

SYNOPSIS CURRICULUM VITAE

Stand: October 2008

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PERSONALIA

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ACTUAL POSITION

Laboratory of Physiology. Universidad CEU-Cardenal Herrera

UNIVERSITY EDUCATION

Pharmacy studies at the Faculty of Farmacia the University of Navarra, 1985-1990.

Doctor degree (Ph.D.), University of Valencia, 2002.

LIST OF PUBLICATIONS

Journal Publications (peer reviewed)

1. Miranda, M., Muriach, M., Johsen, S., Bosch-Morell, F., Araiz, J., Romá, J. & Romero, F.J. (2004) Estrés oxidativo en un modelo de retinopatía diabética experimental: tratamiento con antioxidantes. Arch. Soc. Esp. Oftalmol. 79: 289-294.
2. Miranda, M., Muriach, M., Almansa, I., Jareño, E., Bosch-Morell, F., Romero, F.J., Silvestre, D. (2004) Effect of storage on oxidative status of human milk. Biofactors 20: 129-137.
3. Miranda, M., Muriach, M., Roma, J., Bosch-Morell, F., Genovés, J.M., Barcia, J., Araiz, J., Díaz-Llopis, M., Romero, F.J. (2006) Oxidative stress in a model of experimental diabetic retinopathy: II. the utility of peroxynitrite scavengers. Arch. Soc. Esp. Oftalmol. 81: 27-32.
4. Muriach, M., Bosch-Morell, F., Alexander, G., Blomhoff, R., Barcia, J., Arnal, E., Almansa, I., Romero, F.J., Miranda, M. (2006) Lutein effect on retina and hippocampus of diabetic mice. Free Radical Biol. Med. 41: 979-984.

5. Miranda-Sanz, M., Johnson, L.E., Ahuja, S., Ekstrom, P.A., Romero, F.J., van Veen T. (2007) Significant photoreceptor rescue by treatment with a combination of antioxidants in an animal model for retinal degeneration. *Neuroscience* 145: 1120-1129.
6. Miranda, M., Bosch-Morell, F., Johnsen-Soriano, S., Barcia, J., Almansa, I., Asensio, S., Araiz, J., Messeguer, A., Romero, F.J. (2007) Oxidative stress in rat retina and hippocampus after chronic MDMA ('ecstasy') administration. *Neurochem. Res.* 32, 1156-1162.
7. Johnsen-Soriano, S., Bosch-Morell, F., Miranda, M., Asensio, S., Barcia, J.M., Romá J., Monfort, P., Felipo, V., Romero, F.J. (2007) Ebselen prevents chronic alcohol-induced rat hippocampal stress and functional impairment. *Alcohol. Clin. Exp. Res.* 31, 486-492.
8. Miranda, M., Bosch-Morell, F., Belda, J.I., García-Manzanares, M.D., Barcia, J., Alió, J.L., Romero, F.J. (2007) Protective effect of viscoelastics against retina lipid peroxidation. *Ophthalmic Res.* 39, 260-264.
9. Barcia, J.M., Muriach, M., Miranda, M., Bosch-Morell, F., Romero, F.J. (2007) Localization of bcl-2 in the mouse brain: an anatomical study by immunohistochemistry. *Eur. J. Anat.* 11, 69-76.
10. Miranda, M., Muriach, M., Almansa, I., Arnal, E., Messeguer, A., Díaz-Llopis, M., Romero, F.J., Bosch-Morell, F. (2007) CR-6 protects glutathione peroxidase activity in experimental diabetes. *Free Radical Biol. Med.* 43, 1494-1498.
11. Silvestre D, Miranda M, Muriach M, Almansa I, Jareño E, Romero FJ. (2008). Antioxidant capacity of human milk: effect of thermal conditions for the pasteurization. *Acta Paediatr.* 97, 1070-4.
12. Johnsen-Soriano, S., García-Pous, M., Sancho-Tello, M., García-Delpech, S., Miranda, M., Bosch-Morell, F. Díaz-Llopis, M., Navea, A., Romero, F.J. (2008) Early lipoic acid intake protects retina of diabetic mice. *Free Radic Res.* 2008 Jul;42(7):613-7.
13. Arnal E, Miranda M, Almansa I, Muriach M, Barcia JM, Romero FJ, Díaz-Llopis M, Bosch-Morell F. Lutein prevents cataract development and progression in diabetic rats. *Graefes Arch Clin Exp Ophthalmol.* 2008 Sep 3. [Epub ahead of print]