

## DAFTAR PUSTAKA

1. The International Committee for Monitoring Assisted Reproductive Technology (ICMART) and the *World Health Organization* (WHO) Revised Glossary on ART Terminology,. Journal article – Human Reproduction, Vol.24, No.11 pp. 1-5,( 2009).
2. Ashish Ranjan Singh. *Spermicidal Activity And Antifertility Activity Of Ethanolic Extract of Withania somnifera in Male Albino Rats*. International Journal of Pharmaceutical Science Review and Research. Int.J.Pharm, (2013).
3. Elpina. Pengaruh *Monosodium Glutamat* Terhadap Kadar Hormon Testosteron dan Berat Testis Pada Tikus Putih Jantan (*Rattus norvegicus*). M. Biomed. Testis. Universitas Andalas: Padang, (2011).
4. World Health Organization. *WHO Laboratory Manual for the Examination and Processing Human Semen – 5<sup>th</sup> ed.* WHO Press. Switzerland.(2010).
5. Foa A., Ibo O., Ilambra., N. C. Pengaruh Pemberian etanol peroral terhadap gambaran histologi sel – sel spermatogenik dan sel Leydig pada testis tikus putih . Airlangga University: Surabaya,(2008).
6. Hakim Lukman, Brahmanti Herwinda, Arif Widiyatmoko. *Mega Dosis Vitamin C Intraperitoneal Meningkatkan Radikal Bebas dan Menurunkan Sod Serum dan Jaringan Kulit Marmot*. Depertemen Ik Kulit dan Kelamin. FK Universitas Brawijaya/RSUP dr.Sjaiful Anwar Malang, Vol.39 No 4 Tahun: 151-157. (2012).
7. *World Health Organization* (WHO). Pengertian Infertilitas. (2011).
8. Agil Rahmat Akbar, Eka Pramytha H, Widta Paramita L, Julien Soepraptini, Suryo Kuncoro, Lita Rakhma Y. Pengaruh Pemberian Propolis Terhadap Gambaran Histopatologi Hepar Mencit ( *Mus musculus*) Jantan. Universitas Airlangga, (2015).
9. Ivan H. Efektivitas Propolis Ekstrak Terhadap kadar MDA dan kualitas sperma yang diberi paparan asap rokok. *Sains Med*.7, 9-14
10. Nining, Heri Prasetyo, Endang Listyaningsih Suparyanti, A Guntur H.MKB. Ekstrak Etanol Propolis Isolat Menurunkan Derajat Inflamasi dan Kadar MDA Pada Serum Tikus Model Sepsis. Vol. 45 No.3, September,(2013).
11. Taufiqurrachman, Eni Widayanti, Anindiya Kusuma W. Proteksi Spermatozoa dengan Propolis dengan ROS Pada Tikus Jantan Galur *Wistar* Yang Diinduksi Oleh *Monosodium Glutamat*. Bagian Andrology dan Biokimia Fakultas Kedokteran Universitas Islam Sultan Agung (UNISSULA) Semarang, (2012).
12. Tri Hardi S. Pengaruh Ekstrak Propolis Terhadap Ekspersi Protein Bcl2,p21, dan Induksi Apoptosis Pada Sel Hela, (2015).
13. Mahidin M, Andi Muh Maulana, Susiyad. Pengaruh Pemberian Ekstrak Etanol Daun Kemangi (*Ocimum basilicum L*) Terhadap Jumlah Sel Spermatogrnik Tikus Putih ( *Rattus norvegicus*) Galur *Wistar* Jantan Yang Diinduksi *Monosodium Glutamat*. *Home, Vol 1, No 1*, (2018).
14. Lofty, M. Biological Activity of Bee Propolis in Health and Diases. Asian Pacific journal of Cancer Prev, 7: 22-31.(2006).

15. Cendikova M, Miklikova M, Stachova L, *et al.* Effects of the Czech Propolis on Sperma Mitokondrial Function. Evidence-Based Complementary And Alternative Medicine;248768, (2014).
16. Rahmah, Herlina. *Efek Vitamin C Terhadap Jumlah Spermatozoa Mencit Yang Dinduksi Gentamisin*. Skripsi. Fakultas Kedokteran Dan Ilmu Kesehatan. Universitas Islam Negeri Syarif Hidayatullah. Jakarta, (2014).
17. Hakim Lukman, Brahmanti Herwinda, Arif Widiatmoko. *Megadosis Vitamin C Intraperitoneal Meningkatkan Radikal Bebas dan Menurunkan Sod Serum dan Jaringan Kulit Marmot*. Departemen IK Kulit dan Kelamin. FK. Universitas Brawijaya/RSUP dr. Sjaiful Anwar Malang, Vol.39 No. 4 Tahun 2012: 151-157.
18. Ilyas, S. *Evaluasi Kualitas Spermatozoa Dan Jumlah Turunan Mencit (Mus musculus L) (FI) Setelah Pemberian Tuak Prosiding Semirata FMIPA Universitas Lampung*, (2013).
19. Wein AJ. *Bladder Dysfunction In The Adult*. New York: springer science, (2012).
20. Ganong William F. Perkembangan dan fungsi system reproduksi. Dalam: Fisiologi Kedokteran. Edisi 10. 360-95
21. Welsh M, Saunders PT, Fisker M. *Identification in rats of a programming window for reproductive tract masculinization, disruption of which leads hypospadias and cryptorchidism*. The Journal of clinical investigation. Dikutip dari Fariz Eka Setiawan. 2014 *Pengaruh Paparan Obat Nyamuk Terhadap Gambaran Histopatologi Sel Leydig Tikus Sparague Dawley*. Jurnal Media Medika Muda. Fakultas Kedokteran Universitas Diponegoro Semarang, (2008).
22. Qiang Dong MPH. *Leydig Cell Function In Man. Male Hypogonadism*: Dikutip dari Fariz Eka Setiawan. 2014. *Pengaruh Paparan Obat Nyamuk Terhadap Gambaran Histopatologi Sel Leydig Tikus Sparague Dawley*. Jurnal Media Medika Mulia. Fakultas Kedokteran Universitas Diponegoro. 10:23-43. (2008).
23. G. F. Weinbuer JG, M. Simoni, E. Nieschlag. *Andrology : Male Reproductive Health and Dysfunction*. 2 ed. New York: Springer-Verlag Berlin Heidelberg. Dikutip dari Fariz Eka Setiawan. 2014. *Pengaruh Paparan Obat Nyamuk Terhadap Gambaran Histopatologi Sel Leydig Tikus Sparague Dawley*. Jurnal Media Medika Mulia. Fakultas Kedokteran Universitas Diponegoro, (2014).
24. Trainer TD. *Testis and Excretory Duct System*, in: Mills SE, (ed). *Histology for Pathologists*. 3<sup>rd</sup> edition ed. Virginia: Lipponcott Williams & Wilkins, p. 944-60. 2014. Dikutip dari Fariz Eka Setiawan. *Pengaruh Paparan Obat Nyamuk Terhadap Gambaran Histopatologi Sel Leydig Tikus Sparague Dawley*. Jurnal Media Medika Mulia. Fakultas Kedokteran Universitas Diponegoro. (2008).
25. Leydig 's interstitial cells and hormonal regulation (internet); (cited 2014 July 17). Available from: <http://www.embryology.ch/anglais/cgametogen/spermato06.html>. Dikutip dari Fariz Eka Setiawan. *Pengaruh Paparan Obat Nyamuk Terhadap Gambaran*

- Histopatologi Sel Leydig Tikus Sparague Dawley*. Jurnal Media Medika Muda. Fakultas Kedokteran Universitas Diponegoro Semarang.(2014).
26. Junqueira, L. CHistologi Dasar, Teks and Atlas, edisi 10, EGC, Jakarta. Hal:416-417, (2018).
  27. Fariz Eka Setiawan. *Pengaruh Paparan Obat Nyamuk Terhadap Gambaran Histopatologi Sel Leydig Tikus Sparague Dawley*. Jurnal Media Medika Muda. Fakultas Kedokteran Universitas Diponegoro Semarang, (2014).
  28. Hegazi Ahmad G. Propolis on Overview.(7) Available from 2002 [http://www.apocpcontrol.org/paper\\_file/issue\\_abs/Volume7\\_Nol\\_Lotfy.pdf](http://www.apocpcontrol.org/paper_file/issue_abs/Volume7_Nol_Lotfy.pdf) Accessed Desember 23,2013.
  29. Sabir A, 2008. Aktivitas antibakteri flavonoid Propolis trigona sp terhadap *ST streptococcus mutans* (in vitro). Dent J 2005;38:135.
  30. Chopra S, Pillai KK, Husain SZ, Giri DK,. Suplay Chain Management: Strategy, Planing & Operations,3<sup>rd</sup> Edition. Person Prentice Hall. (2007).
  31. Rajoo Merlini, Abhishel Parolia, Allan Pau, Fabian DavamaniAmalraj. *The Role of PropolisInflammantion and Orofacial Pain: A Review*.2013.P;651-664.
  32. Bogdanov S. Propolis: composition, health, medicine : A Review. Available from 2011 (10) <http://www.beehexagon.net/files/file/fileE/Health/PropolisBookReview.pdf> Accessed Desember 23,2013.
  33. Wieckiewicz Wloodzimierz, Marta Miernik, Miszko Wieckiewicz and Tadeusz Morawiec. *Review Article: Does Propolis Help to Maintain Oral Health?*. Available from 2012 <http://downloads.hindawi.com/journals/ecam/2013/351062.pdf> Accessed Desember 23,2013.
  34. Sabir Ardo, Respons inflamasi pada pulpa gigi tikus setelah aplikasi ekstrak etanol propolis (EEP). Dent.J.2005. Vol. 38, No.2. P;77-83
  35. Bankova, V. 2009. *Chemical diversity of propolis makes it valueable source of new biologically active compounds*. *Journal of ApiProduct and ApiMedical Science*. 1(2). Diakses : <https://www.researchgate.net/publication/240822609>. Chemical diversity of propolis makes it a valuable source of new biologically active compounds [02 maret 2016].
  36. Susilo B , Ni Made M, Eko Budi K, Mangestuti A. Komposisi Kimiawi Dan Aktivitas Anti Mikroba Propolis Dari Malang Jawa Timur. J. Penelit. Med. Eksakta. 2009.Vol.8 No.1
  37. Kaihena M. Propolis Sebagai Imunostimulator Terhadap Infeksi Micobacterium tuberculosis. Prosiding FMIPA Universitas Pattimura, (2013).
  38. Halpern . B. What ‘ in a name? Are MSG and umami are the same? Chemical Sense,(2002).
  39. Linderman B, Ogiwara Y, *et all*. The discovery of Umami, Chemical senses Univercitydes Sarlandes, Medical falculty.(2002).
  40. Yamaguchi, S . & Nionomiya, K. “What is umami?” *Food Reviews International* 14 (2 & 3): 123, (2008).

41. Geha, R., Beiser, A., Ren, C., Petterson, R., Greenberger, P., Grammer, L., Ditti, A., Harris., Saughnassy, M., Yarnold, P., Corrent, J., & Saxon, A. 2000. Review og alleged reaction to *monosodium glutamate* and outcome of a multicentre double-blind placebo-controlled study. *The Journal of Nutrition*.130: 1058-62.
42. Siregar . J. H. Pengaruh Pemberian Vitamin C Terhadap Jumlah Sel Leydig dan Jumlah Sperma Mencit Jantan Dewasa( *Mus musculus L*) Yang Terpapar *Monosodium Glutamat* (MSG) Tesis Pascasarjana. Universitas Sumatra Utara. (2009).
43. Ardyanto, T. D. MSG dan Kesehatan : Sejarah, Efek dan Kontroversinya, inovasi Vol 1/XVI/Agustus. Asean Countries. 2007. Standard of Asean Herbal Medicine. Vol.I, Jakarta, (2004).
44. Garattini, S. Glutamic Acid, Twenty Years Later. J . Nutrition. [Internet]; 2000 [ sitasi 25 November 2014]130: 901-9. Available from: National Center for Biotechnology Information (NCBI) Journals.
45. FDA and *monosodium glutamat* (MSG) available at <http://www.fda.gov/opacom/backgroudders/msg.html>.(2011).
46. Olney ,J . W., Schainker, B. 196. *Glutamat-type hipotalamic-pituitary syndrome in mice treated with asparat or cysteated in infancy*. Journal of Neural Transmission, Volume 35, Number 3, -215, DOI: 10. 1007/BF01258952.(2007).
47. Diniz, V. and B. Volesky. Effect of Counterions on Lanthanum Biosorption by *Sargassum polycystum*. Water Research. 39: 2229-2236.(2005).
48. Giovan Battista, Franca, S. Calandra. *Modullatory Effect of Leptin on Leydig Cell Function of Normal and Hiperleptinemia rats, Reproductive*. (2003).
49. Kumar K , Raju AB. *Areview on male fertility*. Hygeia J Drugs Med;3(1): 20-28. (2011).
50. *World Health Organization*. General Guidelines for Methodologies on Research and Evaluation of Traditional Medicine. *WHO-Geneva* 1, 1-74 (2000).
51. Cheville NF. Introduction to Veterinary Pathology 3rd Edition Iowa State University Press, (2008).
52. Bilala, Alia *et al*, Phytochemical and Pharmacological Studies on *Ocimum sanctum* Linn-A Review, *IJCRR*, 4 (23), 73-83,2012.
53. Ni Made Lina Pebrianti. Kualitas Spermatozoa Mencit Jantan Dewasa (*Mus musculus L*) Setelah Diberikan *Monosodium Glutamat* (MSG) *Jurusan Biologi FMIPA Universitas Udayana*, (2011).