

DAFTAR PUSTAKA

- Agarwal, A, Gupta, S, Sharma, R. 2005. *Oxidative Stress and its Implications in Female Infertility a Clinican's Perspective*. Reproductive BioMedicine Online Vol 11 No 5 pages 641 - 650
- Alireza.A, Raheleh.S, Abbas. R, Mojgan. M, Mohamadreza. M, Gholamreza, M. at al. 2008. *An Imunohistochemistry Study of Tissue Bcl-2 Expression and Its Serum Levels in Breast Cancer Patients*. Ann. N.Y. Acad. Sci. 1138 : 114 – 120
- Allan, C.M, Wang.Y, Jimenez. M, Marshan. B, Spalviero. J, Ilingworth. P. 2006. *Follicle Stimulating Hormone Increase Primordial Follicles mature Female Hypogonadal Mice*. Journal of Endocrinology 188. 549 – 557
- Amir, A. 2014. *Ekspresi Gen Family Bcl-2 dan Ekspresi Gen Protein Kanal Ion Vdac 1 pada Oligozoospermia*. Jurnal Kesehatan Andalas. 2014 : 3 (2)
- Anwar, R. 2005. *Morfologi dan Fungsi Ovarium*. Subbagian Fertilitas dan Endokrinologi Reproduksi Bagian Obstetri dan Ginekologi Fakultas Kedokteran UNPAD Bandung
- Arikunto, S. 2006. *Prosedur Penelitian Suatu Pendekatan Praktik*. Jakarta : PT Rineke Cipta
- Attesahin, A, Yilmaz,S, Karahan, I, Pirincci, I, Tasdemir, B. 2005. *The Effects of Vitamin E and Selenium on Cypermethrin – Induce Oxidative Stress in Rats*. Turk J Vet Anim Sci 29 (2005) 385 – 391
- Auerkari, A,E, 2001. *Aspek Molekuler Apoptosis : Peran Keluarga Bcl-2 dan Keluarga Caspase*. Jurnal Kedokteran Gigi Universitas Indonesia (JKGUI) : 8 (3) : 51 – 56
- Bancroft, J.D. 2008. *Theory and Practice of Histological Techniques 6th Edition*. Churchill Livingstone Elseiver. Pp 83
- Bishop, C.V, Xu Fuhua, Xu Jing, Ting Y. A, Galbreath. E, McGee. W.K.,2015. *Western style Diet, With and Without Chronic Androgen Treatment, Alters The Number, Structure, And Function of Small Antral Follicles In Ovaries of Young Adult Monkey*. Vol 105 Issue 4 pages 1023 – 1034
- Bolognesi, C and Merlo, FD.2011. *Pesticides : Human Health Effects*. National Cancer Research Institute Genoa, Italy
- BPOM RI, 2014. *Peraturan Kepala BPOM RI Nomor 7 tahun 2014 tentang Pedoman Uji Toksisitas Nonklinik Secara In Vivo*. Hal : 8

- Bretveld,R.W, Thomas, C.M.G, Scheepers, P.T.J, Zielhuis, G.A dan Roeveld, N. 2006. *Pesticide Exposure : The Hormonal Function of the Female Reproductive System Disrupted ?* Biology and Endocrinology 4:30 doi 10.186/1477.7827.4.30
- Broeman, F.J dan Fauser B.C.J.M. 2016. Female Infertility : Evaluation and Management. Chapter 132
- Brundage, Katheleen M, Barnett, John B. 2010. *Immunotoxicity Pesticides*, West Virginia University School of Medicine, Morgantown, West Virginia pages 483 – 497
- Chao,D.T, and Krosmeyer, S.J. 1998. *Bcl-2 Family Regulator of Cell Death*. Annu Rev. Immunol 16 : 395 – 419
- Chen.L, Xu Peng, Diao. J, Di Shanshan, Li Ruiting, Zhou. Z., 2015. *Distribution, Metabolism and Toxic Effects of Beta Cypermethrin in Lizards (Eremias argus) Following Oral Administration*. Journal of Hazardous Materials 306 (2016) 87 – 94
- Ciohina, L.P, Pacala, N, Dumitrescu, G. 2012. *Mechanisms of Apoptosis in the Ovary*. Animal Science and Biotechnologies, 2012, 45 (2)
- Das, T, Pradhan, A, Ghosh,R, Paramanik, A, Chondhury, S.M,. 2016. *Effects of Exposure to Cypermethrin on the Onset of Puberty and Ovarian Biomarkers in Female Prepubertal Rat Attenuating Role of Zinc*. Dx.doi.org/10.17140/TFMOJ – 1 – 106
- Devies, T,G,E, Fied,L, M, Usherwood,P, N,R and Williamson, M, S. 2007. *Pyrethrins, Pyretroid and Insect Sodium Channels*. IUBMB Life, 59 (3) : 151 – 162
- Elmore, S. 2007. *Apoptosis : A Review of Programmed Cell Death*. Toxicologi Pathology, 35 : 495 - 516
- Erickson, G.F. *Follicle Growth and Development*. Vol 5 Chap 12. Proffesor of Reproductive Medicine, University of California, San Diego, School of Medicine, La Jolla, California
- Filali, M, Frydan,N, Belot, MP, Hester,L, Gaudin, F, Tachdjian, G, Emilie, D, Frydman, R, Machelon, V. 2009. *Oocyte in Vitro Maturation : Bcl-2 mRNA Content in Cumulus Cells Reflects Oocyte Competency*. Vol 19. Suppl, 4 2009 Reproductive BioMedicine Online
- Hadi, R.S. 2011. *Mekanisme Apoptosis pada Regulasi Sel Luteal*. Majalah Kesehatan PharmaMedika, Vo; 3, No. 1
- Hasan, M.Iqbal. 2012. *Pokok-Pokok Materi Statistik 2 (Statistik Inferensial)*. (Edisi kedua, cetakan ketujuh). Jakarta: Bumi Aksara.

- Heffner, L.J and Schust, D.J. 2006. *At a Glance Sistem Reproduksi*. Edisi Kedua. Jakarta : Erlangga.
- Hudaya, A dan Jayanti Hadis. 2012. *Pengelompokan Pestisida Berdasarkan Cara Kerjanya*, Yayasan Bina Tani Sejahtera. Bandung
- Hussein, M.R. 2005. *Apoptosis in the Ovary : Molecular Mechanisms*. Human Reproduction Update, Vol. 11, No 2 pp. 162 – 178
- Hutt, K.J.. 2007. *Review An Oocentric View of Folliculogenesis and Embryogenesis*. Reproductive Biomedicine Vol 14 No. 6. 758 – 764
- Iyer, P, Makris, S. 2010. *Chapter 12 Developmental and Reproductive Toxicology of Pesticides*. Hayes' Handbook of Pesticides Toxicology (Third Edition) Pages 381– 440
- Jaansson, A. 2015. *Pheromonal Mediated Behavior and Endocrine Responses in Salmonids The Impact of Cypermethrin, Copper, and Glyphosate*. ISBN 978-91-554-7772-1
- Jin, Y, Zheng S, Pu Y, Shu L, Sun L, Liu W, Fu Z. 2011. *Cypermethrin has the Potential to Induce Hepatic Oxidative Stress, DNA Damage and Apoptosis in Adult Zebrafish*. Chemosphere 82 (2011) 398 – 404
- Khatab, AE, Neshem, NM, Kodary, LM El, Lotfy, FM and Hassan, GA. 2016. *Evaluation of the Effects of Cypermethrin on Female Reproductive Function by Using Rabbit Model and of the Protective Role of Chinese Propolis*. Biomed Environ Sci, 2016, 29 (10) : 762 – 766
- Kiyama, R dan Kiyama, Y.W. 2015. *Estrogenic Endocrine Disruptors : Molecular Mechanisms of Action*. Environmental International 83 (2015) 11 – 40
- Koolhas, J.M.2010. *The Laboratory Rat. The UFAW Handbook the Care and Management of Laboratory and Other Research Animals*, Eight Edition (pp 311 – 326)
- Kusumawati, D. 2004. *Bersahabat dengan Hewan Coba*. Yogjakarta : Gajah Mada University.Press
- Lasley, W. 2014. *Reproductive System, Female*. Center for Health and the Environment. Pages 70 – 80
- Maden, E, Van der, Gordjin F, Wulansari,,M, Koomen,I, 2015 . *Panduan Pelatihan Paparan Pestisida di Ladang dan Pengaruh Pestisida Terhadap Kesehatan*. VegImpact
- Madu, E.P. 2015. *Teratogenic and Embryotoxic Effects of Orally Administered Cypermethrin in Pregnant Albino Rats*. Academic Journals Vol 7 (7), pp 60 – 67

- Mnif, Wissem, 2011. *Effect of Endocrine Disruptor Pesticides : A Review*. Int. J. Environ Res Public Health 2011, 8, 2265 – 2303
- Molavi,M, Razi,M, Malekinej,H, Amniattalab, A, Rezaie,H. 2014. *Vitamin E Improved Cypermethrin Induced Damage In The Ovary Rats Evidence For Angiogenesis And P53 Involvement*. Pesticide Biochemistry and Physiology 110 (2014) 27-35
- Morita, Y dan Tilly J.I. 1999. *Review Oocyte Apoptosis : Like Sand Through an Hourglass*. Developmental Biology. 212. 1 – 17
- Mukadam, M. and Kulkarni, A. 2014. *Cypermethrin induced Histopathological alteration in Female Gonad of Estuarine Clam, Katelysia opima (Gmelin)*. ISSN : 2347 – 3215 Volume 2 Number 9 (September 2014) pp 33 – 38
- Nagata, S. 1997. *Apoptosis by Death Factor Cell*. Volume 88. 355 – 365
- Neghab. M, Fard..M.M, Naziaghdam.R, Salashour. N, Kazemi. M, Alipour.H. 2014. *The Effects of Exposure to Pesticides on the Fecundity Status of Farm Workers Resident in a Rural Region of Fars Province, Southern Iran*. Asian Pacific Journal of Tropical Biomedicine 2014: 4 (4) : 324 – 328
- Ningsih, Y.J dan Farich,A. 2016. *Determinan Kejadian Infertilitas Pria di Kabupaten Tulang Bawang*. Jurnal Kesehatan, Volume VII, Nomor 2, hlm 242 – 249
- Npic. 1998. *Cypermethrin*. National Pesticide Information Center. Oregon State University Environmental and Molecular Toxicology
- Oktarina, A, Abadi,A, Bachsin, R. 2014. *Faktor – faktor yang Mempengaruhi Infertilitas pada Wanita di Klinik Fertilitas Endokronologi Reproduksi*. MKS, Th 46, No. 4, Oktober 2014
- OpenStax College. 2014. *Anatomy and Physiology of the Female Reproductive System*. Version 1,5 : Jul 16, 2014.
- Pertiwi, G. 2006. *Modul Dampak Pestisida Terhadap Kesehatan dan Lingkungan..* PAN.Solo
- Queiroz, E.K.R dan Waissmann, W. 2006. *Occupational Exposure and Effects on the Male Reproductive System*. Cad. Saude Publica, Rio de Janeiro, 22(3) : 485 – 493
- Roupa. Z , Polikandroti, M, Sotiropoulou, P, Faros, E, Koulouri, A, Wozniak, G, 2009. *Causes of Infertility in Women at Reproductive Age*. Health Science Journal Volume 3, Issue 2 pp 80 – 87
- Sailenfait, A.M, Ndiaye, D, Sabate, J.P. 2015. *Pyrethroids : Exposure and Health Effects – An Update*. International Journal of Hygiene and Environmental Health 218 (2015) 281 - 292

- Sangha, G.K, Kaur, K, and Khera, K.S. 2013. *Cypermethrin Induced Pathological and Biochemical Changes In Reproductive Organs of Female Rats*. Journal of Environmental Biology, Vol 34, 99 – 105
- Santoso, Singgih. 2005. *Mengolah Data Statistik Secara Profesional*. Jakarta: Elex Media Komputindo Gramedia
- Santoso,S. 2005. *Menguasai Statistik di Era Informasi dengan SPSS 12*. Jakarta : PT Elex Media Komputindo
- Saraswati, A. 2015. *Infertility*. J Majority Volume 4 Nomer 5 Februari 2015
- Shrestha, J, Shanbhag, T, Shenoy,S, Amuthan, A, Prabhu, K, Sharma, S, *et al*. 2010. *Antiovulatory and Abortifacient Effects of Areca Catechu (Betel Nut) in Female Rats*. Indian J Pharmacol. Vol 42 Issue 5 pp 306 – 311
- Singh, A.K, Tiwari, M.N, Prakash,O, Singh,M.P. 2012. *A Curent Review of Cypermethrin-Induced Neurotoxicity and Nigrostriatal Dopaminergic Neurodegeneration*. Curr Neurooharmacol 12012 Mar, 10(1) : 64 – 71
- Siregar, S. 2015. *Statistik Parametrik Untuk Penelitian Kuantitatif*. Jakarta : PT Bumi Angkara
- Solati.J, Hajikhani.R, dan Zaeim. R.T. 2010. *Effects of Cypermethrin on Sexual Behavior and Plasma Concentrations of Pituitary-Gonadal Hormones*. Royan Institute International Journal of Fertility and Sterility Vol 4, Apr – Jun 2010, pages : 23 – 28
- Suckow, M.A, Weisbroth, S.H, Franklin, C.L. 2005. *The Laboratory Rat Second Edition*. Elsevier: London
- Sulistyono,L. 2004. *Dilema Penggunaan Pestisida dalam Sistem Pertanian Tanaman Holtikultura di Indonesia*. PPS702. Sekolah Pasca Sarjana/ S3 Institut Pertanian Bogor.
- Taju, G, Majeed,A, Nambi, K.S.N, Farook,M.A, Vimal, S, Hameed, S. 2014. *In vitro Cytotoxic, Genotoxic and Oxidative Stress of Cypermethrin on Five Fish Cell Lines*. Pesticide Biochemistry and Physiology 113 (2014) 15 – 24
- Ujvary Istvan.2010. *Pest Control Agents from Natural Product. Hayes Handbook of Pesticide Toxicology (Third Edition)* 2010. Pages : 119 – 229
- Vinerean, H.V. Rats- Biology and Husbandry. Laboratory Animal Research Attending Veterinarian
- Westwood, F.R. 2008. The Female Rat Reproductive Cycle : A Practical Histological Guide to Staging. Toxicology Pathology, 36 : 375 – 384
- Willingham, M.C. 1999. *Cytochemical Methods for Detection of Apoptosis*, J,H.C. 47: 1101 – 1110

Zainuddin, M. 2011. *Metodologi Penelitian*. Surabaya: Unair Press.

Zama, A.M dan Uzumcu, M. 2010. *Epigenetic Effects of Endocrine – Disrupting Chemicals on Reproduction : An Ovarian Perspective*. Frontiers in Neuroendocrinology 31 : 420 – 439