

SYNOPSIS CURRICULUM VITAE

Stand: July 2008

Name: Francisco Javier Romero

PERSONALIA

Date of Birth: September 8, 1959. Age: 48

Place of birth: Alcalá la Real, Jaén, Spain.

Citizenship: Spanish.

Home Address: Padre Viñas, 44. E-46019 Valencia, Spain. Tel. +34-647865163.

Professional Address: Department of Physiology, Pharmacology & Toxicology, Faculty of Experimental and Health Sciences, University CEU-Cardenal Herrera, Edificio Seminario s/n. E-46113 Moncada (Valencia), Spain. Tel. +34-96-1369011, fax +34-96-1395272. E-mail address: jromero@uch.ceu.es

ACTUAL POSITION

Professor of Physiology. Vice-Probest for Research and Development of the Universidad CEU-Cardenal Herrera

UNIVERSITY EDUCATION

Medicine studies at the Faculty of Medicine and Dentistry of the University of Valencia, 1976-1982.

"Licenciado en Medicina y Cirugía" (M.D. degree), University of Valencia, September 1982.

Doctor degree (Ph.D.), University of Valencia, July 1985.

PREVIOUS POSITIONS

-Research and Teaching Assistant, Dept. Biochemistry and Physiology, University of Valencia, October 1982-September 1986.

-"Wissenschaftliche Mitarbeiter" (on leave), Dept. of Physiological Chemistry, University of Düsseldorf, October 1982-December 1983 and September 1984-February 1985.

-Assistant Professor, Dept. Physiology, University of Valencia, October 1986-1988.

-Post-doctoral fellow (on leave), Institute for Toxicology, University of Mainz, November 1986-December 1987.

-Research Visitor, Department of Toxicology, Karolinska Institutet, June-August 1990.

-Research Visitor, Institute for Toxicology, School of Pharmacy, University of Southern California, Los Angeles, February-June 1991.

-Professor of Physiology, Director of the Neurophysiology and Neurotoxicology Unit at the Department of Physiology, University of Valencia, January 1988-2001.

-Alexander von Humboldt Research Fellow, Institute for Physiology and Pathophysiology, University of Mainz, May-November 1995, June-September 1997.

-'Gastprofessor' at the Institute for Physiology and Pathophysiology, University of Mainz, May-June 1999.

-Coordinator of the Public Research Council of the Regional Valencian Government, 1998.

-Director of the Instituto Universitario de Investigación en Drogas y Conductas Adictivas (IDYCA) at the Universidad Cardenal Herrera-CEU, since 2004.

PROFESSIONAL SOCIETY MEMBERSHIPS

Spanish Society of Physiological Sciences
British Biochemical Society
Spanish Toxicology Association
Society for Free Radical Biology and Medicine
Society for Free Radical Research (International)
ARVO (Association for Research in Vision and Ophthalmology)
Spanish Neuroscience Society (member of FENS)
National Hispanic Science Network on Drug Abuse (dependent on NIDA)

HONOURS AND AWARDS

'Garcia-Blanco' Medal to young Scientists, 1983.
1st Prize of the "F. Universitaria" Foundation, 1982.
Member of the Board of Trustees of the "Fundación para el Estudio, Prevención y Ayuda a la Drogadicción" (FEPAD).
President of the "Fundación SIDA y Drogas"

INTERNATIONAL EXPERIENCE

Accumulated experience during the stays abroad in international exchanges and evaluation of activities during the course of these research and training programmes (mostly in medical, but also in pharmaceutical faculties).

External reviewer for research projects on the health area of the Spanish Agency of Evaluation (Spanish Ministry of Education and Science).

ECTS-ERASMUS and SOCRATES Departmental Coordinator from 1992 to 1997 for the health area of the University of Valencia. Comissioned for international students exchange at the Medical Faculty 1992-1997.

Expert Evaluator within the V and VI Framework Program for Research of the European Commission.

Appointed member of the International Advisory Board of the Oxygen Club of California, 2004-.

LANGUAGE KNOWLEDGE

	Written	Spoken	Reading
English	Good	Good	Good
German	Good	Good	Good
Spanish	M o t h e r	T o n g e	

REFeree OF THE FOLLOWING JOURNALS

American Journal of Physiology
Archives of Biochemistry and Biophysics
Archivos de la Sociedad Española de Oftalmología
Biofactors
Chemical Research in Toxicology
Clinical Biochemistry
Diabetologia
European Journal of Pharmacology
Experimental Eye Research
FASEB Journal
Free Radical Biology and Medicine
Journal of Agricultural and Food Chemistry
Journal of Molecular Evolution
Journal of Neurochemistry
Journal of Peripheral Nervous Tissue
Liver
Marine Ecology Progress Series
Mechanisms of Ageing and Development
Neuroscience
Ophthalmic Research

16 RESEARCH PROJECTS FUNDED: 15 National and 1 European

28 Doctoral thesis supervised.

LIST OF PUBLICATIONS (Dr. F.J. Romero)

Book chapters

- Romero, F.J. & Viña, J. (1989) Preparation of isolated liver cells. En: Practical Biochemistry for Colleges (Wood, E.J., Ed.) pp. 111, Pergamon Press, Oxford.
- Romero, F.J. & Galaris, D. (1990) Compartmentation of cellular glutathione in mitochondrial and cytosolic pools. En: Glutathione: Metabolism and Physiological Functions (Viña, J., Ed.) pp. 29-38. CRC Press, Boca Raton FL.
- Segura-Aguilar, J., Cortés-Vizcaino, V., Ernster, L., Llombart-Bosch, A., Monsalve, E. & Romero, F.J. (1990) A dramatic decrease of microsomal and cytosolic DT-diaphorase activities during diethylstilbestrol(DES)-induced carcinogenesis in the kidney of male syrian golden hamster. En: Drug Metabolizing Enzymes: Genetics, Regulation and Toxicology (Ingelman-Sundberg, M., Gustafsson, J.-A. y Orrenius, S., Eds.) pp. 392. Karolinska Institutet, Estocolmo.
- Romero, F.J. & Cadenas, E. (1992) The reactivity of thiols and disulfides with different redox states of myoglobin. En: Biological Free Radical Oxidations and Antioxidants (Ursini, F. y Cadenas, E., eds.) pp. 173-180. CLEUP University Publisher, Padova.
- Romero, F.J. & Cadenas, E. (1992) The reactivity of thiols and disulfides with different redox states of myoglobin. Molecular mechanisms and clinical implications. En: Methionine Metabolism: Molecular Mechanisms and Clinical Implications (Mato, J.M., Lieber, C., Kaplowitz, N. & Caballero, A., eds.) pp. 221-226. CSIC, Madrid.
- Díaz-Llopis, M., Navea, A., Martos, M.J., Vila, A.O., Molina, F.J., Higuera, V., Bosch-Morell, F., Raya, A. & Romero, F.J. (1992) Retinal inflammation. Intravitreal ganciclovir liposomes for the treatment of cytomegalovirus retinitis in AIDS patients. En: Liposomes in Ophthalmology and Dermatology (Pleyer, U., ed.) pp. 87-95. Thieme/Enke/Hippokrates Publishers, Stuttgart.
- Romero, F.J., Ordoñez, I., Giulivi, C. & Cadenas, E. (1993) The interaction of sulfur compounds with ferrylmyoglobin. In: Biological Oxidants and Antioxidants. New Developments in Research and Health Effects (Packer, L. & Cadenas, E., eds.) pp. 49-56. Hippokrates Verlag, Stuttgart.
- Weber, S., Bosch-Morell, F. & Romero, F.J. (1996) Methyl mercury-induced neurotoxicity in peripheral nervous tissue. Implications for oxidative stress. In: Metal Ions in Biology and Medicine, vol. 4 (Collery, P., Corbellá, J., Domingo, J.L., Etienne, J.-C. & Llobet, J.M., eds.) pp. 291-293. John Libbey Eurotext, Montrouge.
- Jareño, E.J. & Romero, F.J. (2002) Aspectos sociales y éticos del SIDA en pediatría. In: Manual de Bioética. (Tomás, G., ed.) pp. 312-316. Ariel, Madrid.

Journal Publications (peer reviewed)

1. Viña, J., Estrela, J.M., Guerri, C. & Romero, F.J. (1980) Effect of ethanol on glutathione concentration in isolated hepatocytes. *Biochem. J.* 188, 549-552.
2. Viña, J., Romero, F.J., Estrela J.M. & Viña, J.R. (1980) Effect of acetaminophen (paracetamol) and its antagonists on glutathione (GSH) content in rat liver. *Biochem. Pharmacol.* 29, 1968-1970.
3. Sáez, G.T. & Romero, F.J. (1981) Características generales de la actividad enzimática. Colinesterasa plasmática. *Rev. Española Anest. Rean.* 18, 161-166.
4. Viña, J., Romero, F.J., Sáez, G.T. & Pallardó, F.V. (1982) Effect of N-acetyl cysteine on GSH content in rat brain. *Experientia* 39, 164-165.
5. Romero, F.J. & Viña, J. (1983) A simple procedure for the preparation of isolated liver cells. *Biochem. Education* 11, 135-136.
6. Romero, F.J., Soboll, S. & Sies, H. (1984) Mitochondrial and cytosolic glutathione after depletion by phorone in isolated hepatocytes. *Experientia* 40, 365-367.
7. Romero, F.J. & Sies, H. (1984) Subcellular glutathione contents in isolated hepatocytes treated with L-buthionine sulfoximine. *Biochem. Biophys. Res. Commun.* 123, 1116-1121.
8. Sáez, G.T., Viña, J., Pallardó, F.V. & Romero, F.J. (1985) Decreased hepatic gluconeogenesis by treatment with substrates of the GSH S-transferases. *Biochem. Pharmacol.* 34, 453-454.
9. Sáez, G.T., Romero, F.J. & Viña, J. (1985) Effects of glutathione depletion on gluconeogenesis in isolated hepatocytes. *Arch. Biochem. Biophys.* 241, 75-80.
10. Romero, F.J. & Cadenas, E. (1987) Hydroperoxide metabolism in vitamin E-deficient hepatocytes. Studies on low-level chemiluminescence, lipid peroxidation, and glutathione status. *Pharmac. Ther.* 33, 179-186.
11. Almar, M.M., Díaz, J. & Romero, F.J. (1987) Glutathione content and GSH S-transferase activity in midgut gland of *Procambarus clarkii*. Sex differences, effect of fasting and their implications in Cadmium toxicity. *Comp. Biochem. Physiol.* 87 C, 433-435.
12. Romero, F.J., Montoro, A., Sáez, G.T., Alberola, A., Gil, F., Viña, J. & Such, L. (1987) Myocardial glutathione alterations in acute coronary occlusion in the dog. *Free Rad. Res. Comms.* 4, 27-30.
13. Romero, F.J., Pallardó, F.V., Bolinches, R., Romá, J., Sáez, G.T., Noll, T. & De Groot, H. (1987) Dependence of hepatic gluconeogenesis on PO₂: inhibitory effects of halothane. *J. Appl. Physiol.* 63, 1776-1780.
14. Alvarez de Laviada, T., Romero, F.J., Sáez, G.T., Antón, V., Antón, V.Jr., Romá, J. & Viña, J. (1987) A simple microassay for the determination of hydrazine in biological

samples. Effect of hydrazine and isoniazid on liver and brain glutathione. *J. Anal. Toxicol.* 11, 260-262.

15. Almar, M.M., Díaz, J., Ferrando, M.D., Núñez, A. & Romero, F.J. (1988) Organ distribution of glutathione and some glutathione related enzymatic activities in *Procambarus clarkii*. Effect of sex, size and nutritional state. *Comp. Biochem. Physiol.* 89B, 471-474.

16. Romero, F.J., Gath, I., Thomas, H., Milbert, U. & Oesch, F. (1988) Purification and characterization of acidic glutathione S-transferases (EC 2.5.1.18) from rat kidney. *Arch. Toxicol.* 12, 366-369.

17. Almar, M.M., Díaz, J., Ferrando, M.D. & Romero, F.J. (1988) Glutathione content, glutathione S-transferase and gamma-glutamyltranspeptidase activities in midgut gland of *Procambarus clarkii*: Time course in the presence of Cadmium. *Biochem. Soc. Trans.* 16, 23-24.

18. Blat, A., Almar, M.M. & Romero, F.J. (1988) The effect of two sulphur-containing pesticides, fenitrothion and endosulfan, on glutathione (GSH) content and on GSH S-transferase and gamma-glutamyl transpeptidase activities in midgut gland of the American red crayfish, *Procambarus clarkii*. *Drug. Metab. Drug Interact.* 6, 383-394.

19. Romero, F.J. & Romá, J. (1989) Careful consideration of the effects induced by glutathione depletion in rat liver and heart. The involvement of cytosolic and mitochondrial glutathione pools. *Chem.-Biol. Interact.* 70, 29-37.

20. Romero, F.J., Almar, M.M., Monsalve, E., Hermenegildo, C., Puertas, F.J., Llopis, J.F. & Romá, J. (1989) El sistema glutatión: su papel en la inactivación de radicales libres, xenobioticos y productos de la peroxidación de lípidos. *Rev. Toxicol.* 6, 101-112.

21. Romero, F.J., Puertas, F.J., Hermenegildo, C., Monsalve, E., Segura-Aguilar, J., Menezo, J.L., Navea, A. & Diaz, M. (1989) El sistema glutatión y otros sistemas antioxidantes: su relación con el desarrollo de cataratas. 1. Contenido de glutatión y actividad de enzimas antioxidantes en humor acuoso y cristalino de enfermo cataratoso. *INVEST. Arch. Soc. Esp. Oftalm.* 2, 75-82.

22. Romero, F.J., Monsalve, E., Hermenegildo, C., Puertas, F.J., Olmos, S. & Almar, M.M. (1990) Mercury effects on glutathione in the freshwater crayfish *Procambarus clarkii*. In vivo and in vitro study. *Toxicol. Environ. Chem.* 29, 1-7.

23. Romero, F.J., Segura-Aguilar, J., Monsalve, E., Hermenegildo, C., Puertas, F.J. & Romá, J. (1990) Antioxidant and glutathione-related enzymatic activities in rat sciatic nerve. *Neurotoxicol. Teratol.* 12, 603-605.

24. Romá, J., Cuervo, A.M., Macián, F., Raya, A., Gallego, J., Llopis, J.E. & Romero, F.J. (1990) Temperature dependence of the toxic effects of phenytoin on peripheral neuromuscular function of the rat tail. *Neurotoxicol. Teratol.* 12, 627-631.

25. Schäfer, A., Wieser, R.J., Romero, F.J. & Oesch, F. (1990) Reduction of glutathione content by 12-O-tetradecanoylphorbol-13-acetate in confluent but not in sparse cultures of human diploid fibroblasts. *Carcinogenesis* 11, 697-699.
26. Segura-Aguilar, J., Cortés-Vizcaino, V., Llombart-Bosch, A., Ernster, L., Monsalve, E. & Romero F.J. (1990) The level of quinone reductases, antioxidant and glutathione-related enzymatic activities in diethylstilbestrol-induced carcinogenesis in the kidney of male syrian golden hamster. *Carcinogenesis* 11, 1727-1732.
27. Hermenegildo, C., Nies, E., Monsalve, E., Puertas, F.J., Higuera, V. & Romero, F.J. (1990) Some aspects of cardiac antioxidant defence: Ebselen (PZ51) treatment increases glutathione peroxidase activity in the rat heart. *Biochem. Soc. Trans.* 18, 1203-1204.
28. Romero, F.J., Monsalve, E., Hermenegildo, C., Puertas, F.J., Higuera, V., Nies, E., Segura-Aguilar, J. & Romá, J. (1991) Oxygen toxicity in the nervous tissue: comparison of the antioxidant defense of rat brain and sciatic nerve. *Neurochem. Res.* 16, 157-161.
29. Monsalve, E., Hermenegildo, C., Nies, E., Puertas, F.J., Almar, M.M., Collado, P.S., Gonzalez, J. & Romero, F.J. (1991) Some glutathione-related enzymatic activities in skeletal muscle and myocardium of the rat. Adaptations to endurance training. *Biochem. Soc. Trans.* 19, 240S.
30. Nies, E., Almar, M.M., Hermenegildo, C., Monsalve, E. & Romero, F.J. (1991) The activity of glutathione S-transferases in hepatopancreas of *Procambarus clarkii*: seasonal variations and the influence of environmental pollutants. *Comp. Biochem. Physiol.* 100C, 65-66.
31. Díaz-Llopis, M., Puertas, J., Navea, A., Romero, J. & Menezo, J.L. (1991) Uveítis experimental inducida por endotoxina: eficacia de la nueva molécula PZ-51 (Ebselén). *Inflamación-93* 2, 433-440.
32. Romero, F.J., Ordoñez, I., Arduini, A. & Cadenas, E. (1992) The reactivity of thiols and disulfides with different redox states of myoglobin. Redox- and addition reactions and formation of thyl radical intermediates. *J. Biol. Chem.* 267, 1680-1688.
33. Romero, F.J., Llopis, J., Felipe, V., Miñana, M.D., Romá, J. & Grisolia, S. (1992) H7, a protein kinase C inhibitor, increases the glutathione content of neuroblastoma cells. *FEBS Lett.* 303, 19-21.
34. Raya, A., Gallego, J., Hermenegildo, C., Puertas, F.J., Romero, F.J., Felipe, V., Miñana, M.D., Grisolia, S. & Romá, J. (1992). Prevention of acute neurotoxic effects of phenytoin on rat peripheral nerve by H7, an inhibitor of protein kinase C. *Toxicology* 75, 249-256.
35. Giulivi, C., Romero, F.J. & Cadenas, E. (1992) The interaction of trolox C, a water-soluble vitamin E analog, with ferrylmyoglobin. Reduction of the oxoferryl moiety. *Arch. Biochem. Biophys.* 299, 302-312.

36. Díaz-Llopis, M., Puertas, F.J., Cortés, V., Navea A. & Romero, F.J. (1992) Eficacia del Ebselen (PZ-51) en la uveítis anterior inducida por endotoxina. Arch. Soc. Esp. Oftalmol. 63, 331-340.
37. Díaz-Llopis, M., Martos, M.J., España, E., Cervera, M., Vila, A.O., Navea, A., Molina, F.J. & Romero F.J. (1992) Liposomally-entrapped ganciclovir for the treatment of cytomegalovirus retinitis in AIDS patients. Experimental pharmacokinetics, toxicity, and clinical trial. Doc. Ophthalmol. 82, 297-305.
38. Navea, A., Puertas, F.J., Cortés, V., Díaz, M. & Romero, F.J. (1992) El sistema glutatión y otros sistemas antioxidantes. Su relación con el desarrollo de cataratas. 2. Correlación anatomopatológica y bioquímica de los grados de madurez de la catarata senil y diabética. St. Ophthal. 11, 119-124.
39. Puertas, F.J., Díaz-Llopis, M., Chipont, E., Romá, J., Raya, A. & Romero, F.J. (1993) Glutathione system of human retina. Enzymatic conjugation of lipid peroxidation products. Free Radical Biol. Med. 14, 549-551.
40. Raya, A., Romá, J., Hermenegildo, C. & Romero, F.J. (1993) Alterations in the antioxidant defense of peripheral nervous tissue following acute ethanol administration. Biochem. Soc. Trans. 21, 92S.
41. Hermenegildo, C., Raya, A., Romá, J. & Romero, F.J. (1993) Decreased glutathione peroxidase activity in sciatic nerve of alloxan-induced diabetic mice and its correlation with blood glucose levels. Neurochem. Res. 18, 893-896.
42. Hermenegildo, C., Felipo, V., Miñana, M.D., Romero, F.J. & Grisolia, S. (1993) Sustained recovery of Na⁺-K⁺-ATPase activity in sciatic nerve of diabetic mice by administration of H7 or calphostin C, inhibitors of PKC. Diabetes 42, 257-262.
43. Cano, J., Navea, A., Díaz, M., Puertas, F.J., Bosch, F. & Romero, F.J. (1993) Vasculitis retiniana experimental inducida por endotoxina: eficacia de la nueva molécula PZ-51 (Ebselén). Annals d'Oftalmologia 3, 20-25.
44. Higuera, V., Raya, A., Rodrigo, J.M., Serra, M.A., Romá, J. & Romero, F.J. (1994) Interferon decreases serum lipid peroxidation products of hepatitis C patients. Free Radical Biol. Med. 16, 131-133.
45. Raya, A., Cuervo, A.M., Macián, F., Romero, F.J. & Romá, J. (1994) Nerve conduction velocity decrease and synaptic transmission alterations in caffeine-treated rats. Neurotoxicol. Teratol. 16, 11-15.
46. Puertas, F.J., Díaz-Llopis, M., Chipont, E., Navea, A., Romá, J., Raya, A., Hermenegildo, C., Bosch-Morell, F. & Romero, F.J. (1994) El sistema defensivo antioxidante de la retina humana. Niveles tisulares de glutatión y enzimas relacionadas y su papel en la peroxidación de lípidos. Arch. Soc. Esp. Oftalmol. 67, 7-11.
47. Díaz-Llopis, M., España, E., Muñoz, G., Navea, A., Chipont, E., Cano, J., Menezo, J.L. & Romero, F.J. (1994) High dose intravitreal foscarnet in the treatment of cytomegalovirus retinitis in AIDS. Br. J. Ophthalmol. 78, 120-124.

48. Bosch-Morell, F., Sanz, A., Navea, A., Raya, A., Iborra, F., Puertas, F.J., Chipont, E., Díaz-Llopi, M. & Romero, F.J. (1994) Productos de la peroxidación de lípidos en el líquido subretiniano de pacientes con desprendimiento de retina. Arch. Soc. Esp. Oftalmol. 67, 391-398.
49. Martinez, M.C., Bosch-Morell, F., Raya, A., Romá, J., Aldasoro, M., Vila, J., Lluch, S. & Romero, F.J. (1994) 4-Hydroxynonenal, a lipid peroxidation product, induces relaxation of human cerebral arteries. J. Cerebral Blood Flow Metab. 14, 693-696.
50. Segura-Aguilar, J., Cremades, A., Llombart-Bosch, A., Monsalve, E., Ersnter, L. & Romero, F.J. (1994) Activity and immunohistochemistry of DT-diaphorase in hamster and human kidney tumors. Carcinogenesis 15, 1631-1636.
51. Bosch-Morell, F., Díaz-Llopi, M., Raya, A., Hermenegildo, C., Puertas, F.J., Romá, J. & Romero, F.J. (1994) Novel aspects of antioxidants and lipid peroxidation in ophthalmic disease. Life Chem. Rep. 12, 101-104.
52. Romero, F.J. & Romá, J. (1995) Glutathione and Protein Kinase C in peripheral nervous tissue. Meth. Enzymol. 252, 146-153.
53. Díaz-Llopi, M., Muñoz, G., Bosch-Morell, F., Cortés, V. & Romero, F.J. (1995) Papel del epitelio pigmentario en el desarrollo de la uveítis anterior inducida por endotoxina. Arch. Soc. Esp. Oftalmol. 68, 117-122.
54. Raya, A., Gallego, J., Bosch-Morell, F., Romá, J. & Romero, F.J. (1995) Phenytoin-induced glutathione depletion in rat peripheral nerve. Free Radical Biol. Med. 19, 665-667.
55. Romero, F.J. (1996) Antioxidants in peripheral nerve. Free Radical Biol. Med. 20, 925-932.
56. Bosch-Morell, F., Sanz, A., Díaz-Llopi, M. & Romero, F.J. (1996) Lipid peroxidation products in human subretinal fluid. Free Radical Biol. Med. 20, 899-903.
57. Müller, W.E.G., Romero, F.J., Pergande, G. & Perovic, S. (1996) Flupirtine: a neuroprotective agent against beta-amyloid-induced apoptosis in vitro. J. Brain Res. 37, 575-577.
58. Romero, F.J., Zukowski, D. & Mueller-Klieser, W. (1997) Glutathione content of V79 cells in two- and three-dimensional culture. Am. J. Physiol. 272, C1507-C1512.
59. Bosch-Morell, F., Sanz, A., Belda, J., Díaz-Llopi, M. & Romero, F.J. (1997) Productos de la peroxidación de lípidos en líquido subretiniano de pacientes miopes y no miopes con desprendimiento de retina. Arch. Soc. Esp. Oftalmol. 72, 327-332.
60. Müller, W.E.G., Romero, F.J., Perovic, S., Pergande, G. & Pialoglou, P. (1997) Protection of flupirtine on beta-amyloid-induced apoptosis in neuronal cells in vitro. Prevention of amyloid-induced glutathione depletion. J. Neurochem. 68, 2371-2377.

61. Romero, F.J., Romero, M.J., Bosch-Morell, F., Martínez, M.C., Medina, P. & Lluch, S. (1997) 4-Hydroxynonenal-induced relaxation of human mesenteric arteries. *Free Radical Biol. Med.* 23, 521-523.
62. Jareño, E.J., Bosch-Morell, F., Fernández-Delgado, R., Donat, J. & Romero, F.J. (1998) Serum malondialdehyde in HIV seropositive children. *Free Radical Biol. Med.* 24, 503-506.
63. Martínez-Blasco, A., Bosch-Morell, F., Trenor, C. & Romero, F.J. (1998) Experimental diabetic neuropathy: Role of oxidative stress and mechanisms involved. *Biofactors* 8, 41-43.
64. Bosch-Morell, F., Martínez-Soriano, F., Colell, A., Fernández-Checa, J.C. & Romero, F.J. (1998) Chronic ethanol feeding induces cellular antioxidants decrease and oxidative stress in rat peripheral nerves. Effect of S-adenosyl-L-methionine and N-acetyl-L-cysteine. *Free Radical Biol. Med.* 25, 365-368.
65. Jareño, E.J., Bosch-Morell, F., Fernández-Delgado, R., Donat, J. & Romero, F.J. (1998) Serum malondialdehyde in HIV seropositive children negatively correlates with CD4⁺ lymphocytes count. *Biofactors* 8, 129-132.
66. Romero, F.J. & Mueller-Klieser, W. (1998) Semiquantitative bioluminescent assay of glutathione. *J. Biolumin. Chemilumin.* 13, 263-266.
67. Romero, F.J., Bosch-Morell, F., Romero, M. J., Jareño, E.J., Romero, B., Marín, N. & Romá J. (1998) Lipid peroxidation products and antioxidants in human disease. *Environ. Health Perspect.* 106 (suppl. 5) 1229-1234.
68. Romero, M.J., Bosch-Morell, F., Romero, B., Rodrigo, J.M., Serra, M.A. & Romero, F.J. (1998) Serum malondialdehyde: possible use for the clinical management of chronic hepatitis C patients. *Free Radical Biol. Med.* 25, 993-997.
69. Belda, J.I., Romá, J., Vilela, C., Puertas, F.J., Díaz-Llopis, M., Bosch-Morell, F. & Romero, F.J. (1999) Serum vitamin E levels negatively correlate with severity of age-related macular degeneration. *Mech. Ageing Dev.* 107, 159-164.
70. Bosch-Morell, F., Romá, J., Puertas, F.J., Díaz-Llopis, M. & Romero, F.J. (1999) Efficacy of the antioxidant ebselen in experimental uveitis. *Free Radical Biol. Med.* 27, 388-391.
71. Romero, F.J., Martínez-Blasco, A., Bosch-Morell, F., Marín, N., Trenor, C. & Romá, J. (1999) Glycemic control and not protein kinase C inhibition prevents the early decrease of glutathione peroxidase activity in peripheral nerve of diabetic mice. *J. Peripher. Nerv. Syst.* 4, 265-269.
72. Bosch-Morell, F., Flohé, L., Marín, N. & Romero, F.J. (1999) 4-Hydroxynonenal inhibits glutathione peroxidase: protection by glutathione. *Free Radical Biol. Med.* 26, 1383-1387.

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