

## DAFTAR PUSTAKA

- Agarwal, A., Prabakaran, S., Said, T. (2005), Prevention of Oxidative stress Injury to sperm, *J Androl* **26**: 654-60.
- Ahluwalia, P., Tewari, K., Choudary, P. (1996), Studies of effects of monosodium glutamate (MSG) on oxidative stress in erythrocytes of adult male mice, *Toxicol Lett* **84**: 161-5.
- Akmal, M., Qadri, J.Q., Al-Waili, N.S., Haq, A., Saloom, K.Y.(2006), Improvement in human semen quality after oral supplementation of vitamin C, *J Med Food* **9**: 440-2.
- Alhijamah, (2011), Manfaat Rosella, <http://www.alhijamah.wordpress.com/page/2>, (Diakses 24 Agustus 2011)
- Anonim, (2011), Bunga Rosella, <http://www.asihmtqt.com/bunga-rosella.html>, (Diakses 28 Agustus 2011)
- Babu, G.N., Bawari, M., Ali, M. M. (1994), Lipid peroxidation potential and antioxidant status of circumventricular organs of rat brain following neonatal monosodium glutamate, *Neurotoxicology* **15**: 773-7.
- Budi, (2008), Kandungan kimiawi bunga rosella, <http://www.forumponsel.com/forum/showlat.php>, (Diakses 21 Agustus 2011)
- Diniz, Y.S., Faine, L. A., Galhardi, C. M., Rodrigues, H. G., Ebaid, G. X., Burneiko, R. C., Cicogna, A. C, Novelli, E. L. (2005), Monosodium glutamate in standard and high-fiber, diets: metabolic syndrome and oxidative stress in rats, *Nutrition* **21**: 749-55.
- Farombi, E.O., Onyema, O.O. (2006), Monosodium glutamate –induced oxidative damaged and genotoxicity in the rat: modulatory role of vitamin C, vitamin E, and quercetin, *Hum Exp Toxicol* **25**: 251-9.
- Fauzi, T. (2008), Pengaruh pemberian timbal asetat dan vitamin C terhadap peroksidasi lipid dan kualitas spermatozoa di dalam sekresi epididimis mencit jantan (*Mus musculus* L.) strain DDW. *Biomedic*. Medan, Universitas Sumatera Utara
- FDA,(1995) FDA and monosodium glutamate (MSG) available at <http://fda.gov/opacom/backgrounders/msg/html>
- Geha, R., Beiser A., Ren, C. Patterson, R., Greenberger, P., Grammer, L., Ditto A., Harris, K., Saughnessy, M., Yarnold, P., Corrent, J., Saxon, A. (2000), Review of alleged reaction to monosodium glutamate and outcome of a

multicenter double- blind placebo- controlled study, *The Journal of Nutrition* **130**: 1058S-1062S.

Gilbert, S.F. 1985. *Developmental Reproductive Biology*. Sunderland: Sinauere Associates Inc.

Gold, M. (1995), Monosodium glutamate.

Gupta, A. D., Dhundasi, S. A., Ambekar, J. G, Das, K. K. (2007), Effect of l-ascorbic acid on antioxidant defense system in testes of albino rats exposed to nickel sulfate, *J Basic Clin Physiol Pharmacol* **18**: 255-66.

Halpern, B. (2002), What' in a name ? Are MSG and umami the same ? Chemical Sense.

Johnson, M., Everitt, B. (1990). *Essential in Reproduction*, Blackwell Science Pub Oxford, London.

Loliger, J. (2000), Function and importance of glutamate for savory of foods. *The Journal of Nutrition*, 130, 915S-920S.

Luck, M. R., Jeyaseelan, I., Scholes, R. A. (1995), Ascorbic acid and fertility, *Biology Reproduction* **52**: 262-6.

Mallole, M, (1989), *Penggunaan Hewan - hewan Percobaan Di Laboratorium*, DEPDIKBUD IPB, Bogor.

Miskowiak, B., Limanowski, A., Partyka, M. (1993), Effect of perinatal administration of monosodium glutamate (MSG) on the reproductive system on the male rat, *Endocrinol Pol* **44**: 497-505.

Munawaroh, (2009), *Pengaruh Ekstrak Kelopak Rosella (Hibiscus sabdarifa L.) terhadap Peningkatan Jumlah Eritrosit dan Kadar Hemoglobin dalam Darah Tikus Putih (Rattus novergicus)Anemia*, Skiripsi, Fakultas Sain dan Teknologi, UIN Maulana Malik Ibrahim, Malang.

Naidu, K. (2003), Vitamin C in human health and disease is still a mystery?. *Nutrition Journal* **1**: 1-10.

Nayanatara, A., Vinodini, N., Damodar, G., Ahamed, B., Ramaswamy, C., Shabarinath., Bath, R. (2008), Role of ascorbic acid in monosodium glutamate mediated effect on testicular weight, sperm morphology and sperm count, in rat testis. *Journal of Chinesse Clinical Medicine* **3**:1-5.

Nelystia, 2009. *Rosella Aneka Olahan, Khasiat dan Ramuan*, Penbar Swadaya, Depok.

- Oakberg, E.P. (1956). A Description of Spermatogenesis in the Mouse and Its Use in Analysis of the Cycle of Seminiferous Epithellium and Germ Cell Renewal. *American Jurnal of Anatomy*. Messachuset.
- Padayatty, S., Katz, A., Wang, Y., Eck, P., Kwon, O., Lee, J., Chen, S., Corpe, C., Dutta, A. (2003), Vitamin C as antioxidant evaluation of its role in disease prevention. *Journal of the American College of Nutrition* **22**: 18-35.
- Prawirohardjono, W., Dwiprahasto, I., Astuti I., Hadiwandowo, S., Kristin, E., Muhammad, M., Kelly, M. F. (2000) The Administration to Indonesians of Monosodium L- Glutamate in Indonesian Foods. *The Journal of Nutrition* **130**: 1074S-1076S.
- Rugh, R. (1976), The mouse its reproduction and development, Burgess Publishing Company, Minneapolis.
- Schaumburg, J., Byck, R., Gersti, R., Mashman, J. (1999), Monosodium L- glutamate: its pharmacology and role in the, Chinese restaurant syndrome. *Science* **163**: 826-828.
- Subratha, I.M.(1998). *Spermatogenesis, Kontrol Endokrin dan Struktur Spermatozoa*, Fakultas Kedokteran Universitas Udayana, Denpasar.
- Sukawan, U (2008), Efek toksik monosodium glutamate (msg) pada binatang percobaan, *Sutisning* **3**: 306 – 314.
- Suparni, (2009), *Pengaruh Pemberian Vitamin C terhadap Jumlah Sperma dan Morfologi Sperma Mencit Jantan (Mus musculus L.) yang Telah dipapakan Monosodium Glutamat (MSG)*, Tesis, Fakultas Kedokteran, USU, Medan.
- Sutomo, (2009), Komposisi kimiawi kelopak rosella, [http://.pro-mdc.com/ detail bunga rosella.php](http://.pro-mdc.com/detail_bunga_rosella.php), (Diakses 15 Agustus 2011)
- Umami, M. H., (2009), *Pengaruh Pemberian Minyak Jintan Hitam (Nigella sativa) terhadap Jumlah Spermatozoa Mencit Hiperlipidemia*, Skripsi, Fakultas Kedokteran, Universitas Diponegoro, Semarang.
- Vinodini, N., Nayanatara, A., Damodara, G., Ahamed, B., Ramaswamy, C., Shabarinath., Bath. R. (2008), Effect of monosodium glutamate- induce oxidative damage on rat testis, *Journal of Chinese Clinical Medicine* **3**: 370-373.
- Xiao- Hong, J., Yi- Rong, X., Bing, L., Ya-An, Y., Min- Cheng, W., Kai- Yun, W. (2007), Morphological changes of aorta and total cholesterol, high density lipoprotein, oxidized low density lipoprotein, nitric monoxide and lipide peroxidation in serum after arcuate nucleus lesioneds, *Journal of US- China Medical Science* **4**: 24- 27.

Yosef, M. I., Abdallah, G. A., Kamel, K. I. (2003), Effect of ascorbic acid and vitamin E supplementation on semen quality and biochemical parameters of male rabbits, *Animal Reproduction Science* **76**: 99-111.



THE  
*Character Building*  
UNIVERSITY