



Articoli pubblicati dal gruppo di ricerca di Manuela Aragno

Partner in Argentina: Universidad de Buenos Aires

nell'ambito della collaborazione nei temi: diabete e stress ossidativo, patologia metabolica e infiammatoria del fegato, danno cellulare in situazioni di ischemia/reperfusione. Individuazione di vie di segnale stress ossidative dipendenti in condizioni di disordini metabolici. Possibili strategie di prevenzione mediante antiossidanti.

periodo 2006 - 2009

1. M. Collino, **M. Aragno**, R. Mastrolcola, M. Galicchio, AC. Rosa, C. Dianzani, O. Danni, C. Thiemermann, R. Fantozzi. Modulation of the oxidative stress and inflammatory response by peroxisome proliferator-activated receptor-gamma agonist in the hippocampus of rats exposed to cerebral ischemia reperfusion. *Eur J Pharmacol.* **530**, 70-80, 2006 **I.F. 2.787**
2. M. Collino, **M. Aragno**, R Mastrolcola, E Benetti, M Galichio, C Dianzani, O Danni, C Thiemermann, R Fantozzi. Oxidative stress and inflammatory response evoked by transient cerebral ischemia/reperfusion: effects of the PPAR-alpha agonist WY14643. *Free Radical Bio Med* **41**, 579-589, 2006 **I.F. 5.399**
3. **M. Aragno**, R Mastrolcola, C Medana, MG Catalano, I Vercellinatto, O Danni, G Bocuzzi. Oxidative stress-dependent impairment of cardiac specific transcription factors in experimental diabetes. *Endocrinology* **147**, 5967-5974, 2006 **I.F. 4.945**
4. E Zamara, S Galestri, S Aleffi, I Petrai, **M Aragno**, R Mastrolcola, E Novo, C Bertolani, S Dilani, F Vizzutti, A Vercelli, M Pinzani, G Laffi, G Lavilla, M Parakla, F Marra. Prevention of severe toxic liver injury and oxidative stress in MCP-1 deficient mice *J Hepatology* **46**, 230-238, 2007 **I.F. 7.056**
5. Brignardello E, Runzo C, **Aragno M**, Catalano MG, Cassader M, Perin PC, Bocuzzi G. Dehydroepiandrosterone administration counteracts oxidative imbalance and advanced glycation end product formation in type 2 diabetic patients. *Diabetes Care*. **30**(11):2922-7, 2007 **IF. 7.34**
6. **Aragno M**, Mastrolcola R, Alloatti G, Vercellinatto I, Bardini P, Geuna S, Catalano MG, Danni O, Bocuzzi G. Oxidative stress triggers cardiac fibrosis in the heart of diabetic rats. *Endocrinology*. **149**(1):380-8, 2008 **I.F. 4.945**

7. Mastrocola R, Reffo P, Penna F, Tomasinelli CE, Bocuzzi G, Baccino FM, **Aragno M**, Costelli P Muscle wasting in diabetic and in tumor-bearing rats: role of oxidative stress. *Free Radic Biol Med.* **44**(4):584-93, 2008 . **I.F. 5.399**
8. Tamagno E, Guglielmotto M, **Aragno M**, Borghi R, Autelli R, Giliberto L, Muraca G, Danni O, Zhu X, Smith MA, Perry G, Jo DG, Mattson MP, Tabaton M Oxidative stress activates a positive feedback between the gamma- and beta-secretase cleavages of the beta-amyloid precursor protein. *J Neurochem.* **104**(3):683-95, 2008. **I.F. 4.500**
9. Collino M, Thiemermann C, Mastrocola R, Gallicchio M, Benetti E, Miglio G, Castiglia S, Danni O, Murch O, Dianzani C, **Aragno M**, Fantozzi R. Treatment with the glycogen synthase kinase-3beta inhibitor, TDZD-8, affects transient cerebral ischemia/reperfusion injury in the rat hippocampus. *Shock.* **30**(3):299-307, 2008.**I.F. 3.39**
10. Collino M, **Aragno M**, Castiglia S, Tomasinelli C, Thiemermann C, Bocuzzi G, Fantozzi R nsulin reduces cerebral ischemia/reperfusion injury in the hippocampus of diabetic rats: a role for glycogen synthase kinase-3beta. *Diabetes.* **58**(1):235-42, 2009. **I.F. 8.398**
11. **Aragno M**, Meineri G, Vercellinatto I, Bardini P, Raimondo S, Peiretti PG, Vercelli A, Alloatti G, Tomasinelli CE, Danni O, Bocuzzi G. Cardiac impairment in rabbits fed a high-fat diet is counteracted by dehydroepiandrosterone supplementation. *Life Sci.* **85**:77-84, 2009 **I.F. 2.583**
12. Guglielmotto M, **Aragno M**, Autelli R, Giliberto L, Novo E, Colombatto S, Danni O, Parola M, Smith MA, Perry G, Tamagno E, Tabaton M The up-regulation of BACE1 mediated by hypoxia and ischemic injury: role of oxidative stress and HIF1alpha. *J Neurochem.* **108**(4):1045-56, 2009 **I.F. 4.500**
13. **Aragno M**, Tomasinelli CE, Vercellinatto I, Catalano MG, Collino M, Fantozzi R, Danni O, Bocuzzi G. SREBP-1c in nonalcoholic fatty liver disease induced by Western-type high-fat diet plus fructose in rats. *Free Radic Biol Med.* **47**(7):1067-74. 2009 **I.F. 5.399**

Meineri G Ingravalle F, Radice E, **Aragno M** Peiretti PG Effect of high diets and *Spirulina plantensis* supplementation in New Zealand white rabbits JAVA-MJ accepted 2009