

Pastoris pubblicazioni

1. BALESTRA B, VICINI R, CREMON C, ZECCHI L, DOTHEL G, VASINA V, DE GIORGIO R, PACCAPELO A, PASTORIS O, STANGHELLINI V, CORINALDESI R, DE PONTI F, TONINI M, BARBARA G. Colonic mucosal mediators from patients with irritable bowel syndrome excite enteric cholinergic motor neurons. *Neurogastroenterol Motil.* 2012 Sep 2. [Epub ahead of print]
2. VERRI M, PASTORIS O, DOSSENA M, AQUILANI R, GUERRIERO F, CUZZONI G, VENTURINI L, RICEVUTI G, BONGIORNO AI. Mitochondrial alterations, oxidative stress and neuroinflammation in Alzheimer's disease. *Int J Immunopathol Pharmacol.* 2012;25(2):345-53. Review.
3. AQUILANI R, LA ROVERE MT, FEBO O, BAIARDI P, BOSCHI F, IADAROLA P, VIGLIO S, DOSSENA M, BONGIORNO AI, PASTORIS O, VERRI M. Lung anabolic activity in patients with chronic heart failure: Potential implications for clinical practice. *Nutrition.* 2012;28(10):1002-7. Epub 2012 Apr 25.
4. AQUILANI R, LA ROVERE MT, FEBO O, BOSCHI F, IADAROLA P, CORBELLINI D, VIGLIO S, BONGIORNO AI, PASTORIS O, VERRI M. Preserved muscle protein metabolism in obese patients with chronic heart failure. *Int J Cardiol.* 2012;160(2):102-8. Epub 2011 Apr 16.
5. AQUILANI R, SCOCCHI M, IADAROLA P, VIGLIO S, PASINI E, CONDELLO S, BOSCHI F, PASTORIS O, BONGIORNO AI, VERRI M. Spontaneous neurocognitive retrieval of patients with sub-acute ischemic stroke is associated with dietary protein intake. *Nutr Neurosci.* 2010;13(3):129-34.
6. AQUILANI R, BAIARDI P, SCOCCHI M, IADAROLA P, VERRI M, SESSAREGO P, BOSCHI F, PASINI E, PASTORIS O, VIGLIO S. Normalization of zinc intake enhances neurological retrieval of patients suffering from ischemic strokes. *Nutr Neurosci.* 2009;12(5):219-25.
7. AQUILANI R, PASTORIS O, VERRI M. Ruolo dell'alimentazione nella cura delle ferite difficili. *Dermakos,* 4/2009.
8. AQUILANI R, OPASICH C, GUALCO A, VERRI M, TESTA A, PASINI E, VIGLIO S, IADAROLA P, PASTORIS O, DOSSENA M, BOSCHI F. Adequate energy-protein intake is not enough to improve nutritional and metabolic status in muscle-depleted patients with chronic heart failure. *Eur J Heart Fail.* 2008;10(11):1127-35. Epub 2008 Oct 4.
9. AQUILANI R, SCOCCHI M, BOSCHI F, VIGLIO S, IADAROLA P, PASTORIS O, VERRI M. Effect of calorie-protein supplementation on the cognitive recovery of patients with subacute stroke. *Nutr Neurosci.* 2008;11(5):235-40.
10. AQUILANI R, BOSELLI M, BOSCHI F, VIGLIO S, IADAROLA P, DOSSENA M, PASTORIS O, VERRI M. Branched-chain amino acids may improve recovery from a vegetative or minimally conscious state in patients with traumatic brain injury: a pilot study. *Arch Phys Med Rehabil.* 2008;89(9):1642-7.
11. PASTORIS O, VERRI M, BOSCHI F, KASTSIUCHENKA O, BALESTRA B, PACE F, TONINI M, Natale G. Effects of esomeprazole on glutathione levels and mitochondrial oxidative phosphorylation in the gastric mucosa of rats treated with indomethacin. *Naunyn Schmiedeberg's Arch Pharmacol.* 2008;378(4):421-9. Epub 2008 Jun 11
12. AQUILANI R., PARISI U., BIGONI N., MAGGI L., GHIONI G., ZUCHELLA M., LOMBARDI P., COVINI C., PASTORIS O., DOSSENA M. VERRI M., BOSCHI F. School teachers can effectively manage primary prevention of adult cardiovascular disease. The Stradella project. *Preventive Medicine,* 45(4): 290-4, 2007
13. CERVIO E., VOLTA U., VERRI M., BOSCHI F., PASTORIS O., BARBARA G., PARISI C., FELICIANI C., TONINI M., DE GIORGIO R. Sera of patients with celiac disease and neurological disorders evoke mitochondrial-dependent apoptosis in vitro. *Gastroenterology,* Jul 133(1): 195-206, 2007.
14. AQUILANI R., BOSCHI F., VERRI M., PASTORIS O. L'approccio nutrizionale nella

- prevenzione e nella terapia dell'osteoporosi primaria. *Ital J Rehab Med*; 20:181-4, 2006
15. AQUILANI R., IADAROLA P., CONTARDI A., BOSELLI M., VERRI M., PASTORIS O., BOSCHI F., ARCIDIACO P., VIGLIO S. Branched-chain amino acids enhance the cognitive recovery of patients with severe traumatic brain injury. *Archives of Physical Medicine and Rehabilitation*, Sep 2005; 86(9): 1729-35. Ed. WB Saunders CO, Philadelphia (USA). ISSN 0003-9993 - IF 1.327
16. PELLEGRINO M.A., D'ANTONA G., BORTOLOTTO S., BOSCHI F., PASTORIS O., BOTTINELLI R., POLLA B., REGGIANI C. Clenbuterol antagonizes glucocorticoid-induced atrophy and fibre type transformation in mice. *Exp.Physiol.*, Jan; 89(1):89-100, 2004. Cambridge Univ Press, New York (USA). ISSN 0958-0670 - IF 1.695
17. PASINI E, OPASICH C, PASTORIS O., AQUILANI R. Inadequate nutritional intake for daily life activity of clinical stable patients with chronic heart failure. *Am. Journal Cardiol.*, 93 (8A) :41-43, 2004. Excerpta Medica Inc, New York (USA). ISSN 0002-9149 - IF 2.327
18. AQUILANI R., VERRI M., IADAROLA P., ARCIDIACO P., BOSCHI F., DOSSENA M., SESSAREGO P., SCOCCHI M., ARRIGONI N., PASTORIS O. Plasma precursors of brain catecholaminergic and serotonergic neurotransmitters in rehabilitation patients with ischemic stroke. *Archives of Physical Medicine and Rehabilitation*, 85:779-784, 2004. Ed. WB Saunders CO, Philadelphia (USA). ISSN 0003-9993 - IF 1.327
19. AQUILANI R., OPASICH C., VERRI M., BOSCHI F., FEBO O., PASINI E., PASTORIS O. Is nutritional intake adequate in chronic heart failure patients? *Journal of the American College of Cardiology.*, 42: 1218-23, 2003. Ed. Elsevier Science LTD, New York (USA). ISSN 0735-1097 - IF 6.278
20. RAMAJOLI F.M., VERRI M., DEAMICI D., BOSCHI F., DOSSENA M., CATAPANO C., RAMAJOLI I., PASTORIS O. Effects of different anesthetic techniques on enzymatic activities in ischemic femoral quadriceps. *Canadian Journal of Anesthesia /50: 4/ pp 420-426, 2003. Ed. Canadian Anesthesiologists SOC, Toronto (Canada). ISSN 0832-610X - IF 1.014*
21. R. AQUILANI, S. BONI, S. VERDIROSI, O. PASTORIS, J. ASSANDRI, A. ROSSI, V. PAGANINI, R. RICCARDI, A. CAJELLI, M. PERNICE, M. VERRI, M. DOSSENA, F. COBELLI. An organizational model to translate nutritional recommendations into routine clinical practice in secondary prevention of Coronary Artery Disease (CAD). *Preventive Medicine* 34: 138-143, 2002. Ed. Academic Press INC Elsevier Science, San Diego (USA). ISSN 0091-7435 - IF 1.580
22. BELLUARDO N., WESTERBLAD H., MUDO' G., CASABONA A., BRUTON J., CANIGLIA G., PASTORIS O., GRASSI F., IBANEZ CF. Neuromuscular junction disassembly and muscle fatigue in mice lacking neurotrophin-4. *Molecular and Cellular Neuroscience* 18, 56-67, 2001. Ed. Academic Press INC Elsevier Science, San Diego (USA). ISSN 1044-7431 - IF 4.519
23. AQUILANI R., BOSCHI F., CONTARDI A., PISTARINI C., ACHILLI MP, FIZZOTTI G., MORONI S., CATAPANO M., VERRI M., PASTORIS O. Energy expenditure and nutritional adequacy of rehabilitation paraplegics with asymptomatic bacteriuria and pressure sores. *Spinal Cord* ; 39, 437-441, 2001. Ed. Nature Publishing Group, London (UK). ISSN 1362-4393 - IF 0.953
24. POLLA B., CAPPELLI V., MORELLO F., PELLEGRINO MA., BOSCHI F., PASTORIS O., REGGIANI C. Effects of the B2 agonist Clenbuterol on respiratory and limb muscles of weaning rats. *Am J Physiol Regul Integr Comp Physiol*; 280(3): R862-9, 2001. Ed. Amer Physiological SOC, Bethesda (USA). ISSN 0363-6119 - IF 3.156
25. AQUILANI R., TRAMARIN R., PEDRETTI RFE., BERTOLOTTI G., SOMMARUGA M., MARIANI P., RUFFATO L., CATAPANO M., BOSCHI F., DOSSENA M., PASTORIS O. Can a very low fat diet achieve cholesterol goals in CAD? *Cardiology Review* Vol. 17 No 10, October 2000.
26. PASINI E., GHEORGHIAD E M., AQUILANI R., PASTORIS O., ACANFORA D., PAPA A., IANNUZZI G.L., OPASICH C., DOSSENA M., RENGO F. Scompenso cardiaco, miopatia periferica, attivazione neuroendocrina e sistema infiammatorio: esiste un legame? Link between heart failure, skeletal abnormalities, neuroendocrine and inflammatory system. *Giorn Gerontol* 48:

491-495, 2000.

27. PASTORIS O., BOSCHI F., VERRI M., FELZANI G., VECCHIET J., DOSSENA M., CATAPANO M. The effects of aging on enzyme activities and metabolite concentrations skeletal muscle from sedentary male and female subjects. *Experimental Gerontology* 35: 95-104, 2000. Ed. Pergamon-Elsevier Science LTD, Oxford (UK). ISSN 0531-5565 - IF 3.535

28. AQUILANI R., VIGLIO S., IADAROLA P., GUARNASCHELLI C., ARRIGONI N., FUGAZZA G., CATAPANO M., BOSCHI F., DOSSENA M., PASTORIS O. Peripheral plasma aminoacid abnormalities in rehabilitation patients with severe head injury. *Archives of Physical Medicine and Rehabilitation* 81: 176-181, 2000. Ed. WB Saunders CO, Philadelphia (USA). ISSN 0003-9993 - IF 1.327

29. AQUILANI R., TRAMARIN R., PEDRETTI R.F.E, BERTOLOTTI G., SOMMARUGA M., MARIANI P., RUFFATO L., CATAPANO M., BOSCHI F., DOSSENA M., PASTORIS O. Despite good compliance, very low fat diet alone does not achieve recommended cholesterol goals in outpatients with coronary heart disease. *European Heart Journal* 20(14): 1020-1029, 1999. Ed. WB Saunders CO LTD, London (UK). ISSN 0195-668X - IF 6.131

30. FUGAZZA G., AQUILANI R., IADAROLA P., DOSSENA M., CATAPANO M., BOSCHI F., COBIANCHI A., PASTORIS O. The persistence of hypercatabolic state in rehabilitation patients with complicated head injury. *Europa Medico Physica* 34: 125-9, 1998.

31. PASTORIS O., DOSSENA M., FOPPA P., CATAPANO M., ARBUSTINI E., BELLINI E., MINZIONI G., CERIANA P., BARZAGHI N. Effect of L-Carnitine on myocardial metabolism: results of a balanced, placebo-controlled, double-blind study in patients undergoing open heart surgery. *Pharmacological Research* 37, 115-122, 1998. Ed. Academic Press LTD Elsevier Science LTD, London (UK). ISSN 1043-6618 - IF 0.991

32. PASTORIS O., FOPPA P., CATAPANO M., DOSSENA M. Metabolite concentrations in skeletal muscle of rats of different ages submitted to hypoxia and pharmacological treatment with nicergoline. *Experimental Gerontology* 33: 303-318, 1998. Ed. Pergamon-Elsevier Science LTD, Oxford (UK). ISSN 0531-5565 - IF 3.535

33. OPASICH C., AQUILANI R., FELICETTI G., PASINI E., PASTORIS O., TAVAZZI L. Muscoli scheletrici e scompenso cardiaco: effetti della cachessia e del training. *Cardiologia, Scientific Press*, 97-108, 1997.

34. AQUILANI R., DOSSENA M., FOPPA P., CATAPANO M., OPASICH C., BAIARDI P., SALVADEO A., PASTORIS O. Low protein diet improves muscle energy metabolism in chronic renal failure. *Nutrition in Clinical Practice* 12: 266-273, 1997.

35. PASTORIS O., AQUILANI R., FOPPA P., BOVIO G., SEGAGNI S., BAIARDI P., CATAPANO M., MACCARIO M., SALVADEO A., DOSSENA M. Altered muscle energy metabolism in post-absorptive patients with chronic renal failure. *Scandinavian Journal of Urology and Nephrology* 31: 281-287, 1997. Ed. Taylor & Francis AS, Oslo (Norway). ISSN 0036-5599 - IF 0.847

36. PASTORIS O., PANELLA L., FOPPA P., CATAPANO M., MOIA R, FANELLO M, BEJOR M, DOSSENA M. Rehabilitation in peripheral arterial occlusive disease (PAOD): enzymatic activities, metabolites and thermic emission changes in the quadriceps muscle. *Giornale Italiano di Medicina del Lavoro* 18: 41-49, 1996.

37. OPASICH C., AQUILANI R., DOSSENA M., FOPPA P., CATAPANO M., PAGANI S., PASINI E., FERRARI R., TAVAZZI L., PASTORIS O. Biochemical analysis of muscle biopsy in overnight fasting patients with severe chronic heart failure. *European Heart Journal* 17: 1686-1693, 1996. Ed. WB Saunders CO LTD, London (UK). ISSN 0195-668X - IF 6.131

38. PASTORIS O., SAVASTA S., FOPPA P., CATAPANO M., DOSSENA M. Pyruvate dehydrogenase deficiency in a child responsive to thiamine treatment. *Acta Paediatrica* 85: 625-628, 1996. Ed. Taylor & Francis AS, Oslo (Norway). ISSN 0803-5253 - IF 1.260

39. PASTORIS O., FOPPA P., CATAPANO M., DOSSENA M. Effect of hypoxia on enzyme activities in skeletal muscle of rats of different ages. An attempt of pharmacological treatment.

- Pharmacological Research 32(6): 375-381, 1995. Ed. Academic Press LTD Elsevier Science LTD, London (UK). ISSN 1043-6618 - IF 0.991
40. PASTORIS O., DOSSENA M., FOPPA P., CATAPANO M., FERRARI R., DAGANI F. Biochemical evaluations in skeletal muscles of primates with MPTP Parkinson-like syndrome. Pharmacological Research 31(6): 361-369, 1995. Ed. Academic Press LTD Elsevier Science LTD, London (UK). ISSN 1043-6618 - IF 0.991
41. PASTORIS O., DOSSENA M., FOPPA P., ARNABOLDI R., GORINI A., VILLA R. F., BENZI G. Modifications by chronic intermittent hypoxia and drug treatment on skeletal muscle metabolism. Neurochemical Research 20(2): 143-150, 1995. Ed. Kluwer Academic/Plenum Publ, New York (USA). ISSN 0364-3190 - IF 1.672
42. PASTORIS O., DOSSENA M., ARNABOLDI R., GORINI A., VILLA R.F. Age-related alterations on skeletal muscle metabolism by intermittent hypoxia and TRH-analogue treatment. Pharmacological Research. 30: 171-185, 1994. Ed. Academic Press LTD Elsevier Science LTD, London (UK). ISSN 1043-6618 - IF 0.991
43. PASTORIS O., DOSSENA M., SCELSI R., SAVASTA S., BIANCHI E. Infantile mitochondrial encephalomyopathies report on 4 cases. European Neurology 33: 54-61, 1993. Ed. Karger, Basel (CH). ISSN 0014-3022 - IF 1.104
44. PASTORIS O., DOSSENA M. Effect of branched-chain amino acid diet on rat muscle biochemical parameters during cold exposure. In: Branched-chain amino acids: Biochemistry, Physiopathology, and Clinical Science, (P. Schauder et al. eds.) Raven Press, Ltd., New York, 1992.
45. PASTORIS O., DOSSENA M., VERCESI L., SCELSI R., TORCETTA F., SAVASTA S., BIANCHI E. Muscle phosphofructokinase deficiency in a myopathic child with severe mental retardation and aplasia of cerebellar vermis. Child's Nervous System 8: 237-241, 1992. Ed. Springer-Verlag, New York (USA). ISSN 0256-7040 - IF 0.819
46. BENZI G., PASTORIS O., MARZATICO F., VILLA R.F., DAGANI F., CURTI D. The mitochondrial electron transfer alteration as a factor involved in the brain aging. Neurobiology of Aging 13: 361-368, 1992. Ed. Elsevier Science INC, Basel (CH). ISSN 0197-4580 - IF 6.155
47. BENZI G., CURTI D., PASTORIS O., MARZATICO F., VILLA R.F., DAGANI F. Sequential damage in mitochondrial complexes by peroxidative stress. Neurochemical Research 16(12): 1295-1302, 1991. Ed. Kluwer Academic/Plenum Publ, New York (USA). ISSN 0364-3190 - IF 1.672
48. BENZI G., PASTORIS O., GORINI A., MARZATICO F., VILLA R.F., CURTI D. Influence of aging on the acute depletion of reduced glutathione induced by electrophilic agents. Neurobiology of Aging 12: 227-231, 1991. Ed. Elsevier Science INC, Basel (CH). ISSN 0197-4580 - IF 6.155
49. BENZI G., CURTI D., MARZATICO F., PASTORIS O. Age-related acute depletion of cerebral glutathione by peroxidative stress. Journal of Neuroscience Research 29: 527-532, 1991. Ed. Wiley-Liss, New York (USA). ISSN 0360-4012 - IF 0.877
50. PASTORIS O., DOSSENA M., VERCESI L., BRUSEGHINI M., PAGNIN A., CERIANA P. Biochemical changes induced by creatine phosphate in the myocardial cell during cardioplegic arrest. Journal of Cardiothoracic and Vascular Anesthesia 5(5): 475-480, 1991. Ed. WB Saunders CO, Philadelphia (USA). ISSN 1053-0770 - IF 0.877
51. BENZI G., MARZATICO F., PASTORIS O., VILLA R.F. Influenza degli stati ossidativi sulle alterazioni età dipendenti del sistema glutatione cerebrale. In: I radicali liberi in Fisiologia e Patologia, 1991, pp. 3-19.
52. PASTORIS O., VERCESI L., DOSSENA M. Effects of hypoxia and pharmacological treatment on enzyme activities in skeletal muscle of rats of different ages. Experimental Gerontology 26: 77-87, 1991. Ed. Pergamon-Elsevier Science LTD, Oxford (UK). ISSN 0531-5565 - IF 3.535
53. BENZI G., PASTORIS O., DOSSENA M., MARZATICO F., VILLA R.F., DAGANI F. Factors involved in the age-related alteration in the efficiency of the brain bioenergetics. Mechanism of Ageing and Development 56: 155-168, 1990. Ed. Elsevier Sci Ireland LTD,

Amsterdam (NL). ISSN 0047-6374 - IF 2.867

54. BENZI G., MARZATICO F., PASTORIS O., VILLA R.F. Influence of oxidative stress on the age-linked alterations of the cerebral glutathione system. *Journal of Neuroscience Research* 26: 120-128, 1990. Ed. Wiley-Liss, New York (USA). ISSN 0360-4012 - IF 2.956
55. BENZI G., PASTORIS O., MARZATICO F., DAGANI F. Influence of aging and drug treatment on the bioenergetics of hypoxic brain. *Neurochemical Research* 15(7), 659-665, 1990. Ed. Kluwer Academic/Plenum Publ, New York (USA). ISSN 0364-3190 - IF 1.672
56. PASTORIS O., DOSSENA M., ALLORIO F., VERCESI L. Hypoxia and pharmacological treatment in differently aged rats: effect on muscular metabolite concentrations. *Mechanism of Ageing and Development* 54: 207-219, 1990. Ed. Elsevier Sci Ireland LTD, Amsterdam (NL). ISSN 0047-6374 - IF 2.867
57. BIANCHI E., TORCETTA F., SAVASTA S., SOLMI M., DOSSENA M., PASTORIS O. Variante clinica del deficit di fosfofruttochinasi. In: *Genetica e ritardo mentale* (Monduzzi editore), 1989 pp. 421-425.
58. BIANCHI E., BENEFANTE G., SAVASTA S., SOLMI M., TORCETTA F., RASCIO N., PASTORIS O. Deficit di citocromo-c-ossidasi e NADH-citocromo-c-reduttasi totale nella malattia di Alpers. In: *Genetica e ritardo mentale* (Monduzzi ed.), 1989, pp. 409-411.
59. BENZI G., PASTORIS O., MARZATICO F., VILLA R. F. Effect induced by oxidative stress on the cerebral glutathione system during aging. 10th. Workshop "Role and evolution of the laboratory animal in biomedical research on aging". 1989, pp.127-143, Milano.
60. BENZI G., MARZATICO F., PASTORIS O., VILLA R.F. Age-related modifications of the cerebral enzyme antioxidant system in different brain regions. 50th Anniversary of Phospholipid Research (EPL) (K-J.Grundermann and R. Schumacher Eds.) 1989, pp.197-211, wbn-Verlag Bingen/Rhein.
61. BENZI G., PASTORIS O., MARZATICO F., VILLA R.F. Age-related effect induced by oxidative stress on the cerebral glutathione system. *Neurochemical Research* 14: 473-481, 1989. Ed. Kluwer Academic/Plenum Publ, New York (USA). ISSN 0364-3190 - IF 1.672
62. PASTORIS O., DOSSENA M., VERCESI L., SCELSI R., GRANA M., BIANCHI E. Congenital muscle fibre type disproportion: clinical, morphological and biochemical findings in children. *Bas. Appl. Histochem.* 33: 159-168, 1989.
63. BENZI G., MARZATICO F., PASTORIS O., VILLA R.F. Relationship between aging, drug treatment and the cerebral enzymatic antioxidant system. *Experimental Gerontology* 24: 137-148, 1989. Ed. Pergamon-Elsevier Science LTD, Oxford (UK). ISSN 0531-5565 - IF 3.535
64. BENZI G., PASTORIS O., MARZATICO F., VILLA R.F. Cerebral enzyme antioxidant system. Influence of aging and phosphatidylcholine. *Journal of Cerebral Blood Flow and Metabolism* 9: 373-380, 1989. Ed. Lippincott Williams & Wilkins, Philadelphia (USA). ISSN 0271-678X - IF 5.927
65. BENZI G., PASTORIS O., MARZATICO F., VILLA R.F. Influence of aging and drug treatment on the cerebral glutathione system. *Neurobiology of Aging* 9: 371-375, 1988. Ed Elsevier Science INC, Basel (CH). ISSN 0197-4580 - IF 6.155
66. PASTORIS O., VERCESI L., ALLORIO F., DOSSENA M. Effect of hypoxia, aging and pharmacological treatment on muscular metabolites and enzyme activities. *Il Farmaco Ed. Sc.* 43: 627-642, 1988. Milano (I)
67. BENZI G., PASTORIS O., VILLA R.F. Changes induced by aging and drug treatment on cerebral enzymatic antioxidant system. *Neurochemical Research.* 13: 467-478, 1988. Ed. Kluwer Academic/Plenum Publ, New York (USA). ISSN 0364-3190 - IF 1.672
68. DOSSENA M., PASTORIS O., QUACCI D., DELL'ORBO C., BENZI G. Enzymatic characterization of two different muscle mitochondrial populations. *Cardiologia* 32: 1141-1146, 1987.
69. PASTORIS O., VERCESI L., DOSSENA M. Azione del naftidrofurile sul metabolismo energetico muscolare in corso di ipossia normobarica intermittente. International Meeting on

- Microangiology and Microcirculation, 1987, pp. 309-319. Monduzzi Editore, Bologna.
70. BENZI G., MARZATICO F., PASTORIS O., VILLA R.F., GIUFFRIDA A.M. Modifications des metabolismes energetique, lipidique et proteique et leurs roles au cours du vieillissement cerebral. Invest. cliniq. et paraclinique dans le vieillissement cerebral, 141-168, 1987.
71. VILLA R.F., PASTORIS O. Effets du vieillissement et de divers agents pharmacologiques sur le metabolisme energetique cerebral au cours de la recuperation post-hypoglycemique chez le rat. La Presse Medicale 16: 1128-1134, 1987.
72. BENZI G., PASTORIS O., TENTONI S., VILLA R.F. Modifications in cerebral lipid metabolism by severe glucose deprivation during aging. Neurobiology of Aging 8: 457-463, 1987. Ed. Elsevier Science INC, Basel (CH). ISSN 0197-4580 - IF 6.155
73. BENZI G., PASTORIS O., VERCESI L., GORINI A., VIGANOTTI C., VILLA R.F. Energetic state of aged brain during hypoxia. Gerontology 33: 207-212, 1987. Ed. Karger, Basel (CH). ISSN 0304-324X - IF 1.480
74. BOSCO C., MONTANARI G., RIBACCHI R., FAINA M., COLLE R., DAL MONTE A., LATTEI F., PASTORIS O., BENZI G., CORTILI G., SAIBENE F. The relationship between the re-use of elastic energy and the energetic cost of running. In: Biochemical aspects of physical exercise. G. Benzi, L. Packer and N. Siliprandi (Eds): pp. 469-478, 1986.
75. PASTORIS O., DOSSENA M., GRANA M., BIANCHI E., BENZI G. Muscles of children with neurological disorders: preliminary evaluation of some enzyme activities related to energy transduction. In: Biochemical aspects of physical exercise. G. Benzi, L. Packer and N. Siliprandi (Eds): pp. 347-358, 1986.
76. MONTANARI G., RIBACCHI R., BOSCO C., PASTORIS O., GIOVENALI P., SIGNORINI E., DE PAOLIS F., DI PRIMA F., COZZI M., BELLOTTI P. Muscular, morphological and functional characterization of young athletes. The relationship between the re-use of elastic energy and the energetic cost of running. In: Biochemical aspects of physical exercise. G. Benzi, L. Packer and N. Siliprandi (Eds): pp. 47-60, 1986.
77. BENZI G., PASTORIS O., TENTONI S., DOSSENA M., MARZATICO F., VILLA R.F. Modificazioni indotte dall'invecchiamento sul metabolismo dei lipidi cerebrali durante grave carenza di glucosio. "Lipidi e invecchiamento" 5-18, 1986.
78. VILLA R.F., PASTORIS O. Influence du vieillissement sur le metabolisme energetique cerebral pendant la recuperation post-hypoglycemique chez le rat. J. Pharmacol. (Paris) 17: 623-636, 1986.
79. BENZI G., VILLA R.F., PASTORIS O., DOSSENA M., TENTONI S., GIUFFRIDA A.M. Influence of aging on the derangement of brain bioenergetics by hypoxic insult. In: Pharmacology of Cerebral Ischemia (J. Krieglstein, Ed.) 1986, pp. 153-165. Elsevier, Amsterdam.
80. PASTORIS O., VERCESI L., MAZZOCCHI A., DOSSENA M., BENZI G. Hopantenate interference on the adaptation of muscular energy metabolism to intermittent hypoxia. Arch. Int. Pharmacod.T. 281: 311-320, 1986. Bruges (B)
81. BENZI G., PASTORIS O., VILLA R.F. Metabolic changes by severe hypoglycemia during brain aging. In: Modulation of central and peripheral transmitter function (G. Biggio, P.F.Spano, G. Toffano, G.L. Gessa, Eds.) 1986, pp. 283-290. Liviana Press, Padova.
82. PASTORIS O. Regolazione e significato del metabolismo degli aminoacidi nel muscolo scheletrico. *Atleticastudi* 2: 39-45, 1985.
83. BENZI G., PASTORIS O., VILLA R.F. Pharmacological interventions of CDP-choline in hypoxia and aging of the brain. In: Novel biochemical, pharmacological and clinical aspects of cytidinediphosphocholine (V. Zappia, B.I. Nilsson, E.P. Kennedy, P. Gallotti, Eds.) 1985, pp. 239-250. Elsevier, New York.
84. PASTORIS O., GORINI A., VERCESI L., TAGLIETTI M., DOSSENA M. Modification of the skeletal muscle energy metabolism induced by intermittent normobaric hypoxia and treatment with biological pyrimidines. *Il Farmaco Ed. Sc.* 40: 442-453, 1985. Milano (I)
85. BENZI G., PASTORIS O., VILLA R.F., GIUFFRIDA A.M. Influence of aging and exogenous

- substances on cerebral energy metabolism in posthypoglycemic recovery. *Biochemical Pharmacology* 34: 1477-1483, 1985. Ed. Pergamon-Elsevier Science LTD, Oxford (UK) . ISSN 0003-2952 - IF 3.542
86. PASTORIS O., DOSSENA M., GORINI A., VERCESI L., BENZI G. Adaptation of skeletal muscle energy metabolism to repeated hypoxic-normoxic exposures and drug treatment. *Arch. int. Pharmacodyn.* 274: 145-158, 1985. Bruges (B)
87. PASTORIS O., DOSSENA M., GORINI A., VERCESI L., MIGLIAVACCA C., TAGLIETTI M., BENZI G. Variazioni indotte da trattamento farmacologico su alcuni metaboliti muscolari durante ipossia normobarica intermittente. *Atleticastudi* 6: 489-498, 1984.
88. DOSSENA M., MIGLIAVACCA C., TAGLIETTI M., VERCESI L., PASTORIS O. Comportamento di alcune attivita' enzimatiche muscolari durante ipossia normobarica intermittente e trattamento con nucleosidi pirimidinici. *Atleticastudi* 6: 483-488, 1984.
89. BENZI G., PASTORIS O., VILLA R.F., GIUFFRIDA A.M. Effect of aging on cerebral cortex energy metabolism in hypoglycemia and posthypoglycemic recovery. *Neurobiology of Aging* 5: 205-212, 1984. Ed. Elsevier Science INC, Basel (CH). ISSN 0197-4580 - IF 6.155
90. BENZI G., VILLA R.F., DOSSENA M., VERCESI L., GORINI A., PASTORIS O. Cerebral endogenous substrate utilization during the recovery period after profound hypoglycemia. *Journal of Neuroscience Research* 11: 437-450, 1984. Ed. Wiley-Liss, New York (USA). ISSN 0360-4012 - IF 2.956
91. BENZI G., VILLA R.F., DOSSENA M., VERCESI L., GORINI A., PASTORIS O. Role of drugs in recovery of metabolic function of rat brain following severe hypoglycemia. *Neurochemical Research* 9: 979-990, 1984. Ed. Kluwer Academic/Plenum Publ, New York (USA). ISSN 0364-3190 - IF 1.672
92. BENZI G., VILLA R.F., DOSSENA M., VERCESI L., GORINI A., TAGLIETTI M., PASTORIS O. Recovery period after profound hypoglycemia. Influence of some metabolic odulators on the cerebral endogenous substrate utilization. *Il Farmaco Ed. Sc.* 39: 430-449, 1984. Milano (I)
93. PASTORIS O., DOSSENA M., VERCESI L., MIGLIAVACCA C., TAGLIETTI M., BENZI G. On the possible pharmacological role of UDP-glucose on some muscular metabolites. *Il Farmaco Ed. Sc.* 39: 246-254, 1984. Milano (I)
94. BENZI G., VILLA R.F., DOSSENA M., VERCESI L., GORINI A., PASTORIS O. Cerebral and cerebellar metabolic changes induced by drugs during the recovery period after profound hypoglycemia. *Il Farmaco Ed. Sc.* 39: 44-56, 1984. Milano (I)
95. PASTORIS O., DOSSENA M., FULLE D., VERCESI L., MIGLIAVACCA C., TAGLIETTI M., BERNARDI R., BENZI G. Valutazione sperimentale dell'effetto dell'uridin 5'-difosfo-glucosio su alcune attivita' enzimatiche correlate al metabolismo energetico muscolare. *Atleticastudi* 6: 859-867, 1983.
96. PASTORIS O., DOSSENA M., FULLE D., GORINI A., VERCESI L., MIGLIAVACCA C., TAGLIETTI M., BENZI G. Variazioni indotte da uridina e citidina su alcuni metaboliti muscolari durante ipossia normobarica intermittente. *Atleticastudi* 6: 849-857, 1983.
97. PASTORIS O., DOSSENA M., FULLE D., TAGLIETTI M., BERNARDI R., BENZI G. Valutazione sperimentale dell'effetto di sostanze biologiche su alcuni parametri biochimici correlati al metabolismo energetico muscolare. 2. Azione dell'uridin 5'-difosfoglucosio (UDPG). *Atleticastudi* 2: 183-192, 1983.
98. PASTORIS O., DOSSENA M., FULLE D., TAGLIETTI M., BENZI G. Action of testosterone on some biochemical parameters related to the energy metabolism of the skeletal muscle. *Arch. int. Pharmacodyn.* 263: 129-138, 1983. Bruges (B)
99. BENZI G., ARRIGONI E., PASTORIS O., DOSSENA M., GORINI A., VILLA R.F. Effect of ergot derivatives on the metabolic changes induced by acute hypoxia on the synaptosomes from dog brain. *Aging* 23: 263-282, 1983. New York (USA)
100. BENZI G., GORINI A., DOSSENA M., TAGLIETTI M., FULLE D., PASTORIS O.

- Recovery after hypoglycemic brain injury. Action of some biological substances on the cerebral metabolism. *Biochemical Pharmacology* 32: 1083-1091, 1983. Ed. Pergamon-Elsevier Science LTD, Oxford (UK). ISSN 0003-2952 - IF 3.542
101. PASTORIS O., DOSSENA M., FULLE D., TAGLIETTI M., BENZI G. Valutazione sperimentale dell'effetto di sostanze biologiche su alcuni parametri biochimici correlati al metabolismo energetico muscolare. 1. Azione del testosterone propionato. *Atleticastudi* 6: 43-52, 1982.
102. PASTORIS O., DOSSENA M., ARRIGONI E., BENZI G. Changes in some muscular enzyme activities related to energy transduction during hypoglossal nerve regeneration. *Italian Journal of Biochemistry* 31: 213-215, 1982.
103. BENZI G., PASTORIS O., DOSSENA M. Relationships between gamma-aminobutyrate and succinate cycles during and after cerebral ischemia. *Journal of Neuroscience Research* 7: 193-201, 1982. Ed. Wiley-Liss. New York (USA). ISSN 0360-4012 - IF 2.956
104. BENZI G., ARRIGONI E., PASTORIS O., VILLA R.F., DOSSENA M., AGNOLI A., GIUFFRIDA A.M. Drug action on the metabolic changes induced by acute hypoxia on synaptosomes from the cerebral cortex. *Journal of Cerebral Blood Flow and Metabolism* 2: 229-239, 1982. Philadelphia (USA) - IF 5.297
105. BENZI G., ARRIGONI E., AGNOLI A., RAIMONDO S., FULLE D., PASTORIS O., CURTI D., VILLA R.F. Influence of age upon the cerebral metabolic changes induced by acute hypoxia on the synaptosomes from dog brain. *Experimental Gerontology* 17: 19-31, 1982. Ed. Pergamon-Elsevier Science LTD, Oxford (UK). ISSN 0531-5565 - IF 3.535
106. PASTORIS O., BAGLIANI A. Studio farmacodinamico di vena safena umana isolata. *Minerva Angiologica* 6: 361-366, 1981. Saluzzo (TO) (I)
107. PASTORIS O., DOSSENA M., GORINI A., BENZI G. Valutazione del metabolismo energetico cerebrale nel recupero post-ipossico. Interferenza dell'UDP-glucosio. In: *Alcuni aspetti fisiopatologici, diagnostici e terapeutici in epatologia*. 1981, pp. 203-210. Pacini Ed., Pisa.
108. BENZI G., ARRIGONI E., PASTORIS O., MARZATICO F., CURTI D., PIACENZA G., VILLA R.F. Effect of vincamine on some enzymatic activities from various areas of the beagle dog cerebral cortex. *Il Farmaco Ed. Sc.* 36: 811-816, 1981. Milano (I)
109. BENZI G., ARRIGONI E., PASTORIS O., RAIMONDO S., FULLE D., VILLA R.F. Phenobarbital interference on cerebral metabolism related to energy transduction. *Il Farmaco Ed. Sc.* 36: 804-810, 1981. Milano (I)
110. PASTORIS O., RAIMONDO S., DOSSENA M., FULLE D. UDP-glucose effect on phrenic diaphragm preparation of the rat. *Il Farmaco Ed. Sc.* 36: 721-728, 1981. Milano (I)
111. BENZI G., ARRIGONI E., PASTORIS O., RAIMONDO S., FULLE D., CURTI D., VILLA R.F. Metabolic changes induced by acute hypoxia on the synaptosomes from dog brain. *European Neurology* 20: 235-244, 1981. Ed. Karger, Basel (CH). ISSN 0014-3022 - IF 1.104
112. PASTORIS O., RAIMONDO S., ARRIGONI E., BENZI G., AGNOLI A. Drug action on cerebral metabolites and on energy mediators during post-ischemic recovery. In: *Pathophysiology and Pharmacotherapy of cerebrovascular disorders* (E. Betz, J. Grote, D. Heuser, R. Wullenweber, Eds.) 1980, pp. 154-156, Verlag Gerhard Witzstrock, Baden-Baden.
113. BENZI G., ARRIGONI E., PASTORIS O., RAIMONDO S., DOSSENA M., FULLE D., TUMMINELLO M.C., VILLA R.F. Drug interference on some biochemical parameters of rat cerebral cortex during post-ischemic recovery. *Arch. int. Pharmacodyn.* 247: 198-216, 1980. Bruges (B)
114. BENZI G., ARRIGONI E., MARZATICO F., PASTORIS O., POLGATTI M., VILLA R.F. Effect of alphaxalone-alphadolone on some enzymatic activities from rat brain. *Il Farmaco Ed. Sc.* 35: 771-778, 1980. Milano (I)
115. PASTORIS O., MARZATICO F., DAGANI F., CURTI D., BENZI G. Dose/action and time/action relationships of some biological molecules evaluated on the cerebral enzymatic activities. *Il Farmaco Ed. Sc.* 35: 126-137, 1980. Milano (I)

116. PASTORIS O., DOSSENA M., RAIMONDO S., TANZI F. In vitro action of uridine diphosphate glucose (UDPG) on phrenic diaphragm preparations. *Il Farmaco Ed. Sc.* 34: 211-216, 1979. Milano (I)
117. BENZI G., ARRIGONI E., PASTORIS O., VILLA R.F., DAGANI F., MARZATICO F., AGNOLI A. Effect of some drugs on cerebral energy state during and after hypoxia and complete or incomplete ischemia. *Biochemical Pharmacology* 28: 435-439, 1979. Ed. Pergamon-Elsevier Science LTD, Oxford (UK). ISSN 0006-2952 - IF 3.542
118. BENZI G., ARRIGONI E., DAGANI F., MARZATICO F., MANZINI A., PASTORIS O., VILLAR.F. Drugs action on cerebral energy state during and after various hypoxic conditions. *Arch. int. Pharmacodyn.* 236: 234-251, 1978. Bruges (B)
119. BENZI G., ARRIGONI E., DAGANI F., PASTORIS O., VILLA R.F., AGNOLI A. Cerebral energy state during or after hypoxia and complete or incomplete ischemia. *Journal of Applied Physiology* 45: 312-319, 1978. Ed. Amer Physiological , Bethesda (USA). ISSN 8750-7587 - IF 2.720
120. BENZI G., VILLA R.F., MONTANI A., PASTORIS O., ARCELLI E., STRADA P., ARRIGONI E. Influence of training and pharmacological treatment on muscular enzymatic activities. *Journal of Pharmaceutical Sciences* 66: 1278-1281, 1977. Ed. John Wiley e Sons INC, New York (USA). ISSN 0022-3549 - IF 1.992
121. BENZI G., ARRIGONI E., STRADA P., PASTORIS O., VILLA R.F., AGNOLI A. Metabolism and cerebral energy state: effect of acute hyperammonemia in beagle dog. *Biochemical Pharmacology* 26: 2397-2404, 1977. Ed. Pergamon-Elsevier Science LTD, Oxford (UK). ISSN 0006-2952 - IF 3.542
122. BENZI G., VILLA R.F., PASTORIS O., ARRIGONI E., STRADA P., OGLIARI M., MONTANI A. Drugs and brain mitochondrial enzymatic activities during post-natal development in rat. *Il Farmaco Ed. Sc.* 31: 412-417, 1976. Milano (I)
123. VILLA R.F., ARRIGONI E., PASTORIS O., BENZI G. Studio della eventuale interferenza della caffeina e della papaverina su alcune vie vicarie di metabolizzazione del piruvato attivate dall'allenamento di durata. *Medicina dello Sport* 29: 21-26, 1976. Ed. Minerva Medica Torino (I) - ISSN 0025-7826 - IF 0.055
124. BENZI G., ARRIGONI E., PASTORIS O., VILLA R.F. Muscle metabolism investigated at rest and during exercise and/or pharmacological treatment by vasodilators. *Il Farmaco Ed. Sc.* 31: 3-20, 1976. Milano (I)

Libri e traduzioni

Elementi di Tossicologia

Principi generali, organi bersaglio e valutazione del rischio

Di Frank C. Lu, Sam Kacew

Tossicologia del fegato – Tossicologia del rene, a cura di Ornella Pastoris

Edizione italiana coordinata da: Lucio Costa e Beatrice Tita

EMSI edizioni mediche scientifiche internazionali – Roma

Traduzione dall'inglese di Ornella Pastoris

The Medical Letter on Drugs and Therapeutics

Manuale delle interazioni tra farmaci di Richard B. Kim, M.D.

CIS Editore S.r.l. 2001