

DAFTAR PUSTAKA

- Agarwal, A., F. Deepinder, R.K. Sharma, G. Ranga, dan J. Li. 2008. Effect of Cell Phone Usage on Semen Analysis in Men Attending Infertility Clinic: An Observasional Study. *American Soc for Repro Med* 89(1): 124-9.
- Al-Damegh, M.A. 2012. Rat Testicular Impairment Induced by Electromagnetic Radiation from A Conventional Cellular Telephone and The Protective Effects of the Antioxidants Vitamins C and E. *CLINICS* 67(7): 785-92.
- Almasiova, V., K. Holovska, dan C. Cigankova. 2013. Influence of Electromagnetic Radiation on Selected Organs in Rats. *RFFCH* (9)(3): 401-6.
- Anies. 2007. *Mengatasi Gangguan Kesehatan Masyarakat Akibat Radiasi Elektromagnetik dengan Manajemen Berbasis Lingkungan*. Fakultas Kedokteran Universitas Diponegoro. Semarang.
- Anonim. 2010. Microbehunter. Tersedia di <http://www.microbehunter.com/2010/06/27/the-hemo-cytometer-counting-chamber/>. Diakses tanggal 12 September 2014.
- Ashafahani, E.D., N.I. Wiratmini, dan A.A.S.A. Sukmaningsih. 2010. Motilitas dan Viabilitas Spermatozoa Mencit (*Mus Musculus L.*) Setelah Pemberian Ekstrak Temu Putih (*Curnuma zedoaria* (Berg.) Roscoe. *JURNAL BIOLOGI* 14(1): 20-3.
- Barret, K.E., S.M. Barman, S. Boitano, dan H.L. Brooks. 2010. *Ganong's Review of Medical Physiology*. McGraw-Hill. USA.

- Crumpton, M.J. 2005. The Bernal Lecture 2004 Are Low-Frequency Electromagnetic Fields a Health Hazard?. *Phi Trans R Soc B* 360: 1223-30.
- Davoudi, M., C. Brossner, dan W. Kuber. 2002. Influence of Electromagnetic Waves on Sperm Motility. *J Urol Urogynaekol* 9(3): 18-22.
- Desai, N.R., K.K. Kesari, dan A. Agarwal. 2009. Pathophysiology of Cell Phone Radiation: Oxidative Stress and Carcinogenesis with Focus on Male Reproductive System. *Repro Bio End* 7: 114-23.
- Erogul, O., E. Oztas, H.C. Irkilata, dan I. Yildirim. 2006. Effects of Electromagnetic Radiation from A Cellular Phone on Human Sperm Motility: An In Vitro Study. *Biomed and Clin Eng Cent Arch Med Res* 37: 840-3.
- Ghanbari, M., S.B. Mortazavi, A. Khavanin, dan M. Khazaei. 2013. The effects of Cell Phone Waves (900 MHz-GSM Band) on Sperm Parameters and Total Antioxidants Capacity in Rats. *Int Jour Fert and Ster* 7(1): 21-8.
- Guharoy, D. 2013. Analysis: Smarter Phones and Dumber People. Tersedia di <http://www.thejakartapost.com/news/2013/07/02/analysis-smarter-phones-and-dumber-people.html>. Diakses tanggal 7 September 2014.
- Guyton, A.C. dan J.E. Hall. 2008. *Fisiologi Kedokteran*. EGC. Jakarta.
- Hamada, A.J., A. Singh, dan A. Agarwal. 2011. Cell Phones and Their Impact on Male Fertility: Fact or Fiction. *The Open Reproductive Science Journal* 5: 125-37.
- Hansen, J.T., B. Benninger, J.K. Brueckner, S.W. Carmichael, N.A. Granger, dan R.S. Tubbs. 2011. *Netter Atlas of Human Anatomy: Fifth Edition*. Elsevier. USA.

- Harefa, S.P.A. 2012. Analisis Perbandingan Model Propagasi Untuk Komunikasi Bergerak pada Sistem GSM 900. *Skripsi*. Fakultas Teknik Elektro Universitas Sumatera Utara. Medan.
- Hill, M.A. 2013. Spermatozoa Development. Tersedia di http://embryology.med.unsw.edu.au/embryology/index.php?title=Spermatozoa_Development. Diakses tanggal 12 September 2014.
- Huda, Y. 2008. *Modul Telepon Seluler*. Fakultas Teknik Universitas Negeri Padang. Padang.
- Jedrzejowska, R.W., J.K.Wolski, dan J.S. Hilczer. 2012. The Role of Oxidative Stress and Antioxidants in Male Fertility. *Central European Journal Urology*: 60-7.
- Junqueira, L.C. 2007. *Histologi Dasar*. EGC.Jakarta.
- Kesari, K.K., S. Kumar, dan J. Behari. 2010. Mobile Phone Usage and Male Infertility in Wistar Rats. *Ind Jour Exp Bio* 47: 987-92.
- Khayat, L.I. 2011. The Histopathological Effects of An Electromagnetic Field on The Kidney and Testis of Mice. *Eur Asian Journal Bio Sciences* 5: 103-9.
- Kumar, S., J.P. Nirala, J. Behari, dan Paulraj. 2014. Effect of Electromagnetic Irradiation Produced by 3G Mobile Phone on Male Rat Reproductive System in a Simulated Scenario. *Ind Jour Exp Bio* 52: 890-7.
- Kwan-Hoong, N. 2003. *Non-Ionizing Radiation Sources, Biological Effects, Emissions, and Exposures*. Department of Radiology University of Malaya. Malaysia.

- Mahardika, I.P. 2009. Efek Radiasi Elektromagnetik Ponsel terhadap Kesehatan Manusia. Tersedia di <http://mahardikaholic.files.wordpress.com/2009/12/efek-radiasi-gelombang-elektromagnetik-pada-ponsel.pdf>. Diakses tanggal 7 September 2014.
- Mailankot, M., A.P. Kunnath, B. Koduru, R. Valsalan, dan H. Jayalekshmi. 2009. Radio Frequency Electromagnetic Radiation (RF-EMR) from GSM (0.9/1.8 GHz) Mobile Phones Induces Oxidative Stress and Reduces Sperm Motility in Rats. *CLINICS* 64(6): 561-5.
- Maslachah, L., M. Sukmanadi, dan R. Sugihartuti. 2005. Pengaruh Pemberian Antisterilitas Alpha Tocopherol terhadap Spermatogenesis Tikus yang Menerima Stresor. *Jurnal Penelitian Medika Eksakta* 5: 258-69.
- Merhi, Z.O. 2012. Challenging Cell Phone Impact on Reproduction: A Review. *J Assist Reprod Genet* 29(4): 293-7.
- Qin, F., J. Zhang, H. Cao, W. Guo, L. Chen, O. Shen, J. Sun, C. Yi, J. Li, J. Wang, dan J. Tong. 2014. Circadian Alterations of Reproductive Functional Markers in Male Rats Exposed to 1800 MHz Radiofrequency Field. *Chronobiol Int* 31(1): 123-33.
- Rahmanisa, S. dan R.A. Maisuri. 2013. Pengaruh Pemberian Ekstrak Jahe Merah (*Zingiber officinale Roxb. var Rubrum*) dan Zinc (Zn) terhadap Jumlah, Motilitas dan Morfologi Spermatozoa pada Tikus Putih (*Rattus norvegicus*) Jantan Dewasa strain Sprague Dawley. *JuKe Unila* 3(2): 33-7.
- Ridwan, E. 2013. Etika Pemanfaatan Hewan Percobaan dalam Penelitian Kesehatan. *J Indon Med Assoc* 3(63): 112-6.
- Salama, N., T. Kishimoto, dan H.O. Kanayama. 2010. Effects of Exposure to a Mobile Phone on Testicular Function and Structure in Adult Rabbit. *Int J Androl* 33(1): 88-94.
- Sherwood, L. 2009. *Fisiologi Manusia: Dari Sel ke Sistem*. EGC. Jakarta.

- Soeng S., T.L. Wargasetia, dan A. Steven. 2007. Efek Gelombang Elektromagnetik Telepon Seluler terhadap Spermatozoa Mencit Galur BALB/C. *Jurnal Kedokteran Maranatha* 7(1): 26-36.
- Sutyarso. 2010. Hubungan antara Lama Menggunakan Ponsel dengan Jumlah dan Kualitas Spermatozoa pada Laki-laki Fertile. *Maj Kedokt Indon* 60(3): 119-25.
- Swamardika, I.B.A. 2009. *Pengaruh Radiasi Gelombang Elektromagnetik Terhadap Kesehatan Manusia Suatu Kajian Pustaka*. Fakultas Teknik Universitas Udayana. Bali.
- Tarigan, T.R.P., U.A. Gani, dan M. Rajagukguk. 2011. *Studi Tingkat Radiasi Medan Elektromagnetik yang Ditimbulkan oleh Telepon Selular*. Fakultas Teknik Universitas Tanjungpura. Pontianak.
- Tishkina, A.O., I.P. Levshina, N.A. Lazareva, N.V. Passikova, M.Y. Stepanichev, M.G. Ajrapetyanz, dan N.V. Gulyaeva. 2009. Chronic Stress Induces Nonapoptotic Neuronal Death in the Rat Hippocampus. *Doklady Biological Sciences* 428: 403-6.
- Tortora, G.J. dan B. Derrickson. 2011. *Principles of Anatomy & Physiology Maintenance and Continuity of The Human Body 13th ed.* John Wiley and Sons. Asia.
- Utomo, P. 2012. Konsep Dasar Gelombang Elektromagnetik. Tersedia di <http://rezaikhtiar.files.wordpress.com/2012/03/fisikakelasbab9gelombangelektromagnetik.pdf>. Diakses tanggal 7 September 2014.
- Uygur, E.E. dan M. Arslan. 2010. Effects of Chronic Stress on Cognitive Functions and Anxiety Related Behaviors in Rats. *Acta Physiologica Hungarica* 97(3): 297-306.
- Venkatesh, S., G. Singh, N.P. Gupta, R. Kumar, M. Deecaraman, dan R. Dada. 2009. Correlation of Sperm Morphology and Oxidative Stress in Infertile Men. *Iranian Journal Reproductive Medicine* 7(1): 29-34.

Wang, S.M., D.W. Wang, R.Y. Peng, Y.B. Gao, Y. Yang, W.H. Hu, H.Y. Chen, Y.R. Zhang, dan Y. Gao. 2003. Effect of Electromagnetic Pulse Irradiation on Structure and Function of Leydig Cells in Mice. *Zhonghua Nan Ke Xue* 9(5): 327-30.

Wasito, B. dan Sarwanto. 2008. Spermiogram Pria Infertil di Laboratorium Infertil-Andrologi Puslitbang Sistem dan Kebijakan Kesehatan Surabaya, Tahun 2002-2004. *Bul. Penel. Kesehatan* 36(3): 106-14.