

## **PUBBLICAZIONI SU RIVISTE INTERNAZIONALI**

### **INDICIZZATE DA PubMed**

1.

#### [Senescence of the brain: focus on cognitive kinases.](#)

Govoni S, Amadio M, Battaini F, Pascale A.

Curr Pharm Des. 2010;16(6):660-71. Review.

PMID: 20388076 [PubMed - indexed for MEDLINE]

[Related citations](#)

2.

#### [Happy birthday protein kinase C: past, present and future of a superfamily.](#)

Battaini F, Mochly-Rosen D.

Pharmacol Res. 2007 Jun;55(6):461-6. Epub 2007 May 18. No abstract available.

PMID: 17582783 [PubMed - indexed for MEDLINE] **Free PMC Article**

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3.

#### [The aging brain, a key target for the future: the protein kinase C involvement.](#)

Pascale A, Amadio M, Govoni S, Battaini F.

Pharmacol Res. 2007 Jun;55(6):560-9. Epub 2007 May 3. Review.

PMID: 17553691 [PubMed - indexed for MEDLINE]

[Related citations](#)

4.

#### [The different facets of protein kinases C: old and new players in neuronal signal transduction pathways.](#)

Amadio M, Battaini F, Pascale A.

Pharmacol Res. 2006 Nov;54(5):317-25. Epub 2006 Aug 26. Review.

PMID: 16996748 [PubMed - indexed for MEDLINE]

[Related citations](#)

5.

#### [Protein kinase C signal transduction regulation in physiological and pathological aging.](#)

Battaini F, Pascale A.

Ann N Y Acad Sci. 2005 Dec;1057:177-92. Review.

PMID: 16399894 [PubMed - indexed for MEDLINE]

[Related citations](#)

6.

[PARP-1 inhibition to treat cancer, ischemia, inflammation.](#)

Graziani G, Battaini F, Zhang J.

Pharmacol Res. 2005 Jul;52(1):1-4. No abstract available.

PMID: 15911328 [PubMed - indexed for MEDLINE]

[Related citations](#)

7.

[Protein kinase C isoforms as therapeutic targets in nervous system disease states.](#)

Battaini F.

Pharmacol Res. 2001 Nov;44(5):353-61. Review.

PMID: 11712865 [PubMed - indexed for MEDLINE]

[Related citations](#)

8.

[STAT signalling in the mature and aging brain.](#)

De-Fraja C, Conti L, Govoni S, Battaini F, Cattaneo E.

Int J Dev Neurosci. 2000 Jul-Aug;18(4-5):439-46.

PMID: 10817928 [PubMed - indexed for MEDLINE]

[Related citations](#)

9.

[Protein kinase C anchoring deficit in postmortem brains of Alzheimer's disease patients.](#)

Battaini F, Pascale A, Lucchi L, Pasinetti GM, Govoni S.

Exp Neurol. 1999 Oct;159(2):559-64.

PMID: 10506528 [PubMed - indexed for MEDLINE]

[Related citations](#)

10.

[A defective protein kinase C anchoring system underlying age-associated impairment in TNF-alpha production in rat macrophages.](#)

Corsini E, Battaini F, Lucchi L, Marinovich M, Racchi M, Govoni S, Galli CL.

J Immunol. 1999 Sep 15;163(6):3468-73.

PMID: 10477619 [PubMed - indexed for MEDLINE] **Free Article**

[Related citations](#)

11. [Very low density lipoprotein-mediated signal transduction and plasminogen activator inhibitor type 1 in cultured HepG2 cells.](#)  
Banfi C, Mussoni L, Risé P, Cattaneo MG, Vicentini L, Battaini F, Galli C, Tremoli E.  
Circ Res. 1999 Jul 23;85(2):208-17.  
PMID: 10417403 [PubMed - indexed for MEDLINE] **Free Article**  
[Related citations](#)
12. [Increased natural killer cell cytotoxicity in Alzheimer's disease may involve protein kinase C dysregulation.](#)  
Solerte SB, Fioravanti M, Pascale A, Ferrari E, Govoni S, Battaini F.  
Neurobiol Aging. 1998 May-Jun;19(3):191-9.  
PMID: 9661993 [PubMed - indexed for MEDLINE]  
[Related citations](#)
13. [Cytosolic hippocampal PKC and aging: correlation with discrimination performance.](#)  
Pascale A, Noguès X, Marighetto A, Micheau J, Battaini F, Govoni S, Jaffard R.  
Neuroreport. 1998 Mar 9;9(4):725-9.  
PMID: 9559946 [PubMed - indexed for MEDLINE]  
[Related citations](#)
14. [Age-related alteration of PKC, a key enzyme in memory processes: physiological and pathological examples.](#)  
Pascale A, Govoni S, Battaini F.  
Mol Neurobiol. 1998 Feb;16(1):49-62. Review.  
PMID: 9554701 [PubMed - indexed for MEDLINE]  
[Related citations](#)
15. [Chronic low doses of ethanol affect brain protein kinase C and ultrasonic calls in rats.](#)  
Pascale A, Battaini F, Govoni S, Persichella M, De Salvia MA, Cuomo V.  
Alcohol. 1997 Nov-Dec;14(6):557-61. Erratum in: Alcohol 1998 Jan;15(1):93.  
PMID: 9401670 [PubMed - indexed for MEDLINE]  
[Related citations](#)

16.

[The role of anchoring protein RACK1 in PKC activation in the ageing rat brain.](#)

Battaini F, Pascale A, Paoletti R, Govoni S.

Trends Neurosci. 1997 Sep;20(9):410-5. Review.

PMID: 9292970 [PubMed - indexed for MEDLINE]

[Related citations](#)

17.

[Functional impairment in protein kinase C by RACK1 \(receptor for activated C kinase 1\) deficiency in aged rat brain cortex.](#)

Pascale A, Fortino I, Govoni S, Trabucchi M, Wetsel WC, Battaini F.

J Neurochem. 1996 Dec;67(6):2471-7.

PMID: 8931480 [PubMed - indexed for MEDLINE]

[Related citations](#)

18

[Fibroblasts of patients affected by Down's syndrome oversecrete amyloid precursor protein and are hyporesponsive to protein kinase C stimulation.](#)

Govoni S, Bergamaschi S, Gasparini L, Quaglia C, Racchi M, Cattaneo E, Binetti G, Bianchetti A, Giovetti F, Battaini F, Trabuechi M.

Neurology. 1996 Oct;47(4):1069-75.

PMID: 8857747 [PubMed - indexed for MEDLINE]

[Related citations](#)

19.

[Differential isoform-specific regulation of calcium-independent protein kinase C in rat cerebral cortex.](#)

Pascale A, Fortino I, Govoni S, Trabucchi M, Wetsel WC, Battaini F.

Neurosci Lett. 1996 Aug 23;214(2-3):99-102.

PMID: 8878093 [PubMed - indexed for MEDLINE]

[Related citations](#)

20.

[Calcium responses in human fibroblasts: a diagnostic molecular profile for Alzheimer's disease.](#)

Hirashima N, Etcheberrigaray R, Bergamaschi S, Racchi M, Battaini F, Binetti G, Govoni S, Alkon DL.

Neurobiol Aging. 1996 Jul-Aug;17(4):549-55.

PMID: 8832629 [PubMed - indexed for MEDLINE]

[Related citations](#)

21.

[Influences of hypothyroidism on lipid composition and inositol lipid-linked receptors responsiveness and protein kinase C \(PKC\) activity in the cerebral cortex of Lewis rats.](#)

Pintor A, Fortuna S, Lorenzini P, Pascale A, Battaini F, Avellino C, Malvezzi Campeggi L, Salvati S.

Neurochem Res. 1996 May;21(5):541-5.

PMID: 8726960 [PubMed - indexed for MEDLINE]

[Related citations](#)

22.

[Defective protein kinase C alpha leads to impaired secretion of soluble beta-amyloid precursor protein from Alzheimer's disease fibroblasts.](#)

Govoni S, Racchi M, Bergamaschi S, Trabucchi M, Battaini F, Bianchetti A, Binetti G.

Ann N Y Acad Sci. 1996 Jan 17;777:332-7.

PMID: 8624109 [PubMed - indexed for MEDLINE]

[Related citations](#)

23.

[Defective phorbol ester-stimulated secretion of beta-amyloid precursor protein from Alzheimer's disease fibroblasts.](#)

Bergamaschi S, Binetti G, Govoni S, Wetsel WC, Battaini F, Trabucchi M, Bianchetti A, Racchi M.

Neurosci Lett. 1995 Dec 1;201(1):1-5.

PMID: 8830300 [PubMed - indexed for MEDLINE]

[Related citations](#)

24.

[Neuronal differentiation modifies the effect of ethanol exposure on voltage-dependent calcium channels in NG 108-15 cells.](#)

Bergamaschi S, Battaini F, Trabucchi M, Parenti M, Lopez CM, Govoni S.

Alcohol. 1995 Nov-Dec;12(6):497-503.

PMID: 8590609 [PubMed - indexed for MEDLINE]

[Related citations](#)

25.

[Protein kinase C activity, translocation, and conventional isoforms in aging rat brain.](#)

Battaini F, Elkabes S, Bergamaschi S, Ladisa V, Lucchi L, De Graan PN, Schuurman T, Wetsel WC, Trabucchi M, Govoni S.

Neurobiol Aging. 1995 Mar-Apr;16(2):137-48.

PMID: 7777132 [PubMed - indexed for MEDLINE]

[Related citations](#)

26.

[Protein kinase C activation and anti-amnesic effect of acetyl-L-carnitine: in vitro and in vivo studies.](#)

Pascale A, Milano S, Corsico N, Lucchi L, Battaini F, Martelli EA, Trabucchi M, Govoni S.

Eur J Pharmacol. 1994 Nov 14;265(1-2):1-7.

PMID: 7883020 [PubMed - indexed for MEDLINE]

[Related citations](#)

27.

[Characterization and distribution of protein kinase C isoforms in human skin fibroblasts.](#)

Racchi M, Bergamaschi S, Govoni S, Wetsel WC, Bianchetti A, Binetti G, Battaini F, Trabucchi M.

Arch Biochem Biophys. 1994 Oct;314(1):107-11.

PMID: 7944381 [PubMed - indexed for MEDLINE]

[Related citations](#)

28.

[Expression and regulation of calcium-independent protein kinase C in NG 108-15 cell differentiation.](#)

Battaini F, Pascale A, Lucchi L, Racchi M, Bergamaschi S, Parenti M, Wetsel WC, Govoni S, Trabucchi M.

Biochem Biophys Res Commun. 1994 Sep 30;203(3):1423-31.

PMID: 7945290 [PubMed - indexed for MEDLINE]

[Related citations](#)

29.

[Intracellular signalling in the aging brain. The role of protein kinase C and its calcium-dependent isoforms.](#)

Battaini F, Lucchi L, Bergamaschi S, Ladisa V, Trabucchi M, Govoni S.

Ann N Y Acad Sci. 1994 May 31;719:271-84. Review. No abstract available.

PMID: 8010599 [PubMed - indexed for MEDLINE]

[Related citations](#)

30.

[Regulation of protein kinase C in NG108-15 cell differentiation.](#)

Battaini F, Garbillo G, Bergamaschi S, Parenti M, Wetsel WC, Govoni S, Trabucchi M.

Biochem Biophys Res Commun. 1994 May 30;201(1):135-42.

PMID: 8198566 [PubMed - indexed for MEDLINE]

[Related citations](#)

31.

[PKC activity in rat C6 glioma cells: changes associated with cell cycle and simvastatin treatment.](#)

Soma MR, Baetta R, Bergamaschi S, De Renzis MR, Davegna C, Battaini F, Fumagalli R, Govoni S.

Biochem Biophys Res Commun. 1994 Apr 29;200(2):1143-9.

PMID: 8179595 [PubMed - indexed for MEDLINE]

[Related citations](#)

32.

[Inositol 1,4,5-trisphosphate receptor and ryanodine receptor in the aging brain of Wistar rats.](#)

Martini A, Battaini F, Govoni S, Volpe P.

Neurobiol Aging. 1994 Mar-Apr;15(2):203-6.

PMID: 7838292 [PubMed - indexed for MEDLINE]

[Related citations](#)

33.

[Cytosol protein kinase C downregulation in fibroblasts from Alzheimer's disease patients.](#)

Govoni S, Bergamaschi S, Racchi M, Battaini F, Binetti G, Bianchetti A, Trabucchi M.

Neurology. 1993 Dec;43(12):2581-6.

PMID: 8255461 [PubMed - indexed for MEDLINE]

[Related citations](#)

34.

[PKC translocation in rat brain cortex is promoted in vivo and in vitro by alpha-glycerylphosphorylcholine, a cognition-enhancing drug.](#)

Govoni S, Battaini F, Lucchi L, Pascale A, Trabucchi M.

Ann N Y Acad Sci. 1993 Sep 24;695:307-10.

PMID: 8239301 [PubMed - indexed for MEDLINE]

[Related citations](#)

35.

[Cognition stimulating drugs modulate protein kinase C activity in cerebral cortex and hippocampus of adult rats.](#)

Lucchi L, Pascale A, Battaini F, Govoni S, Trabucchi M.

Life Sci. 1993;53(24):1821-32.

PMID: 8246681 [PubMed - indexed for MEDLINE]

[Related citations](#)

36.

[Effect of ethanol exposure on voltage-dependent calcium channels in in vitro cellular models.](#)

Bergamaschi S, Govoni S, Battaini F, Parenti M, Trabucchi M.

Alcohol Alcohol Suppl. 1993;2:403-7.

PMID: 7748330 [PubMed - indexed for MEDLINE]

[Related citations](#)

37.

[G protein modulation of omega-conotoxin binding sites in neuroblastoma x glioma NG 108-15 hybrid cells.](#)

Bergamaschi S, Govoni S, Battaini F, Trabucchi M, Del Monaco S, Parenti M.

J Neurochem. 1992 Aug;59(2):536-43.

PMID: 1321229 [PubMed - indexed for MEDLINE]

[Related citations](#)

38.

[Protein kinase C increase in rat brain cortical membranes may be promoted by cognition enhancing drugs.](#)

Govoni S, Lucchi L, Battaini F, Trabucchi M.

Life Sci. 1992;50(16):PL125-8.

PMID: 1552828 [PubMed - indexed for MEDLINE]

[Related citations](#)

39.

[Effect of a new cognition enhancer, alpha-glycerylphosphorylcholine, on scopolamine-induced amnesia and brain acetylcholine.](#)

Lopez CM, Govoni S, Battaini F, Bergamaschi S, Longoni A, Giaroni C, Trabucchi M.

Pharmacol Biochem Behav. 1991 Aug;39(4):835-40.

PMID: 1662399 [PubMed - indexed for MEDLINE]

[Related citations](#)

40.

[Evaluation of beta-endorphin/beta-lipotropin immunoreactivity content in the CSF of patients affected by deafferentation pain syndromes.](#)

Salar G, Alessio L, Govoni S, Battaini F, Iob I, Goss I, Trabucchi M.

Pharmacol Res. 1991 Feb;23(2):181-6.

PMID: 1829520 [PubMed - indexed for MEDLINE]

[Related citations](#)

41.

[The aging brain: protein phosphorylation as a target of changes in neuronal function.](#)

Magnoni MS, Govoni S, Battaini F, Trabucchi M.

Life Sci. 1991;48(5):373-85. Review.

PMID: 1671520 [PubMed - indexed for MEDLINE]

[Related citations](#)

42.

[Regulation of phorbol ester binding and protein kinase C activity in aged rat brain.](#)

Battaini F, Del Vesco R, Govoni S, Trabucchi M.

Neurobiol Aging. 1990 Sep-Oct;11(5):563-6.

PMID: 2234288 [PubMed - indexed for MEDLINE]

[Related citations](#)

43.

[Effect of chronic ethanol administration to adult or pregnant rats on phorbol ester binding in various brain areas.](#)

Daniele E, Lopez C, Lograno MD, Battaini F, Cuomo V, Cagiano R, Govoni S.

Pharmacol Res. 1990 Sep-Oct;22 Suppl 3:55-6. No abstract available.

PMID: 2097645 [PubMed - indexed for MEDLINE]

[Related citations](#)

44.

[Omegaconotoxin binding decreases in aged rat brain.](#)

Moresco RM, Govoni S, Battaini F, Trivulzio S, Trabucchi M.

Neurobiol Aging. 1990 Jul-Aug;11(4):433-6.

PMID: 2166240 [PubMed - indexed for MEDLINE]

[Related citations](#)

45.

[Decrease in phorbol ester receptors in human brain tumors.](#)

Battaini F, Leggio A, Govoni S, Frattola L, Appollonio I, Ferrarese C, Piolti R, Trabucchi M.

Eur Neurol. 1990;30(5):241-6.

PMID: 2176606 [PubMed - indexed for MEDLINE]

[Related citations](#)

46.

[Modulation of dihydropyridine-sensitive calcium channels: a role for G proteins.](#)

Bergamaschi S, Trabucchi M, Battaini F, Parenti M, Schettini G, Meucci O, Govoni S.

Eur Neurol. 1990;30 Suppl 2:16-20; discussion 39-41.

PMID: 1690652 [PubMed - indexed for MEDLINE]

[Related citations](#)

47.

[Calcium antagonists inhibit met-enkephalin immunoreactive material release: in vitro and ex vivo experiments.](#)

Govoni S, Goss I, Di Giovine S, Battaini F, Trabucchi M.

J Neural Transm Gen Sect. 1990;80(1):1-8.

PMID: 1689585 [PubMed - indexed for MEDLINE]

[Related citations](#)

48.

[Chronic alcohol intake modifies phorbol ester binding in selected rat brain areas.](#)

Battaini F, Del Vesco R, Govoni S, Trabucchi M.

Alcohol. 1989 Mar-Apr;6(2):169-72.

PMID: 2713090 [PubMed - indexed for MEDLINE]

[Related citations](#)

49.

[Reduced cAMP-dependent phosphorylation in striatum and nucleus accumbens of aged rats: evidence of an altered functioning of D1 dopaminoceptive neurons.](#)

Govoni S, Rius RA, Battaini F, Trabucchi M.

J Gerontol. 1988 Jul;43(4):B93-7.

PMID: 2838543 [PubMed - indexed for MEDLINE]

[Related citations](#)

50.

[Effect of chronic calcium antagonist treatment on dopamine recognition sites in rat striatum.](#)

Govoni S, Di Giovine S, Moresco RM, Battaini F, Trabucchi M.

Neurosci Lett. 1988 Apr 22;87(1-2):173-7.

PMID: 3380334 [PubMed - indexed for MEDLINE]

[Related citations](#)

51.

[L-type calcium channels are modified in rat hippocampus by short-term experimental ischemia.](#)

Magnoni MS, Govoni S, Battaini F, Trabucchi M.

J Cereb Blood Flow Metab. 1988 Feb;8(1):96-9.

PMID: 2448324 [PubMed - indexed for MEDLINE]

[Related citations](#)

52.

[Calcium antagonists in tissue protection.](#)

Battaini F, Govoni S, Trabucchi M, Paoletti R.

Pharmacol Ther. 1988;39(1-3):385-8. Review. No abstract available.

PMID: 3059376 [PubMed - indexed for MEDLINE]

[Related citations](#)

53.

[Age-related changes of methionine-enkephalin and beta-endorphin/beta-lipotropin immunoreactivity in human CSF.](#)

Alessio L, Govoni S, Salar G, Battaini F, Iavicoli R, Trabucchi M.

Life Sci. 1988;43(19):1545-50.

PMID: 2973545 [PubMed - indexed for MEDLINE]

[Related citations](#)

54.

[The central dopaminergic system: susceptibility to risk factors for accelerated aging.](#)

Govoni S, Rius RA, Battaini F, Magnoni MS, Lucchi L, Trabucchi M.

Gerontology. 1988;34(1-2):29-34. Review.

PMID: 2838397 [PubMed - indexed for MEDLINE]

[Related citations](#)

55.

[Aging modifies the asymmetry in brain microvascular regulation.](#)

Magnoni MS, Govoni S, Kobayashi H, Battaini F, Trabucchi M.

Stroke. 1988 Jan;19(1):38-41.

PMID: 2827349 [PubMed - indexed for MEDLINE] **Free Article**

[Related citations](#)

56.

[Plasticity of neuronal L-type calcium channels.](#)

Govoni S, Battaini F, Magnoni SM, Lucchi L, Rius RA, Trabucchi M.

Ann N Y Acad Sci. 1988;522:187-98. No abstract available.

PMID: 2454053 [PubMed - indexed for MEDLINE]

[Related citations](#)

57.

[Alcohol impairs age-dependent adaptation of human lymphocyte beta-adrenergic receptors.](#)

Padovani A, Govoni S, Battaini F, Magnoni MS, Civelli L, Mauri A, Picotti GB, Galva MD, Trabucchi M.

Eur J Clin Invest. 1987 Dec;17(6):511-4.

PMID: 2828075 [PubMed - indexed for MEDLINE]

[Related citations](#)

58.

[Erythrocyte 3H-ouabain binding and digitalis treatment in ethanol addicted patients.](#)

Battaini F, Govoni S, Mauri A, Civelli L, Trabucchi M.

Life Sci. 1987 Jun 29;40(26):2505-9.

PMID: 2885700 [PubMed - indexed for MEDLINE]

[Related citations](#)

59.

[Concomitant regulation of hippocampal calcium antagonist receptors and calcium uptake by substance P.](#)

Battaini F, Govoni S, Del Vesco R, Di Giovine S, Trabucchi M.

Biochem Biophys Res Commun. 1987 May 14;144(3):1135-42.

PMID: 2437922 [PubMed - indexed for MEDLINE]

[Related citations](#)

60.

[Plasma prolactin concentrations in lead exposed workers.](#)

Govoni S, Battaini F, Fornicola C, Castelletti L, Trabucchi M.

J Environ Pathol Toxicol Oncol. 1987 Mar-Apr;7(4):13-5.

PMID: 3598878 [PubMed - indexed for MEDLINE]

[Related citations](#)

61.

[Time-related asymmetric changes of brain microvessel beta-adrenergic receptors in the two hemispheres after carotid occlusion.](#)

Magnoni MS, Frattola L, Pasinetti G, Govoni S, Battaini F, Trabucchi M.

Stroke. 1986 Sep-Oct;17(5):966-9.

PMID: 3020743 [PubMed - indexed for MEDLINE] **Free Article**

[Related citations](#)

62.

[Vascular and neuronal mechanisms of calcium antagonists. Significance in neurological therapy\].](#)

Govoni S, Trabucchi M, Battaini F, Magnoni MS, Paoletti R.

Minerva Med. 1986 Jun 8;77(24):1053-8. Italian.

PMID: 3725133 [PubMed - indexed for MEDLINE]

[Related citations](#)

63.

[Changes in the interaction between CNS cholinergic and dopaminergic neurons induced by L-alpha-glycerylphosphorylcholine, a cholinomimetic drug.](#)

Trabucchi M, Govoni S, Battaini F.

Farmaco Sci. 1986 Apr;41(4):325-34.

PMID: 3709792 [PubMed - indexed for MEDLINE]

[Related citations](#)

64.

[Partial reversal of asymmetry in microvessel neurochemical changes after ischemia by corpus callosum section.](#)

Magnoni MS, Kobayashi H, Govoni S, Battaini F, Pasinetti G, Trabucchi M.

Circulation. 1986 Apr;73(4):784-8.

PMID: 3004783 [PubMed - indexed for MEDLINE]

[Related citations](#)

65.

[Age-dependent changes in the mechanisms regulating dopamine uptake in the central nervous system.](#)

Missale C, Govoni S, Pasinetti G, Assini C, Spano PF, Battaini F, Trabucchi M.

J Gerontol. 1986 Mar;41(2):136-9.

PMID: 3950337 [PubMed - indexed for MEDLINE]

[Related citations](#)

66.

[Neurotensin effect on dopamine release and calcium transport in rat striatum: interactions with diphenylalkylamine calcium antagonists.](#)

Battaini F, Govoni S, Di Giovine S, Trabucchi M.

Naunyn Schmiedebergs Arch Pharmacol. 1986 Mar;332(3):267-70.

PMID: 3713871 [PubMed - indexed for MEDLINE]

[Related citations](#)

67.

[Cyclic AMP-dependent protein phosphorylation is reduced in rat striatum after chronic ethanol treatment.](#)

Rius RA, Govoni S, Battaini F, Trabucchi M.

Brain Res. 1986 Feb 19;365(2):355-9.

PMID: 3004661 [PubMed - indexed for MEDLINE]

[Related citations](#)

68.

[Age-related changes in neurotensin content and receptors in various rat brain areas.](#)

Govoni S, Di Giovine S, Battaini F, Trabucchi M.

Exp Aging Res. 1986 Winter;12(4):197-201.

PMID: 3569395 [PubMed - indexed for MEDLINE]

[Related citations](#)

69.

[Age-dependent increase in \[<sup>3</sup>H\]verapamil binding to rat cortical membranes.](#)

Battaini F, Govoni S, Rius RA, Trabucchi M.

Neurosci Lett. 1985 Oct 24;61(1-2):67-71.

PMID: 2417170 [PubMed - indexed for MEDLINE]

[Related citations](#)

70.

[Differential sensitivity of \[<sup>3</sup>H\]nitrendipine binding to cations of toxicological interest in various rat brain areas.](#)

Rius RA, Govoni S, Battaini F, Trabucchi M.

Toxicol Lett. 1985 Sep;27(1-3):103-8.

PMID: 2414865 [PubMed - indexed for MEDLINE]

[Related citations](#)

71.

[Age-related reduced affinity in \[<sup>3</sup>H\]nitrendipine labeling of brain voltage-dependent calcium channels.](#)

Govoni S, Rius RA, Battaini F, Bianchi A, Trabucchi M.

Brain Res. 1985 May 6;333(2):374-7.

PMID: 2581663 [PubMed - indexed for MEDLINE]

[Related citations](#)

72.

[Non-vascular central nervous system effects of calcium entry blockers.](#)

Govoni S, Battaini F, Magnoni MS, Trabucchi M.

Cephalgia. 1985 May;5 Suppl 2:115-8.

PMID: 2861906 [PubMed - indexed for MEDLINE]

[Related citations](#)

73.

[Ethanol administration in vivo alters calcium ions control in rat striatum.](#)

Lucchi L, Govoni S, Battaini F, Pasinetti G, Trabucchi M.

Brain Res. 1985 Apr 22;332(2):376-9.

PMID: 2581655 [PubMed - indexed for MEDLINE]

[Related citations](#)

74.

[Effect of chronic ethanol consumption on human and animal receptor plasticity during aging.](#)

Govoni S, Padovani A, Magnoni MS, Battaini F, Rius RA, Picotti G, Civelli L, Mauri A, Trabucchi M.

Alcohol Drug Res. 1985-1986;6(6):441-8.

PMID: 3015158 [PubMed - indexed for MEDLINE]

[Related citations](#)

75.

[Kynurenone may directly interact with GABA receptors in rat brain.](#)

Pinelli A, Govoni S, Ossi C, Battaini F, Caimi BR, Trivulzio S.

Pharmacology. 1985;30(5):255-8.

PMID: 2987981 [PubMed - indexed for MEDLINE]

[Related citations](#)

76.

[Neurotensin effect on calcium transport and dopamine release in rat striatum.](#)

Battaini F, Govoni S, Trabucchi M.

Regul Pept Suppl. 1985;4:188-90. No abstract available.

PMID: 2414815 [PubMed - indexed for MEDLINE]

[Related citations](#)

77.

[Unresponsiveness of GH cells to cyclo\(histidyl-proline\), a metabolite of thyrotropin releasing hormone.](#)

Battaini F, Dannies PS, Peterkofsky A.

Life Sci. 1984 Dec 17;35(25):2519-27.

PMID: 6096658 [PubMed - indexed for MEDLINE]

[Related citations](#)

78..

[Caerulein peripheral injection: a study on the correlation with dopaminergic metabolism.](#)

Pasinetti G, Govoni S, Battaini F, Locatelli P, Faccini E, Trabucchi M.

Pharmacol Res Commun. 1984 Dec;16(12):1175-82.

PMID: 6522441 [PubMed - indexed for MEDLINE]

[Related citations](#)

79.

[Chronic lead exposure differentially affects dopamine transport in rat striatum and nucleus accumbens.](#)

Missale C, Battaini F, Govoni S, Castelletti L, Spano PF, Trabucchi M.

Toxicology. 1984 Oct;33(1):81-90.

PMID: 6495347 [PubMed - indexed for MEDLINE]

[Related citations](#)

80.

[Differential effects of caffeine on dihydroxyphenylacetic acid concentrations in various rat brain dopaminergic structures.](#)

Govoni S, Petkov VV, Montefusco O, Missale C, Battaini F, Spano PF, Trabucchi M.

J Pharm Pharmacol. 1984 Jul;36(7):458-60.

PMID: 6146691 [PubMed - indexed for MEDLINE]

[Related citations](#)

81.

[Chronic dihydroergotoxine treatment affects the number of dopamine recognition sites in rat striatum.](#)

Battaini F, Govoni S, Rius RA, Spano PF, Trabucchi M.

Pharmacol Res Commun. 1984 Jun;16(6):605-11.

PMID: 6463097 [PubMed - indexed for MEDLINE]

[Related citations](#)

82.

[Chronic lead treatment affects dopaminergic control of prolactin secretion in rat pituitary.](#)

Govoni S, Lucchi L, Battaini F, Spano PF, Trabucchi M.

Toxicol Lett. 1984 Mar;20(3):237-41.

PMID: 6701910 [PubMed - indexed for MEDLINE]

[Related citations](#)

83.

[Detection in human serum by radioimmunoassay of histidyl-proline diketopiperazine, a metabolite of thyrotropin-releasing hormone.](#)

Takahara Y, Battaini F, Ross DD, Akman SA, Bachur NR, Bailey KR, Lakatos E, Peterkofsky A.

J Clin Endocrinol Metab. 1983 Feb;56(2):312-9.

PMID: 6401750 [PubMed - indexed for MEDLINE]

[Related citations](#)

84.

[\[3H\]Cyclo\(histidyl-proline\) in rat tissues: distribution, clearance and binding.](#)

Koch Y, Battaini F, Peterkofsky A.

Biochem Biophys Res Commun. 1982 Jan 29;104(2):823-9. No abstract available.

PMID: 7200361 [PubMed - indexed for MEDLINE]

[Related citations](#)

85.

[Specific binding to adrenal particulate fraction of cyclo\(histidyl-proline\), a TRH metabolite.](#)

Battaini F, Koch Y, Takahara Y, Peterkofsky A.

Peptides. 1983 Jan-Feb;4(1):89-96.

PMID: 6306620 [PubMed - indexed for MEDLINE]

[Related citations](#)

86.

[Histidyl-proline diketopiperazine: its biological role as a regulatory peptide.](#)

Peterkofsky A, Battaini F, Koch Y, Takahara Y, Dannies P.

Mol Cell Biochem. 1982 Jan 16;42(1):45-63. Review.

PMID: 6278283 [PubMed - indexed for MEDLINE]

[Related citations](#)

87.

[Sulpiride and the role of dopaminergic receptor blockade in the antipsychotic activity of neuroleptics.](#)

Memo M, Battaini F, Spano PF, Trabucchi M.

Acta Psychiatr Scand. 1981 Apr;63(4):314-24.

PMID: 7315480 [PubMed - indexed for MEDLINE]

[Related citations](#)

88.

[Histidyl-proline diketopiperazine, an endogenous brain peptide that inhibits \(Na<sup>+</sup> + K<sup>+</sup>\)-ATPase.](#)

Battaini F, Peterkofsky A.

Biochem Biophys Res Commun. 1980 May 14;94(1):240-7. No abstract available.

PMID: 6248056 [PubMed - indexed for MEDLINE]

[Related citations](#)

89.

[Genotype-dependent sensitivity to morphine: role of different opiate receptor populations.](#)

Reggiani A, Battaini F, Kobayashi H, Spano P, Trabucchi M.

Brain Res. 1980 May 5;189(1):289-94. No abstract available.

PMID: 6244877 [PubMed - indexed for MEDLINE]

[Related citations](#)

90.

[Effect of long-term treatment with haloperidol and sulpiride on different types of dopaminergic receptors.](#)

Trabucchi M, Memo M, Battaini F, Reggiani A, Spano PF.

Adv Biochem Psychopharmacol. 1980;24:275-81. No abstract available.

PMID: 7405667 [PubMed - indexed for MEDLINE]

[Related citations](#)

91.

[Interaction of sulfpride and ergot derivatives on rat brain DOPAC concentration and prolactin secretion in vivo.](#)

Hofmann M, Battaini F, Tonon G, Trabucchi M, Spano P.

Eur J Pharmacol. 1979 Jun;56(1-2):15-20.

PMID: 467503 [PubMed - indexed for MEDLINE]

[Related citations](#)

92.

[Inhibitory effects of cyclic-AMP dependent protein kinase on guanylate cyclase activity in rat cerebellum.](#)

Kumakura K, Battaini F, Hofmann M, Spano PF, Trabucchi M.

FEBS Lett. 1978 Sep 15;93(2):231-4. No abstract available.

PMID: 30647 [PubMed - indexed for MEDLINE]

[Related citations](#)

**ULTERIORI PUBBLICAZIONI SU LIBRI/ RIVISTE INTERNAZIONALI**

**INDICIZZATE DA Google Scholar e Scopus**

1. PASCALE A .AMADIO M., BATTAINI F. Protein kinases C: evergreen players in old and new signal transduction cascades In *New Research on Signal Trasdution.* (B.R. Yanson Ed), Chapter 3, 63-77 Nova Science Publishers Inc. 2007.
2. NOGUES X., PASCALE A., MICHEAU J. and BATTAINI F. Protein Kinase C. In *Cellular Mechanisms of Memory Formation* (Riedel G. & Platt B. Eds). Landes Bioscience., 4.4: 383-410, 2004.
3. KUMAKURA K., OHARA-IMAIZUMI, M., BATTAINI F., SASAKAWA N., and OHKUBO S. Multiple roles of actin cytoskeleton in catecholamine release from chromaffin cells. *Adv. Behav. Biol.*, 53: 57-60, 2002.
4. BATTAINI F., PASCALE A., ANCONA D.M.R., CAGIANO R., CUOMO V. and GOVONI S. Moderate alcohol intake: behavioral and neurochemical correlates in rats. *Nutr. Neurosci.*, 1, 151-159, 1998.
5. GASPARINI L. GOVONI S. and BATTAINI F. A review on the neurobiological basis of memory. *Arch. Gerontol. & Geriatr.* 36: 225-234, 1998.
6. BATTAINI F., GOVONI S. and TRABUCCHI M.: Protein kinase C signal transmission during aging.In: *Experimental Molecular Mammalian Gerontology. Molecular Basis of Aging.* (A. Macieira-Coelho Ed), CRC Press, Boca Raton, FL, USA, 7: 269-292, 1995.
7. BATTAINI F., GOVONI S., MAGNONI M.S., TRABUCCHI M.: Calcium ion homeostasis in the aging brain: regulation of voltage-dependent calcium channels. In: *Ion Channels and Ion Transport. Structure, Function and Endocrine Regulation.* (P.P. Foà and M.F.Walsh Eds), Springer Verlag, New York, N.Y., pp. 418-435, 1994.
8. BATTAINI F., GOVONI S., LUCCHI L., LADISA V., BERGAMASCHI S. and TRABUCCHI M.:Age-related changes in brain protein kinase C expression, activity and translocation. *Drugs in Development*, 2:275-282, 1993.

9. MAGNONI M.S., GOVONI S., BATTAINI F. and TRABUCCHI M.: Changes in neuronal function downstream from the receptor in the aging brain: protein kinases and phosphoproteins. *Reviews in Neurosci.* 3: 249-270, 1992.
10. GOVONI S., LOPEZ C., BATTAINI F., and TRABUCCHI M.: Chronic treatment with an acetylcholine synthesis precursor, a-glycerylphosphorylcholine, alters brain parameters linked to cholinergic transmission and passive avoidance behaviour. *Drug Develop. Res.*, 26: 439-447, 1992.
11. BATTAINI F., GOVONI S., DEL VESCO R., MORESCO R.M., TRABUCCHI M: Signal transduction in the aging brain: calcium channels and calcium-phospholipid-dependent kinases. In: *Aging Brain and Dementia: New Trends in Diagnosis and Therapy*. L. Battistin and F. Gerstenbrand Eds. Wiley-Liss, New York, pp. 169-187, 1990.
12. MAGNONI M.S., TRABUCCHI M., BATTAINI F., GOVONI S.: The role of calcium in cerebral ischemic damage. In: *The Role of Calcium in Biological Systems*. (L.J. Anghileri Ed.) CRC Press, Boca Raton, FL., Vol. V, pp. 197-215, 1990.
13. BATTAINI, F., TRABUCCHI, M., LEGGIO, A., GOVONI, S., FRATTOLA, L., APPOLLONIO, I., FERRARESE, C., PIOLTI, R. Protein kinase C in human brain tumors: Decrease of phorbol ester receptor in glial tumors. *Clinical Chemistry and Enzymology Communications* 2 (4-6), pp. 353-357, 1990
14. TRABUCCHI M., APPOLLONIO I., BATTAINI F., GOVONI S., and FRATTOLA L. Influence of treatment on the natural history of Parkinson's disease. In: *Parkinsonism and Aging*. Aging Vol. 36, D.B. Calne, D. Crippa, G.C. Comi, R. Horowski and M. Trabucchi, Eds. Raven Press, New York, pp. 239-254, 1989.
15. BATTAINI F., GOVONI S., MAGNONI M.S., LUCCHI L., RIUS R.A. and TRABUCCHI M.: Calcium antagonism in central nervous system. In: *Trends in the Pharmacology of Neurotransmission*. T. Stitchev, D. Staneva-Stoitcheva, R. Radomirov, S. Todorov, R. Ovcharov, Eds. Bulgarian Acad. Sci., p. 30-35, 1987.
16. GOVONI S., TRABUCCHI M., MAGNONI M.S., BATTAINI F. and PAOLETTI R.: Abnormal neurotransmitter release and calcium entry blockers. In: *Calcium entry blockers and tissue protection*. Godfraind T., Vanhoutte P.M., Govoni S. and Paoletti R., Eds., Raven Press, New York, pp. 151-162, 1985
17. PETERKOFSKY A. and BATTAINI F.: The biological activities of the neuropeptide Histidyl-Proline Diketopiperazine. *Neuropeptides*, 1:105-118, 1980.

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## **CAPITOLI SU LIBRI DI TESTO**

BATTAINI F. Le alterazioni indotte della psiche: psicostimolanti e psicotomimetici. *Trattato di Farmacologia e Terapia: Volume di Neuropsicofarmacologia*. Ed: Govoni S., Frattola L., Racagni G., Smeraldi E. UTET, Torino, 1997.

GOVONI S., BIANCHETTI A., RACCHI M., BATTAINI F., GAMBINI O. Basi neurobiologiche e aspetti farmacoterapeutici dei disturbi delle memoria e delle malattie dementigene. *Trattato di Farmacologia e Terapia: Volume di Neuropsicofarmacologia*. Ed: Govoni S., Frattola L., Racagni G., Smeraldi E. UTET, Torino, 1997

## **PUBBLICAZIONI SU RIVISTE NAZIONALI A CARATTERE DIVULGATIVO**

1. BATTAINI F. I Classici della Ricerca: "The sodium-potassium ATPase: pharmacological, physiological and biochemical aspects". Rassegna Clinico Scientifica, 61(9): 224-225, 1985.
2. GOVONI S., BATTAINI F.: Controllo del calcio nella funzione neuronale e nella protezione cerebrale. Rassegna Clinico Scientifica, 62(3): 70-71, 1986.

3. BATTAINI F.: Moderne acquisizioni sul ruolo biologico e clinico del TRH. La Presse Medicale. Edizione Italiana, Supp. 4: 5-16, 1988.
4. DANIELE E., MORESCO R.M., BATTAINI F., MAGNONI M.S., LOPEZ C.M., TRABUCCHI M., GOVONI S.: Il calcio nella patogenesi del danno cerebrale ischemico. Selecta Neurologica, pp. 23-36, 1989.
5. BATTAINI F.: La neoformazione di cellule nervose. Senior, 5, 35-40, 1990.
6. GOVONI S. and BATTAINI F.: La memoria scritta nel cervello. Doctor, IX, 18, 1991.
7. GOVONI S., BATTAINI F.: L'engramma traccia della memoria. MEMO, Anno IV, 9: pp. 18-21, 1991.
8. GOVONI S. and BATTAINI F. Quando la memoria non si arrende all'eta'. Il Giorno (Sezione Scienza e Societa'), 24 Settembre 1991.
9. BATTAINI F e GOVONI S.: Neurobiologia della Memoria. Piccin Editore, Padova, pp. 92, 1993
10. GOVONI S. e BATTAINI F: I Farmaci per il Decadimento Cerebrale. Piccin Editore, Padova, pp. 122, 1993
11. BATTAINI F. La neurobiologia dell'ansia. Rassegna Clinico Scientifica, 69 (2), 6-12, 1994
12. BATTAINI F., BIANCHETTI A., GOVONI S.: Coinvolgimento delle protein chinasi C nella malattia di Alzheimer. AIRIC News 3 vol. 2: 72, 1994.

#### **TRADUZIONI DI CAPITOLI SU LIBRI**

Traduzione italiana (Capitoli 15, 17 e 24), del Goodman & Gilman "The Pharmacological Basis of Therapeutics", 9<sup>a</sup> Edizione Italiana, McGraw-Hill, 1997.

