

- Anonim . 1979. *Farmakope Indonesia*. Edisi III. Departemen Kesehatan Republik Indonesia, Jakarta, 37.
- Anonim . 1990. *Informasi Spesialite Obat Indonesia (ISO Indonesia)*. Volume 15. Edisi Farmakoterapi. Ikatan Sarjana Farmasi Indonesia, Jakarta.
- Ameer, B. & Greenblatt, D.J. 1977. Diagnosis and Treatment Acetaminophen. *Ann. Intern. Med.* 87 (2), 202-209.
- Bagnall, W.E., Kelleher, J., Walker, B.E. & Losowsky, M.S.. 1979. The Gastrointestinal Absorption of Paracetamol on livers in Rats. *J. Pharm. Pharmacol.* 31, 157-160.
- Banerjee, M., Sengupta, M., Das, J., Sikdar, S. & Mitra, N.K. 1976. Effects of Paracetamol on Livers in Rats. *Calcuta Med. J.* No 11 & 12, 119-123.
- Davis, M., Simmons, C.J., Harrison, N.G. & Williams, R. 1976. Paracetamol Overdose in Man: Relationship Between Patern of Urinary Metabolites and



Severity of Liver Damage. *Quart. J. Med.* XLV. 178, 181-191.

Donatus, I.A., 1986. Pengaruh Praperlakuan Jamu Pegel Linu dan Jamu Galian Singset Terhadap Toksisitas Akut Parasetamol. *Simposium Penelitian Tumbuhan Obat V*, Surabaya.

Donatus, I.A. & Prastowo, P.T. 1989. Pengaruh Praperlakuan Seduhan Rimpang Temulawak Terhadap Profil Farmakokinetika Parasetamol pada Kelinci Jantan. *Seminar Sehari ISMA Farmasi*, Surabaya.

Donatus, I.A., Sarjoko & Vermueulen, N.P.E. 1990. Cytotoxic and Cytoprotective of Curcumin: Effect on Paracetamol Induced cytotoxicity, Lipid Peroxidation and Glutathione epletion in Rat Hepatocyteo *Biochem. Pharmacol.* 39, 1869-1875.

Donatus I.A., Situngkir & Pramono, S.. 1985. Pengaruh Praperlakuan Jamu Terlambat Bulan Terhadap Toksisitas Akut Parasetamol pada Mencit Betina, *Pekan Ilmiah Fakultas Farmasi UGM*, Yogyakarta.

Duggin, G.G. & Mudge, G.H. 1975. Renal Tubular Transport Paracetamol and Its Conjugates in Dog. *Br. J. Pharmac.* 54, 359-366.



- Fischer, L.J., Green, M.D. & Harman, A.W. 1981. Levels of Acetaminophen and Its Metabolites in Mouse Tissues After a Toxic Dose. *J. Pharmacol. Exp. Ther.* 219 (2), 281-286.
- Flower, R.J., Moncada, S. & Vane, J.R. 1985. Analgesic-Antipyretics and Anti-inflammatory Agents: Drugs Employed in the Treatment of Gout. *Goodman and Gilman's The Pharmacological Basic of Therapeutics*, 7th edition. Macmillan Publishing Company, New York.
- Galinsky, R.E. & Corcoran, G.B. 1986. Influence of Advanced Age on the Formation and Elimination of Acetaminophen Metabolites by Male Rats. *Pharmacology* 32, 313-320.
- Gemborys, M.W. & Mudge, G.H. 1981. Formation and Disposition of the Minor Metabolites of Acetaminophen in the Hamster. *Drug Metabolism and Disposition* 9 (4), 340-351.
- Gregus, Z., Madhu, C. & Klaassen, D. 1988. Species Variation in Toxication and Detoxication of Acetaminophen in VIVO: A comparative Study of Biliary and Urinary Excretion of Acetaminophen Metabolites. *J. Pharmacol. Exp. Ther.* 244 (1),



91-99.

Handayani, S.A. 1990. Pengaruh Praperlakuan Seduhan Rimpang Temulawak (*Curcuma xanthorrhiza* Roxb.) Terhadap Komposisi Metabolit Parasetamol yang Diekskresikan Dalam Urin Mencit Jantan. *Skripsi*. Fakultas Farmasi UGM, Yogyakarta.

Hargono, D. 1985. Prospek Pemanfaatan Temulawak. *Simposium Nasional Temulawak*, Bandung.

Heading, R.C., Nimmo, J., Prescott, L.F. & Tothill, P. 1973. The Dependence of Paracetamol Absorption on the rate of Gastric emptying. *Br. J. Pharmac.* 47, 415-421.

Holder, G.M., Plummer, J.L. & Ryan, A.J. 1978. The Metabolism and Excretion of Curcumin (1,7-Bis-(4-hydroxy-3-methoxyphenyl)-1,6 heptadiene-3,5-dione) in the Rat. *Xenobiotica* 8 (12), 761-768.

Howie, D., Adriaenssens, P.I. & Prescott, L.F. 1977. Paracetamol Metabolism following Overdosage: Application of High Performance Liquid Chromatography. *J. Pharm. Pharmac* 29, 235-237.



UNIVERSITAS  
GADJAH MADA

Pengaruh Praperlakuan Kurkuminoid terhadap Pola Metabolit Parasetamol Yang Disekresikan Dalam Urin

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Hunt, C.A. & Dunford, P.R. 1977. Acetaminophen. *J. Am.*

*Pharm. Ass.* NS 17 (1), 517-521.

Jollow, D.J., Mitchell, J.R., Potter, W.Z., Davis, D.C.,

Gillette, J.R. & Bradie, B.B. 1973.

Acetaminophen-Induced Hepatic Necrosis II.

Role of Covalent Binding in VIVO. *J. Pharmacol.*

*Exp. Ther.* 187 (1), 195-202.

Kiso, Y., Suzuki, Y., Watanabe, N. Oshima, Y. & Hikino, H.

1983. Antihepatotoxic Principles of *Curcuma*

*Longa* Rhizes. *Plant Res. Med.* 49, 185-187.

Knight, R.N. & Young, L. 1958. The Occurrence of Acids.

*Biochem. J.* 70, 111-119.

Lehninger, A. L. 1976. *Biochemistry*. second edition. Johns

Hopkins University School of Medicine Worth

Publisher, Inc., New York. 502-503.

Levy, G., Khanna, N.H. Soda, D.M., Isuzuki, D. & Sterns,

L. 1975. Pharmacokinetics of Acetaminophen in

Glucuronide and Sulfat in Relation to Plasma

Bilirubin Concentration and d-glucuric Acid

Excretion. *Pediatrics*.

Madyawati, E. 1987. Pengaruh Praperlakuan Seduhan Rimpang

Kunyit (*Curcuma domestica* Val.) Dosis Tinggi



Terhadap Daya Analgetika Parasetamol Pada  
 Mencit Betina. *Skripsi*. Fakultas Farmasi UGM,  
 Yogyakarta.

Mitchel, J.R., Thorgeirsson, S.S., Potter, W.Z., Jollow, D.J. & Keiser, H. 1974. Acetaminophen-induced Hepatic Injury : Protective Role of Glutathione in Man and Rationale for Therapy. *Clinical Pharmacology and Therapeutics* 16 (4), 676-684.

Mukhopadhyay, A., Basu, N. Ghatak, N. & Gujral, P.K. 1982. Anti-inflammatory and Irritant Activities of Curcumin Analogues in Rats. *Agent and Actions* 12 (4), 508-515.

Paris, R.R. et Moyses M<sup>me</sup>. H. 1981. Précis De Matière Médicale Tome II. Deuxième édition Révisée. Manson, Paris, 775 - 779.

Petterson, R.G. & Rumack, B.H. 1978. Pharmacokinetics of Acetaminophen in Children. *Pediatrics* 62 (Pt.2 Supl.), 877-879.

Pratisto, A. 1987. Pengaruh Praperlakuan Rimpang Temulawak Terhadap Analgetik Parasetamol. *Skripsi*. Fakultas Farmasi UGM, Yogyakarta.



UNIVERSITAS  
GADJAH MADA

Pengaruh Praperlakuan Kurkuminoid terhadap Pola Metabolit Parasetamol Yang Disekresikan Dalam Urin

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Universitas Gadjah Mada, 1991 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Prescott, L.F. 1980. Kinetics and Metabolism of Paracetamol and Phenacetine, *Brit. J. Clin. Pharmacol.* 10, 291-291.

Prescott, L.F. & Wright, N. 1973. The Effects of Hepatic and Renal Damage on Paracetamol Metabolism and Excretion Following Overdosage. A Pharmacokinetics Study. *Brit. J. Pharmac.* 49, 602-613.

Rao, T.S., Basu, N., Seth, S.D. & Siddiqui, H.H., 1984. Some Aspects of Pharmacological Profile of Sodium Curcumin. *Ind. J. Physiol. Pharmacol.* 28 (3), 212-215.

Ravindranath, V. & Chandrashekhara, N. 1980. Absorption and Tissue Distribution of Curcumin in Rats. *Toxicology* 16, 259-265.

Ravindranath, V. & Chandrashekhara, N. 1982. Metabolism of Curcumin-Studies with (<sup>3</sup>H) Curcumin. *Toxicology* 22, 337-344.

Smith, R.P. 1975. Toxic Responses of the Blood. Dalam Casarett, L.J. & Doull, J. (eds). *Toxicology the Basic Science of Poisons*. Macmillan Publishing Co. Inc.) New York, 319 - 339.



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Hary Soegiharta, Drs. Imono Argo Donatus, S.U., Apt.

Universitas Gadjah Mada, 1991 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- Srimal, R.C. & Dhawan, B.N. 1973. Pharmacology of Diferul Yl Methane (Curcumin), a Non-steroidal Anti-inflammatory Agent, *J. Pharm. Pharmac.* 25, 447-452.
- Stahl, E. 1973. *Drug Analysis by Chromatography and Microscopy a Practical Supplement to Pharmacopoeias*. Ann Arbor Science, Michigan, 170 - 171.
- Suharta, E. 1991. Pengaruh praperlakuan kurkuminoid terhadap mathemoglobbinemia karena para setamol pada Mencit jantan. *Skripsi*. Fakultas Farmasi UGM, Yogyakarta.
- Susana, N. 1987. Pengaruh Praperlakuan Seduhan Serbuk Rimpang Temulawak (*Curcuma xanthorrhiza* Roxb) Terhadap Hepatotoksisitas Parasetamol ada Mencit Jantan. *Skripsi*. Fakultas Farmasi UGM, Yogyakarta.
- Testa, B. & Jenner, P. 1976. *Drug Metabolism: Chemical and Biochemical Aspects*. Marcel Dekker Inc, New York. 186-194.
- Tonnesen, H.H. 1986. *Chemistry, Stability and Analysis of Curcumin - A Naturally Occuring Drug*



Pengaruh Praperlakuan Kurkuminoid terhadap Pola Metabolit Parasetamol Yang Disekresikan Dalam Urin

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Hary Soegiharta, Drs. Imono Argo Donatus, S.U., Apt.

Universitas Gadjah Mada, 1991 | Diunduh dari <http://etd.repository.ugm.ac.id/>

MoleculeInstitute of Pharmacy University of  
Oslo, Oslo.

Vogel, I.A. 1964. *A Textbook of Macro and Semimicro Qualittive Inorganic Analysis*. 4th ed. Longman Green & Co., London, 16-20.

Welch, R.M. & Conney, A.H. 1965. A Simple Method for the Qualitative Determination of N-acetyl-p-aminophenol (APAP) in Urin. *Clin. Chem.* 11, 1064.

Wong, L.T., Solomonraj, G. & Thomas, B.H. 1976. High Pressure Liquid Chromatographic Determination of Acetaminophen in Biological Fluids, *J. Pharm. Sci.* 65 (7), 1064-1065.