

Marta Vittoria Menegazzi

Curriculum vitae

Dati Personali:

Marta Vittoria Menegazzi

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Nazionalità italiana

Luogo di nascita: Verona

Residenza: Piazza San Nicolò, 6, 37121, Verona

Data di nascita: 18 Aprile 1956

Formazione e posizione accademica:

2017: Qualificazione Nazionale a Professore Ordinario in Biochimica (BIO/10)

2001/ad oggi: Professore Associato in Biochimica (BIO/10), Università di Verona

1986/2001: Funzionario Tecnico, Sezione di Chimica Biologica, Università di Verona

2001/ad oggi: Professore incaricato di Chimica (7 cfu) e Biochimica (7 cfu), Corso di Laurea in Odontoiatria, Scuola Medica, Università di Verona

1979: Laurea in Scienze Biologiche (110/110), Università di Bologna

1975: Scuola Secondaria diploma di Maturità Scientifica presso il Liceo Scientifico "G. Fracastoro", Verona.

Indici bibliometrici:

La prof.ssa Menegazzi è autore di **105** lavori in extenso su riviste scientifiche internazionali

Impact Factor totale: 440

IF medio per lavoro: 4.36 calcolato sui 101 lavori pubblicati su riviste con impact factor (IF)

Hirsch index totale: 36 (Scopus)

Numero di citazioni totali: 3744 (Scopus)

Principali esperienze e interessi di ricerca:

Gli interessi principali della Prof.ssa Menegazzi sono rivolti allo studio dell'infiammazione e del cancro. In particolare, all'identificazione dei meccanismi molecolari con i quali proteine, farmaci e/o molecole di estrazione vegetale somministrate in cellule in coltura influenzano l'espressione genica e ne modificano la risposta cellulare.

La Prof.ssa Menegazzi ha una consolidata esperienza nello studio della regolazione trascrizionale di geni attivati da insulti patogenici. In passato ha studiato la regolazione di espressione e attività di Poly(ADP-riboso) polimerasi e della forma inducibile dell'Ossido Nitrico Sintasi in modelli *in vitro* e *in vivo*.

Negli ultimi 15 anni la Prof.ssa Menegazzi ha focalizzato i suoi studi scientifici sulla regolazione della trasduzione del segnale che parte da citochine infiammatorie. In particolare, come alcuni composti naturali di origine vegetale possano modulare l'attivazione di fattori di trascrizione quali: STAT1, 3 e 6, NF- κ B, AP1, Bach1 e Nrf2, in differenti modelli cellulari *in vitro* e *in vivo* di infiammazione, diabete ed altre patologie. Inoltre, negli ultimi anni ha lavorato con il collega Prof. Giovanni Gotte su cellule di melanoma maligno con l'intento di individuare i meccanismi molecolari dell'attività antitumorale della ribonucleasi di anfibio Onconasi.

La Prof.ssa Menegazzi ha numerose collaborazioni con colleghi italiani e stranieri: dr. Perahia (Cachan, France), prof.ssa Boix (Barcellona, Spagna), prof.ssa Piacente e prof. Pizza (Univ. Salerno), prof.ssa Novelli, prof. Masiello, prof. Corti (Univ. Pisa), Prof. Scarabelli (Wayne State University School of Medicine, Boston, USA), dr. Stephanou (University College of London, UK), prof. Cuzzocrea e prof.ssa Di Paola (Univ. Messina), prof. Pizzo (Univ. Napoli, Federico II), prof. Bani e prof.ssa Masini (Univ. Firenze), prof. Columbano (Univ. Cagliari), dr. Moccheggiani (INRCA, Ancona), dr. Malavolta (INRCA, Ancona), Prof. Forstermann and Prof. Kleinert (University of Mainz, Germany).

La Prof.ssa Menegazzi è membro degli Editorial Boards di riviste scientifiche internazionali quali:

-International Journal of Molecular Sciences (IF 5.6), Section Board for 'Bioactives and Nutraceuticals'

-Journal of Biochemistry and Molecular Biology Research

-Advances in Biochemistry.

È stata PI di Unità Operativa locale di due progetti PRIN finanziati:

-2004 “La Poli(ADP-riboso) polimerasi: implicazioni fisiopatologiche per approcci terapeutici innovativi”;

-2007: "Study of the role played by PARP-1 in the signal transduction pathways occurring in asthma-associated inflammatory processes."

È stata PI di due progetti Joint Project finanziati dall'Ateneo di Verona:

-2013-2015: “Phytonutrients modulation of AMPK energy metabolism in hepatocytes”;

-2016-2017: “Modulazione della funzionalità di adipociti e fibroblasti nella lipodistrofia della pelle da parte di dicaffeoilchinnici di estrazione vegetale”.

Ha inoltre collaborato a numerosi progetti di ricerca finanziati:

PRIN 1994, e PRIN 1995 “Infiammazione”;

PRIN 1996 “Regolazione della NOS in astrociti umani”;

PRIN 1997 “cross-talk tra NO e NOS nell'infiammazione”;

PRIN 2000 “Meccanismi regolatori sulla produzione di NO”;

Fondazione Cariverona Bando 2007;

Fondazione Cariverona Bando 2008.

Thelethon n° GJT08016 BANDO 2009 “Protective effects of plant components against cytokine-induced pancreatic beta-cell dysfunction and death and exploration of the underlying mechanisms”.

Elenco delle 101 pubblicazioni su riviste internazionali con IF, aggiornate a Febbraio 2024:

1. Scarpa A., Bonetti F., Menestrina F., **Menegazzi M.**, Chilosi M., Lestani M., Bovolenta C., Zamboni G. and Fiore Donati L. **Mediastinal large-cell lymphoma with sclerosis.** *Virchows Archiv A* 412, 17-21, 1987.
IF. 2.868 Cit. 63
2. Apostoli P., Romeo L., De Matteis M.C., **Menegazzi M.**, Faggionato G. and Vettore L. **Effects of lead on red blood cell membrane proteins.** *International Archives of Occupational and Environmental Health* 61, 71-75, 1988.
IF. 2.025 Cit. 17
3. **Menegazzi M.**, Gerosa F., Tommasi M., Uchida K., Miwa M., Sugimura T. and Suzuki H. **Induction of poly(ADP-ribose) polymerase gene expression in lectin-stimulated human T lymphocytes is dependent on protein synthesis.** *Biochemical and Biophysical Research Communications* 156, 995-999, 1988. IF. 2.705 Cit. 43
4. Delva P., Degan M., Capra C., Fallo F., Mantero F., **Menegazzi M.**, Lechi C., Steele A., Lechi A. **Plasma ouabain-like activity in essential hypertensive patients and in subjects with primary aldosteronism.** *Mineral and Electro Metabolism* 15, 315-320, 1989.
IF. 1.229 Cit. 11
5. **Menegazzi M.**, Carcereri de Prati A., Ledda-Columbano G.M., Columbano A., Uchida K., Miwa M. and Suzuki H. **Regulation of poly(ADP-ribose) polymerase mRNA levels during compensatory and mitogen induced growth of rat liver.** *Archives of Biochemistry and Biophysics*. 279, 232-236, 1990. IF. 3.559 Cit. 20
6. Cesarone C.F., Scarabelli L., Scovassi A.I., Izzo R., **Menegazzi M.**, Carcereri de Prati A., Orunesu M. and Bertazzoni U. **Changes in activity and mRNA levels of poly(ADP-ribose) polymerase during rat liver regeneration.** *Biochimica et Biophysica Acta (GSE)* 1087, 241-246, 1990.
IF. 4.599 Cit. 34
7. Berton G., Sorio C., Laudanna C., **Menegazzi M.**, Carcereri de Prati A. and Suzuki H. **Activation of human monocyte-derived macrophages by interferon-gamma is accompanied by increase of poly(ADP-ribose) polymerase activity.** *Biochimica et Biophysica Acta (MCR)* 1091, 101-109, 1991. IF. 4.739 Cit. 23
8. **Menegazzi M.**, Grassi-Zucconi G., Carcereri de Prati A., Ogura T., Poltronieri P., Nyunoya H., Shiratori-Nyunoya Y., Miwa M., Suzuki H. **Differential expression of poly(ADP-ribose) polymerase and DNA polymerase β in rat tissues.** *Experimental Cell Research* 197, 66-74, 1991.
IF. 3.329 Cit. 27
9. Suzuki H., **Menegazzi M.**, Carcereri de Prati A., Ogura T., Esumi H., Matsukage A. and Libonati M. **Induction of DNA polymerase β during proliferation of mitogen-stimulated human lymphocytes.** *Biochemical and Biophysical Research Communications* 181, 623-628, 1991.
IF. 2.705 Cit.10
10. Armato U., Testolin L., **Menegazzi M.**, Menapace L., Ribecco M., Carcereri de Prati A., Miwa M. and Suzuki H. **The exposure of carcinogen-initiated primary neonatal rat hepatocytes to tumor promoter modulates both the transcripts and the enzymatic activity of nuclear poly(ADP-ribose) polymerase.** *Biochemical and Biophysical Research Communications* 182, 1066-1074, 1992.
IF. 2.705 Cit. 8
11. **Menegazzi M.**, Suzuki H., Carcereri de Prati A., Tommasi M., Miwa M., Gandini G. and Gerosa F. **Increase of poly(ADP-ribose) polymerase mRNA levels during TPA-induced differentiation of human lymphocytes.** *FEBS letters* 297, 59-62, 1992.
IF. 2.675 Cit. 13
12. **Menegazzi M.**, Carcereri de Prati A., Miwa M, Suzuki H. and Libonati M. **Regulation of poly(ADP-ribose) polymerase gene expression in mitogen-stimulated human peripheral blood mononuclear cells.** *Biochemistry International* 26, 69-77, 1992.
Cit.3
13. **Menegazzi M.**, Carcereri de Prati A., Ogura T., Columbano A., Ledda-Columbano G.M., Libonati M., Esumi H. and Suzuki H. **Involvement of DNA polymerase β in proliferation of rat liver induced by lead nitrate or by partial hepatectomy.** *FEBS Letters* 310, 135-138, 1992.
IF. 2.675 Cit. 11
14. Grassilli E., Carcereri de Prati A., Monti D., Troiano L., **Menegazzi M.**, Barbieri D., Franceschi C. and Suzuki H. **Studies of the relationship between cell proliferation and cell death: expression of nuclear oncogenes during concanavalin A-induced proliferation or dexamethasone-induced apoptosis of rat thymocytes.** *Biochemical and Biophysical Research Communications* 188, 1261-1266, 1992.
IF. 2.705 Cit. 69

15. Zucconi-Grassi G., Carcereri de Prati A., **Menegazzi M.**, Cosi C. and Suzuki H. **DNA repair enzymes in the brain: DNA polymerase β and poly(ADP-ribose) polymerase.** *Annals of the New York Academy of Sciences* 663, 432-435, 1992. **IF. 4.295 Cit. 4**
16. Coni P., Simbula G., Carcereri de Prati A., **Menegazzi M.**, Suzuki H., Sarma D., Ledda-Columbano G.M. and Columbano A. **Differences in the steady-state levels of *c-fos*, *c-jun* and *c-myc* messenger RNA during mitogen-induced liver growth and compensatory regeneration.** *Hepatology* 17, 1109-1116, 1993. **IF. 14.971 Cit. 69**
17. Armato U., Wu J., **Menegazzi M.**, Menapace L., Ribecco M., Testolin L., Carcereri de Prati A. and Suzuki H. **The *in utero* initiation with DMN alters the complement of cytosolic glutathione S-transferases and the phenobarbital-induced expression of *c-jun* and *c-myc* oncogenes in primary neonatal rat hepatocytes.** *Cytotechnology* 11, S18-20, 1993. **IF. 1.720 Cit. 3**
18. Grassi-Zucconi G., **Menegazzi M.**, Carcereri De Prati A., Bassetti A., Montagnese P., Mandile P., Cosi C. and Bentivoglio M. ***c-fos* mRNA is spontaneously induced in the rat brain during the activity period of the circadian cycle.** *European Journal of Neuroscience* 5, 1071-1078, 1993. **IF. 2.784 Cit. 102**
19. Grassi-Zucconi G., **Menegazzi M.**, Carcereri de Prati A., Vescia S. and Bentivoglio M. **Different programs of gene expression are associated with different phases of the 24 hrs and sleep-wake cycles.** *Chronobiologia* 21, 93-97, 1994. **Cit. 15**
20. Cosi C., Suzuki H., Milani D., Facci L., **Menegazzi M.**, Vantini G., Kanai Y., and Skaper S.D. **Poly (ADP-ribose) Polymerase: early involvement in glutamate-induced neurotoxicity in cultured cerebellar granule cells.** *Journal of Neuroscience Research* 39, 38-46, 1994. **IF. 4.139 Cit. 125**
21. **Menegazzi M.**, Carcereri de Prati A. and Grassi-Zucconi G. **Differential expression pattern of *jun B* and *c-jun* in the rat brain during the 24-h cycle.** *Neuroscience Letters* 182, 295-298, 1994. **IF. 2.173 Cit. 18**
22. Armato U., **Menegazzi M.**, Guerriero C., Cardinale C., Carcereri de Prati A., Tognana E., Musajo F. and Suzuki H. **Induction of nitric oxide synthase gene expression by phorbol myristate acetate in primary neonatal hepatocytes.** *Journal Experimental Clinical Cancer Research* 14, 126-127, 1995. **IF. 5.646 Cit. 1**
23. Mariotto S., **Menegazzi M.**, Carcereri de Prati A., Cuzzolin L., Adami A., Suzuki H., and Benoni G. **Protective effect of nitric oxide on the gastric lesions and inhibition of the expression of gastric inducible nitric oxide synthase by flurbiprofen, and its nitro-derivative, nitroflurbiprofen.** *British Journal Pharmacology* 116, 1713-1714, 1995. **IF. 6.584 Cit. 31**
24. Suzuki H., **Menegazzi M.**, Carcereri de Prati, A., Mariotto, S. and Armato U. **Nitric oxide in the liver: physiopathological roles.** *Advances in Neuroimmunology* 5, 379-410, 1995. **IF. 2.433 Cit. 30**
25. Colasanti M., Persichini T., **Menegazzi M.**, Mariotto S., Giordano E., Caldarera C.M., Sogos V., Lauro G.M. and Suzuki H. **Induction of nitric oxide synthase mRNA expression. Suppression by exogenous nitric oxide.** *Journal of Biological Chemistry* 270, 26731-26733, 1995. **IF. 4.106 Cit. 214**
26. **Menegazzi M.**, Guerriero C., Carcereri de Prati A., Cardinale C., Suzuki H. and Armato U. **TPA and cycloheximide modulate the activation of NF- κ B and the induction and stability of nitric oxide synthase transcript in primary neonatal rat hepatocytes.** *FEBS Letters* 379, 279-285, 1996. **IF. 2.675 Cit. 15**
27. Ennas MG., Suzuki H., **Menegazzi M.**, Carcereri A., Hanaoka F., Gremo F., Nieddu M. and Mezzanotte R. **On the presence of DNA polymerase α in human lymphocyte nuclei and chromosomes.** *Heredity* 77, 186-191, 1996. **IF. 3.179 Cit. 1**
28. **Menegazzi M.**, Carcereri de Prati A., Suzuki H., Shinozuka H., Pibiri M., Piga R., Columbano A. Ledda-Columbano G.M. **Liver cell proliferation induced by nafenopin and cyprotenone acetate is not associated with increases in activation of transcription factors NF- κ B and AP-1 or with expression of tumor necrosis factor- α .** *Hepatology* 25, 585-592, 1997. **IF. 14.971 Cit. 62**
29. Cosi C., Suzuki H., Skaper S.D., Milani D., Facci L., **Menegazzi M.**, Vantini G., Kanai Y., Degryse A., Colpaert F., Koek W., and Marien M.R. **Poly (ADP-ribose) Polymerase revisited. A new role for an old enzyme: PARP involvement in neurodegeneration and PARP inhibitors as possible neuroprotective agents.** *Annals of the New York Academy of Sciences* 825, 366-379, 1997. **IF. 4.295 Cit. 19**

30. Ledda-Columbano G.M., Curto M., Piga, R., Zedda A.I., **Menegazzi M.**, Sartori C., Shinozuka H., Bluethmann H., Poli V., Ciliberto G., and Columbano A. **In vivo hepatocyte proliferation is inducible through a TNF and IL-6-independent pathway.** *Oncogene* 17, 1039-1044, 1998. IF. 6.634 Cit. 86
31. Colasanti M., Persichini T., Cavaliere E., Fabrizi C., Mariotto S., **Menegazzi M.**, Lauro M.G. and Suzuki H. **Rapid inactivation of NOS-I by lipopolysaccharide plus interferon- γ -induced tyrosine phosphorylation.** *Journal of Biological Chemistry* 274, 9915-9917, 1999. IF. 4.106 Cit. 41
32. **Menegazzi M.**, Scarpa A., Carcereri de Prati A., Menestrina F., and Suzuki H. **Correlation of poly (ADP-ribose) polymerase and p53 expression levels in high-grade lymphomas.** *Molecular Carcinogenesis* 25, 256-261, 1999. IF. 3.411 Cit. 21
33. Scarpa A., Moore P.S., Rigaud G., Inghirami G., Montresor M., **Menegazzi M.**, Todeschini G., and Menestrina F. **Molecular features of primary mediastinal B-cell lymphoma: involvement of p16 INK4A, p53 and c-myc.** *British Journal of Haematology* 107, 106-113, 1999. IF. 6.584 Cit. 41
34. Pibiri M., Ledda-Columbano G.M., Cossu C., Simbula G., **Menegazzi M.**, Shinozuka H., Columbano A. **Cyclin D1 is an early target in hepatocyte proliferation induced by thyroid hormone (T3).** *FASEB Journal* 15, 1006-1013, 2001. IF. 5.391 Cit. 120
35. **Menegazzi M.**, Tedeschi E., Dussin D., Carcereri A., Cavaliere E., Mariotto S., and Suzuki H. **Anti-interferon- γ action of epigallocatechin-3-gallate by specific inhibition of STAT-1 activation.** *FASEB Journal* 10.1096/fj.00-0519fje, March 12, 2001. IF. 5.391 Cit. 70
36. Fabrizi C., Silei V., **Menegazzi M.**, Salmona, M., Tagliavini, F., Suzuki H., Lauro G. **The stimulation of inducible nitric-oxide synthase by the prion protein fragment 106-126 in human microglia is Tumor Necrosis Factor- α -dependent and involves p38 Mitogen-Activated Protein Kinase.** *Journal of Biological Chemistry* 276, 25692-25696, 2001. IF. 4.106 Cit. 57
37. Tantini B., Pignatti C., Fattori M., Flamigni F., Stefanelli C., Giordano E., **Menegazzi M.**, Clò C., Caldarera C.M. **NF- κ B and ERK cooperate to stimulate DNA synthesis by inducing ornithine decarboxylase and nitric oxide synthase in cardiomyocytes treated with TNF and LPS.** *FEBS Letters* 512, 75-79, 2002. IF. 2.675 Cit. 24
38. Delva P., Lechi A., Pastori C., Degan M., Sheiban I., Montesi G., Pea M., Meneguzzi A. and **Menegazzi M.** **Collagen I and III mRNA gene expression and cell growth potential of skin fibroblasts in patients with essential hypertension.** *J Hypertens* 20, 1393-1399, 2002. IF.4.209 Cit. 18
39. Tedeschi E., Suzuki H. and Menegazzi M. **Antiinflammatory action of EGCG, the main component of green tea, through STAT-1 inhibition.** *Annals New York Academy of Sciences*, 973, 435-437, 2002 IF. 4.295 Cit. 99
40. Tedeschi E., **Menegazzi M.**, Margotto D., Suzuki H., Forstermann U. and Kleinert H. **Anti-inflammatory actions of St. John's Wort: inhibition of human inducible nitric-oxide synthase expression by down-regulating Signal Transduction and Activation of Transcription-1 α (STAT-1 α) activation.** *Journal of Pharmacology and Experimental Therapeutics*, 307, 254-261, 2003. IF. 3.615 Cit. 88
41. Tedeschi E., **Menegazzi M.**, Yao Y., Suzuki H., Forstermann U. and Kleinert H. **Green tea inhibits human iNOS expression by down-regulating STAT-1 α activation.** *Molecular Pharmacology* 65, 111-120, 2004. IF. 3.853 Cit. 104
42. Mariotto S., **Menegazzi M.** and Suzuki H. **Biochemical aspects of nitric oxide.** *Current Pharmaceutical Design* 10, 1627-1645, 2004 IF. 2.412 Cit. 67
43. Mocchegiani E., Giacconi R., Cipriano C., Gasperini N., Malavolta M., **Menegazzi M.**, Cavaliere E., Muzzioli M., Ciampa A. and Suzuki H. **The variations during the circadian cycle of NKT gamma/delta cells in the liver lead to successful ageing. Role of metallothionein/IL-6/gp130/PARP-1 interplay in very old mice.** *Experimental Gerontology* 39: 775-788, 2004. IF 3.080 Cit. 51

44. Townsend P.A., Scarabelli T.M., Pasini E., Gitti G., **Menegazzi M.**, Suzuki H., Knight R.A., Latchman D.S., Stephanou A. **Epigallocatechin-3-gallate inhibits STAT-1 activation and protects cardiac myocytes from ischemia/reperfusion-induced apoptosis.** *FASEB Journal* 10.1096/fj.04-1716fje, August 19, 2004
IF. 5.381 Cit. 176
45. Di Paola R., Mazzon E., Muia C., Genovese T., **Menegazzi M.**, Zaffini R., Suzuki H., Cuzzocrea S. **Green tea polyphenol extract attenuates lung injury in experimental model of carrageenan-induced pleurisy in mice.** *Respir Res* 6, 66-78, 2005.
IF. 3.829 Cit. 51
46. Mazzon E., Muia C., Di Paola R., Genovese T., **Menegazzi M.**, De Sarro A., Suzuki H., Cuzzocrea S. **Green tea polyphenol extract attenuates colon injury induced by experimental colitis.** *Free Radic Res*, 39, 1017-1025, 2005.
IF. 2.825 Cit. 87
47. Tranquilli A.L., Giannubilo S.R., Tedeschi E., Bezzeccheri V., Suzuki H., **Menegazzi M.** **Placental expression of nitric oxide synthase during HELLP syndrome: the correlation with maternal fetal Doppler velocimetry.** *Acta Obstet Gynecol Scand.* 84, 849-853, 2005.
IF. 2.741 Cit. 10
48. Carcereri de Prati A., Ciampa A.R., Cavalieri E., Zaffini R., Darra E., **Menegazzi M.**, Suzuki H. **STAT-1 as a new molecular target of anti-inflammatory treatment.** *Current Medicinal Chemistry*, 12, 1819-1828, 2005.
IF. 3.894 Cit. 78
49. Di Paola R., Muia C., Mazzon E., Genovese T., Crisafulli C., **Menegazzi M.**, Caputi A.P., Suzuki H., Cuzzocrea S. **Effects of Hypericum perforatum extract in a rat model of ischemia and reperfusion injury.** *Shock*, 24, 255-263, 2005.
IF. 3.083 Cit. 30
50. Columbano A., Ledda-Columbano G.M., Pibiri M., Cossu C., **Menegazzi M.**, Moore D.D., Huang W, Tian J., Cocker J. **Gadd45beta is induced through a CAR-dependent, TNF-independent pathway in murine liver.** *Hepatology*, 42, 1118-1126, 2005.
IF. 14.971 Cit. 83
51. Muia C., Mazzon E., Di Paola R., Genovese T., **Menegazzi M.**, Caputi A.P., Suzuki H., Cuzzocrea S. **Green tea polyphenol extract attenuates ischemia/reperfusion injury of the gut.** *Naunyn-Schmiedeberg's Arch Pharmacol*, 371, 364-374, 2005.
IF. 2.058 Cit. 32
52. Genovese T., Mazzon E., Mariotto S., **Menegazzi M.**, Cardali S., Conti A., Suzuki H., Bramanti P, Cuzzocrea S. **Modulation of nitric oxide homeostasis in a mouse model of spinal cord injury.** *J Neurosurg Spine.* 4: 145-53, 2006.
IF. 2.998 Cit. 47
53. Genovese T., Mazzon E., Di Paola R., Muia C., Crisafulli C., **Menegazzi M.**, Malleo G., Suzuki H., Cuzzocrea S. **Hypericum perforatum attenuates the development of cerulein-induced acute pancreatitis in mice.** *Shock* 25: 161-167, 2006.
IF. 3.084 Cit. 44
54. Bani D., Giannini I., Ciampa A., Masini E., Suzuki Y., **Menegazzi M.**, Suzuki H. **Epigallocatechine-3-gallate reduces allergen-induced asthma-like reaction in sensitised guinea pigs.** *J Pharmacol Exp Ther* 317: 1002-1011, 2006.
IF. 3.615 Cit. 32
55. Miscusi M, Ebner F, Ceccariglia S, **Menegazzi M.**, Mariotto S, Berra L, Del Fa A, Gangitano C, Lauretti L, Missori P, Delfini R, Suzuki H. **Early nuclear factor-kappaB activation and inducible nitric oxide synthase expression in injured spinal cord neurons correlating with a diffuse reduction of constitutive nitric oxide synthase activity.** *J Neurosurg Spine.* 4:485-493, 2006.
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56. Genovese T, Mazzon E, **Menegazzi M.**, Di Paola R, Muià C, Crisafulli C, Bramanti P, Suzuki H, Cuzzocrea S. **Neuroprotection and enhanced recovery with hypericum perforatum extract after experimental spinal cord injury in mice.** *Shock.* 25: 608-617, 2006.
IF. 3.083 Cit. 26
57. Di Paola R., Mazzon E., Muia C., Crisafulli C., Genovese T., Di Bella P., Esposito E., **Menegazzi M.**, Meli R., Suzuki H., Cuzzocrea S. **Green tea polyphenol extract attenuates zymosan-induced non-septic shock in mice.** *Shock* 26: 402-409, 2006.
IF. 3.083 Cit. 30
58. **Menegazzi M.**, Di Paola R, Mazzon E, Muià C, Genovese T, Crisafulli C, Suzuki H, Cuzzocrea S. **Hypericum perforatum attenuates the development of carrageenan-induced lung injury in mice.** *Free Radic Biol Med.* 40: 740-753, 2006.
IF. 5.657 Cit. 39

59. Di Paola R, Mazzon E, Muià C, Crisafulli C, Genovese T, Di Bella P, Esposito E, **Menegazzi M**, Meli R, Suzuki H, Cuzzocrea S. **Protective effect of Hypericum perforatum in zymosan-induced multiple organ dysfunction syndrome: relationship to its inhibitory effect on nitric oxide production and its peroxynitrite scavenging activity.** *Nitric Oxide*. 16: 118-130, 2007. **IF. 3.371 Cit. 28**
60. Romanelli P., Di Matteo L., Cobellis G., Varriale B., **Menegazzi M.**, Gironi Carnevale U.A., Ruocco L.A., Sadile A.G. **Transcription factor expression, RNA synthesis and NADPH-diaphorase across the rat brain and exposure to spatial novelty.** *Behavioural Brain Research* 184: 91-100, 2007. **IF. 2.770 Cit. 10**
61. **Menegazzi M**, Novelli M, Beffy P, D'Aleo V, Tedeschi E, Lupi R, Zoratti E, Marchetti P, Suzuki H, Masiello P. **Protective effects of St. John's wort extract and its component hyperforin against cytokine-induced cytotoxicity in a pancreatic beta-cell line.** *Int J Biochem Cell Biol*. 40: 1509-1520, 2008. **IF. 3.144 Cit. 42**
62. Giannubilo SR, **Menegazzi M**, Tedeschi E, Bezzeccheri V, Suzuki H, Tranquilli AL. **Doppler analysis and placental nitric oxide synthase expression during fetal growth restriction.** *J Matern Fetal Neonatal Med*. 21: 617-22, 2008. **IF. 1.569 Cit. 17**
63. **Menegazzi M**, Di Paola R, Mazzon E, Genovese T, Crisafulli C, Dal Bosco M, Zou Z, Suzuki H, Cuzzocrea S. **Glycyrrhizin attenuates the development of carrageenan-induced lung injury in mice.** *Pharmacol Res*. 58: 22-31, 2008. **IF. 5.574 Cit. 102**
64. Di Paola R, Menegazzi M, Mazzon E, Genovese T, Crisafulli C, Dal Bosco M, Zou Z, Suzuki H, Cuzzocrea S. **Protective effects of glycyrrhizin in a gut hypoxia (ischemia)-reoxygenation (reperfusion) model.** *Intensive Care Med*. 35: 687-697, 2009. **IF. 18.967 Cit. 28**
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