

## 9. BIBLIOGRAFÍA

1. Anderson, ME. “Glutathione and glutathione delivery compounds” *Adv Pharmacol* (1997) 38: 65-78.
2. Baron, V; Muriel, P; “Role of glutathione, lipid peroxidation and antioxidants on acute bile-duct obstruction in the rat” *Biochim. Biophys. Acta* (1999) 1472: 173-180.
3. Bessey, O., Lowry, OH., Brock, MJ.; “Method for the determination of alkaline phosphatase with five cubic millimeters of serum” *J. Biol. Chem.* (1946) 164: 321-329
4. Bradford, M.M.; “A rapid and sensitive method for the quantification of microgram quantities of protein utilizing the principle of protein-dye binding” *Anal. Biochem.* (1976) 72: 248-254.
5. Brambila Colombres, Eduardo Miguel; Muñoz Sánchez, J.L; Waalkes, M.P; Albores, A; “Effect of Surgically Induced Cholestasis on the Levels of Hepatic Zinc and Metallothionein in Rat Liver”; *Biological Trace Element Research* (2000) 78. 255-264.
6. Brambila Columbres, E., Lozano Zaraín, P.; “Metalotioneínas, bioquímica y funciones propuestas” *Boletín de Educación Bioquímica* (1999) 18 (1): 21-27.
7. Cisneros Prego, Elio. “La glutatión reductasa y su importancia biomédica” *Revista Cubana de Investigaciones Biomédicas* (1995) 14 (1): 18-23.

8. Cross CE, Halliwell B, Borish ET, et al. "Oxygen radicals and human disease". *Ann Intern Med* (1987) 107: 526-545.
9. Deleve LD, Kaplowitz N. "Importance and regulation of hepatic glutathione". *Seminars Liver Dis*, (1990) 10: 251-266.
10. Esterbauer, H., Schaur, R.J. and Zollner, H.; "Chemistry and Biochemistry of 4-Hydroxynonenal Malonaldehyde and Related Aldehydes" *Free Rad. Biol. Med.* (1991) 11: 81-128.
11. González Correa, J.A; De la Cruz Cortes J.P; E. Martín Aurioles, M.A; López-Egea, Bueno; Ortiz Betes, P; Sánchez de la Cuesta, F; "Efecto de la S-adenosil-L-metionina sobre la nefrotoxicidad por gentamicina en un modelo experimental de obstrucción biliar aguda en ratas" *Europharma,S.A.* (1998)
12. Haidara K; "Metallothionein induction attenuates the effects of glutathione depleters in rat hepatocytes" *Toxicological Sciences*, (1999) 49: 297-305
13. Hayes, J.D., y col., "Glutathione and glutathione-dependent enzymes represent a co-ordinately regulated defense against oxidative stress" *Free Radic. Res.*, (1999) 31: 273-305.
14. Head, E., J. Liu.; "Oxidative damage increases with age in a canine model of human brain aging" *Journal of Neurochemistry.*, (2002) 82: 375-381.
15. Helle Raun Andersen; "Antioxidative enzyme activities in human erythrocytes" *Clinical Chemistry* (1997) 43 (4) 562-568.
16. Hidalgo J, Garvey JS, Armario A. "On the metallothionein, glutathione and cysteine relationship in rat liver" *J Pharmacol Exptl Ther* (1990) 255: 554-564.

17. Hiromasa Suzuki, M.D.; “Glutathione Deficiency Accentuates Hepatocellular Fluid Accumulation after Ischemia-Reperfusion” *Journal of Surgical Research* (1994) 57: 632-629.
18. Hirota, M; Sugi, K; Inoue, M; “Dynamic aspects of glutathione metabolism in obstructive jaundice” *J. Gastroenterol.* (1994) 29: 588-592.
19. Hoyumpa AM, Schenker S. “Drugs and the liver” In: *Maddrey WC, ed. Gastroenterology and Hepatology: The Comprehensive Visual Reference*. Philadelphia: Current Medicine (1996) 6.1-6.22.
20. Ji LL. “Oxidative stress during exercise: implication of antioxidant nutrients” *Free Rad Biol Med* (1995) 18(6): 1079-1086.
21. J.I. Elejalde Guerra; “Estrés oxidativo, enfermedades y tratamientos antioxidantes” *An. Med. Interna (Madrid)* (2001) 18 (6): 326-335.
22. Kaplan-Pesce; “Química Clinica” *Editorial médica Panamericana* (octubre 1992) Buenos Aires, Argentina. 6º reimpresión de la primera edición. 1464-1468, 1289-1294,
23. Kidd, Parris M; “Glutathione: Systemic Protectant Against Oxidative and Free Radical Damage” *Alternative Medicine* (review article) (1997) 2 (3): 155-176.  
<http://www.loudzen.com/carany/supplements/miscsupp.html>
24. Kosower NS, Kosower EM. “The glutathione status of cells” *Intl Rev Cytology* (1978) 54:109-156.
25. Leighton Puga, Federico; *Boletín Ciencia, Vino y Salud* (1998) 2 (2) 2:8

26. Ljubuncic, P; Tanne, Z; Bomzon, A; “Evidence of a systemic phenomenon for oxidative stress in cholestatic liver disease” *Gut* (2000) 47: 710-716.
27. Loguercio C, Delvecchio Blanco C, Coltorti M, et al. “Alteration of erythrocyte glutathione, cysteine, and glutathione synthetase in alcoholic and non-alcoholic cirrhosis” *Scand J Clin Lab Invest* (1992) 52: 207-213.
28. Lucas D. Masnatta; “Marcadores de éstres oxidativo. Su valor en la prevención y detección precoz de la enfermedad cardiovascular en el Hospital de Día” *Rev. Fed. Arg. Cardiol* (2003) (32): 177-183.
29. Muñoz SJ; “Liver Function tests and the objective evaluation of the patient with liver disease” In: *Hepatology: a Textbook of Liver Disease* (Edited by Zakim D, TD Boyer TD). 1996, 791-833.
30. Neuschwander-Tetri, B.A; Nicholson, C; Wells, L.D; Tracy, T.F; “Cholestatic liver injury down-regulates hepatic glutathione synthesis” *J. Surg. Res.* (1996) 63: 447-451.
31. Nicholas S. Aberle II; Jun Ren; “Experimental Assessment of the Role of Acetaldehyde in Alcoholic Cardiomyopathy” *Biol. Proced. Online* (2003) 5 (1): 1-12.
32. Orellana, M; Rodrigo, R; Thielemann, L; Guajardo, V; “Bile duct ligation and oxidative stress in the rat: effects in liver and kidney” *Comp. Biochem. Physiol. C. Toxicol. Pharmacol.* (2000) 126: 105-111.

33. Pastor, A; Bravo, A; Almar M.M; Collado, P.S; González-Gallego, J; “Effects of S-adenosylmethionine and N-acetylcysteine on the alterations of bile secretion induced by biliary obstruction in the rat” *Europharma, S.A* (1998)  
<http://www.boehringer-ingelheim.es/workshop-methionina/anglesa/cap20.htm>
34. Pastor, A; Collado, P.S; Almar, M; González-Gallego, J; “Antioxidant enzyme status in biliary obstructed rats: effects of N-acetylcysteine” *J. Hepatol.* (1997) 27: 363-370.
35. Prucker, E; Winograd, R; Roeb, E; Matern, S; “Glutathione status in liver and plasma during development of biliary cirrhosis after bile duct ligation” *Res Exp Med (Berl)* (1998); 198 (4): 167-174.
36. Reichling JJ, Kaplan MM; “Clinical use of serum enzymes in liver diseases” *Dig Dis Sci* (1988) 33:1601-1614.
37. Richard A. Lawrence y Raymond F. Burk; “Glutathione Peroxidase activity in selenium-deficient rat liver” *Biochemical and biophysical research communications* (1976) 17 (4): 952-958
38. Spies CD, Reinhart K, Meier-Hellmann A, et al. “Influence of N-acetylcysteine on indirect indicators of tissue oxygenation in septic shock patients: results from a prospective, randomized, double-blind study” *Crit Care Med* (1994) 22: 1738-1746.
39. Tasker, Karen; Collins, Catriona; Giles, Gregory; Giles, Niroshini; Jacob, Claus; “Oxidative stress: Antioxidant strategies based on glutathione peroxidase mimics”  
[http://eurobic.6.kc.lu.se/abs/TASKER\\_KM\\_178.pdf](http://eurobic.6.kc.lu.se/abs/TASKER_KM_178.pdf)

40. Weinberger, Barry; Kazimierz, Watorek; Strauss, Richard; Witz, Gisela; Hiatt, Mark; Hegyi, Thomas; “Association of lipid peroxidation with hepatocellular injury in preterm infants” *Critical Care* (2002) 6: 521-525.
41. William F. Balistreri; “Intrahepatic cholestasis” *Journal of pediatric gastroenterology and nutrition* (2002) 35: S17-S23 American Liver Fundation.
42. Zhou, Zhi-Bo; Ding, Hai-Qin; Qin, Feng-Jun; Liu, Lin; Cheng, Shi; “Effect of Zn7-metallotionein on oxidative stress in liver of rats with severe thermal injury” *Acta Pharmacologica Sinica* (2003) 24 (8): 764-770.