductive function: a review. *International Journal of Andrology* ISSN 0105-6263.

Clarkson TB, Barnes S, Gold EB, Basaria SS, Aso T, Kronenberg F, Frankenfeld CL, Cline JM, Landgren B-M, Gallagher JC, Weaver CM, Hodis HN, Brinton RD, Maki PM, Setchell KDR, Allmen TI, Messina MJ, Shu XO, Ishimi Y, Wong WW, Kim H. 2011. The Role of Soy Isoflavones in Menopausal Health. Report of The North American Menopause Society/Wulf H. Utian Translational Science Symposium in Chicago. IL. (October 2010).

Cooper JL, Till BJ, Laport RG, Darlow MC, Kleffner JM, Jamai A, El-Mellouki T, Liu S, Ritchie R, Nielsen N, Bilyeu KD, Meksem K, Comai L and Henikoff S. 2008. TILLING to detect induced mutations in soybean. *BMC Plant Biology* 2008, 8:9.

Cvitanich, Cristina., Przybyłowicz, Wojciech J., Mesjasz-Przybyłowicz, Jolanta, Blair, Matthew W., Jensen, Erik., Stougaard, Jens. Iron, zinc, and manganese distribution in mature soybean seeds. The Proceedings of the International Plant Nutrition Colloquium XVI, Department of Plant Sciences, UC Davis, UC Davis, 2009.

Ellis H and Mahadevan V, 2010. *CLINICAL ANATOMY : APPLIED ANATOMY FOR STUDENTS AND JUNIOR DOCTORS*. Twelfth Edition. A John Wiley & Sons, Ltd., Publication. p-126.

Fernandez-Balsells MM, Murad MH, Lane M, Lampropulos JF, Albuquerque F, Mullan RJ, Agrwal N, Elamin MB, Gallegos-Orozco JF, Wang AT, Erwin PJ, Bhasin S, and Montori VM. 2010. Adverse Effects of Testosterone Therapy in

Adult Men: A Systematic Review and Meta-Analysis. *The Journal of Clinical Endocrinology & Metabolism* June 2010, 95(6):2560–2575.

Guerrero-Bosagna CM, and Skinner MK. 2009. Epigenetic Transgenerational Effects of Endocrine Disruptors on Male Reproduction. *Semin Reprod Med.* 2009 September ; 27(5): 403–408. doi:10.1055/s-0029-1237428.

Jockenhovel F, Minnemann T, Schubert M, Freude S, Hubler D, Schumann C, Christoph A and Ernst M. 2009. Comparison of long-acting testosterone undecanoate formulation versus testosterone enanthate on sexual function and mood in hypogonadal men. *European Journal of Endocrinology* (2009) 160 815–819.

Johnson C. 2011. Introduction to Stereology. MicroBrightField, Inc. Williston, VT.

Jung EY, Lee BJ, Yung YW, Kang JK, Baek IJ, Yon JM, Lee YB, Sohn HS, Lee JY, Kim KS, Yu WJ, Do JC, Kim YC, Nam SY. 2004. Effects of Exposure to Genistein and Estradiol on Reproductive Development in Immature Male Mice Weaned from Dams Adapted to A Soy-based Commercial Diet. *Toxicology*.

Kalaiselvan V, Kalaivani M, Vijayakumar A, Sureshkumar K, Venkateskumar K. 2010. Current knowledge and future direction of research on soy isoflavones as a therapeutic agents. *Pharmacology Review* 2010;4;111-7.

Kasturi SS, Tannir J, and Brannigan RE. 2008. The Metabolic Syndrome and Male Infertility. *Journal of Andrology*, Vol. 29, No. 3, May/June 2008.

Kemp WL, Burns DK, Brown TG. 2008. The Big Picture : Pathology. First Edition. The McGraw-Hill Companies, Inc. p-1.

Kocak I, Dundar M, Culhaci N. (2001). Epididymal changes associated with cryptorchidism in rats. *Asian J Androl* 2001 Dec; 3: 277-280.

Kumar, Abbas, Fausto, Aster. 2010. Robbins and Cotran Pathologic Basic of Disease. Eight Edition. SAUNDERS ELSEVIER, 1600 John F. Kennedy Blvd.Ste 1800, Philadelphia, PA 19103-2899.

Lazari MFM, Lucas TFG, Yasuhara F, Oliveira Gomes GRO, Siu ER, Royer C, Fernandes SAF, Porto CS. 2009. Estrogen receptors and function in the male reproductive system. *Arq Bras Endocrinol Metab* vol.53 no.8 São Paulo Nov. 2009.

Lee BJ, Jung EY, Yung YW, Kang JK, Baek IJ, Yon JM, Lee YB, Sohn HS, Lee JY, Kim KS, Nam SY. 2004. Effects of Exposure to Genistein during Pubertal Development on the Reproductive System of Male Mice. *Journal of Reproduction and Development*, Vol. 50, No.4,2004.

Llewellyn BD. 2013. How to Prepare Histology Slides. (<http://www.ivy-rose.co.uk/HumanBody/Histology/How-to-Prepare-Histology-Slides.php>, accessed on 19th April,2013).

Mader SS. 2004. *Understanding Human Anatomy & Physiology*. Fifth Edition. The McGraw-Hill Companies p-345.

Makker K, Agarwal A & Sharma R. Oxidative stress & male infertility. *Indian J Med Res* 129, April 2009, pp 357-367.

Marini H, Bitto A, Altavilla D, Burnett BP, Polito F, Stefano VD, Minutoli L, Atteritano M, Levy RM, D'Anna R, Frisina N, Mazzaferro S, Cancellieri F, Cannata ML, Corrado F, Frisina A, Adamo V, Lubrano C, Sansotta C, Marini R, Adamo EB, and Squadrito F. 2008. Breast Safety and Efficacy of Genistein Aglycone for

Postmenopausal Bone Loss: A Follow-Up Study. *The Journal of Clinical Endocrinology & Metabolism*, December 2008, 93(12):4787–4796.

Messina M, McCaskill-Stevens W, Lampe JW. 2006. Addressing the Soy and Breast Cancer Relationship: Review, Commentary, and Workshop Proceedings. *Journal of the National Cancer Institute*, Vol. 98, No. 18, September 20, 2006.

Messina MJ and Wood CE, 2008. Soy isoflavones, estrogen therapy, and breast cancer risk: analysis and commentary. *Nutrition Journal* 2008, 7:17.

Messina M. 2010. A Brief Historical Overview of the Past Two Decades of Soy and Isoflavone Research. *The Journal of Nutrition* 140: 1350S–1354S, 2010.

Montani C, Penza M, Jeremic M, Biasiotto G, Sala GL, Felici MD, Ciana P, Maggi A, and Lorenzo DD. (2008). Genistein is an Efficient Estrogen in the Whole-Body throughout Mouse Development. *TOXICOLOGICAL SCIENCES* 103(1), 57–67 (2008).

O'Donnell L, Robertson KM, Jones ME and Simpson ER. 2001. Estrogen and Spermatogenesis. *Endocrine Reviews* June 1, 2001 vol. 22 no. 3 289-318.

Parkin I, Logan BM, McCarthy MJ. 2007. *CORE ANATOMY ILLUSTRATED*. First Edition. Hodder Arnold. London. p-114.

Poongothai J, Gopenath T S, Manonayaki S. 2009. Genetics of human male infertility. *Singapore Med J* 2009; 50(4) : 336.

Qiu LJ and Chang RZ. 2010. *The Soybean: Botany, Production and Uses*. AMA DataSet Ltd, UK p-31.

Riede UN, Werner M. 2004. Color Atlas of Pathology : Pathologic Principles, Associated Diseases, Sequela. First Edition. Thieme Verlag Rüdigerstraße 14, D-70469 Stuttgart, Germany. p-12.

Robaire B, Hinton BT, Orgebin-Crist M-C. 2006. Knobil and Neill's Physiology of Reproduction, Third Edition. Elsevier,p-1076.

Roberts ML, Buchanan KL, Evans MR, Marin RH and Satterlee DG. 2009. *The effects of testosterone on immune function in quail selected for divergent plasma corticosterone response. The Journal of Experimental Biology* July 2009 212, 3125-3131.

Sherwood L. 2006. Fundamentals of Physiology : A Human Perspective. Thrid Edition. Thomson Higher Education, 10 Davis Drive, Belmont, CA 94002-3098,USA. p-588.

Shu X.O, Zheng Y, Cai Hui, Gu K, Chen Z, Zheng W. 2009. Soy Food Intake and Breast Cancer Survival. National Institute of Health, JAMA. 2009 December 9; 302(22): 2437–2443.

Srinivas-Shankar U, Frederick C.W. Wu. 2009. *Frailty and Muscle Function: Role for Testosterone? Advances in the Management of Testosterone Deficiency.* Front Horm Res. Basel, Karger, 2009, vol 37, pp 133–149.

Studart, Dominic. Spermatogenesis. (<http://www.fastbleep.com/biology-notes/32/159/858> accessed on 29th April 2013).

Tortora GJ and Derrickson B. 2010. Introduction to the Human Body : the essentials of anatomy and physiology. Eighth Edition. John Wiley & Sons, Inc., 605 Third Avenue, New York, p-571.

Vandenberg LN, Maffini MV, Sonnenschein C, Rubin BS, and Soto AM. 2009.

Bisphenol-A and the Great Divide: A Review of controversies in the Field of Endocrine Disruption. *Endocrine Reviews* 30: 75–95, 2009.

Weber KS, Setchell KDR, Stocco DM & Lephart ED. 2001. Dietary soy-phytoestrogens decrease testosterone levels and prostate weight without altering LH, prostate 5 alpha-reductase or steroid actue regulatory peptide levels in adult male Sprague–Dawley rats. *Journal of Endocrinology* 170 591–599.

Wilhelm D, Koopman P. 2006. The makings of maleness: towards an integrated view of male sexual development. *Nature Reviews Genetics* 7, 620-631 (August 2006).

Yang ZW, Kong LS, Guo Y, Yin JQ, Mills N. 2006. Histological Changes of the Testis and Epididymis in Adult Rats as a Result of Leydig Cell Destruction After Ethane Dimethane Sulfonate Treatment: A Morphometric Study. *Asian J Androl* 2006; 8 (3): 289–299.

Yildiz, Fatih. 2005. *Phytoestrogens in Functional Foods*. Taylor & Francis Ltd. pp. 3–5, 210–211.