

## NERVOUS SYSTEM TROPHORESTORATIVES

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- 1 **Nutr Neurosci.** 2005 Apr;8(2):121-7. *Protein source tryptophan versus pharmaceutical grade tryptophan as an efficacious treatment for chronic insomnia.* Hudson C, Hudson SP, Hecht T, MacKenzie J.
- 2 **J Appl Microbiol.** 2008 Oct;105(4):1227-37. Evaluation of the fermentability of oat fractions obtained by debranning using lactic acid bacteria. Kedia G, Vázquez JA, Pandiella SS.
- 3 **J Am Coll Nutr.** 2007 Dec;26(6):639-44. Beta-glucan from two sources of oat concentrates affect postprandial glycemia in relation to the level of viscosity. nahi S, Ezatagha A, Temelli F, Vasanthan T, Vuksan V.
- 4 **J Nutr.** 2006 Apr;136(4):913-9. *Dietary fibers affect viscosity of solutions and simulated human gastric and small intestinal digesta.* Dikeman CL, Murphy MR, Fahey GC Jr.
  
- 5 **Obes Res.** 2002 Jun;10(6):478-88. *Evidence that intermittent, excessive sugar intake causes endogenous opioid dependence.* Colantuoni C, Rada P, McCarthy J, Patten C, Avena NM, Chadeayne A, Hoebel BG.
- 6 **Alcohol.** 2008 Aug;42(5):349-61 *Alcohol, intestinal bacterial growth, intestinal permeability to endotoxin, and medical consequences: summary of a symposium.* Purohit V, Bode JC, Bode C, Brenner DA, Choudhry MA, Hamilton F, Kang YJ, Keshavarzian A, Rao R, Sartor RB, Swanson C, Turner JR.
- 7 **Scand J Gastroenterol.** 2006 Nov;41(11):1272-8. *nitric oxide during one year of gluten-free diet with or without oats in children with coeliac disease.* Hollén E, Forslund T, Högberg L, Laurin P, Stenhammar L, Fälth-Magnusson K, Magnusson KE, Sundqvist T.
- 8 **Br J Nutr.** 2006 Jul;96(1):47-55. *Short-chain fatty acid formation in the hindgut of rats fed native and fermented oat fibre concentrates.* Lambo-Fodje AM, Oste R, Nyman ME.
- 9 **J Agric Food Chem.** 2008 Apr 23;56(8):2624-9. *Sulfated beta-glucan derived from oat bran with potent anti-HIV activity.* Wang SC, Bligh SW, Zhu CL, Shi SS, Wang ZT, Hu ZB, Crowder J, Branford-White C, Vella C.
- 10 **Am J Clin Nutr.** 1996 Nov;64(5):778-86. *Preexercise meal composition alters plasma large neutral amino acid responses during exercise and recovery.* Paul GL, Rokusek JT, Dykstra GL, Boileau RA, Layman DK.
- 11 **Phytochemistry.** 2003 Jun;63(3):249-55. *Cys/Gly-rich proteins with a putative single chitin-binding domain from oat (Avena sativa) seeds. [Groats]* Li SS, Claeson P.
- 12 **J Ethnopharmacol.** 2003 May;86(1):15-20. *Inhibitory effect of Sejin-Eum I/II on nicotine- and cigarette extract-induced cytotoxicity in human lung fibroblast.* Jin JS, Kim MS, Yi JM, Lee JH, Lee JH, Moon SJ, Jung KP, Lee JK, An NH, Kim HM.
- 13 **Eur J Med Res.** 2004 Sep 29;9(9):423-31. *Effects of lozenge containing lavender oil, extracts from hops, lemon balm and oat on electrical brain activity of volunteers.* Dimpfel W, Pischel I, Lehnfeld R.
- 14 Reimer C, Schneider I, Schneider W, Schafer HL, Elstner EF, " Effects of ethanolic extracts from Eschscholtzia californica and Corydalis cava on dimerization and oxidation of enkephalins" **Arzneimittelforschung** (1995 Feb) 45(2): pp132-6
- 15 Kleber Schneider W, Schafer HF, Elstner EF "Modulation of key reaction of the catecholamine metabolism by extracts from Eschscholtzia californica and Corydalis cava" **Arzneimittelforschung** (1995 Feb) 45(2): 127-31
- 16 **Zhongguo Zhong Yao Za Zhi.** 2005 Nov;30(22):1756-7. Studies on the alkaloids from herb of Corydalis adunca Zhao DB, Tang YL, Wang HQ.
- 17 **Planta Med.** 2003 Apr;69(4):305-9. Positive cooperation of protoberberine type 2 alkaloids from Corydalis cava on the GABA(A) binding site. Halbsguth C, Meissner O, Häberlein H.
  
- 18 **Phytochemistry.** 2004 Nov;65(22):3041-7. *Flavonoid glycosides and isoquinolinone alkaloids from Corydalis bungeana.* Xie C, Veitch NC, Houghton PJ, Simmonds MS.
- 19 **J Ethnopharmacol.** 2008 Sep 2;119(1):74-80. *Cholinesterase inhibitory and anti-amnesic activity of alkaloids from Corydalis turtschaninovii.* Hung TM, Na M, Dat NT, Ngoc TM, Youn U, Kim HJ, Min BS, Lee J, Bae K

- 20 **J Ethnopharmacol.** 2008 Sep 2;119(1):74-80. *Cholinesterase inhibitory and anti-amnesic activity of alkaloids from Corydalis turtschaninovii.* Hung TM, Na M, Dat NT, Ngoc TM, Youn U, Kim HJ, Min BS, Lee J, Bae K.
- 21 **J Ethnopharmacol.** 2006 Apr 6;104(3):418-22. *Screening of plants used in Danish folk medicine to treat memory dysfunction for acetylcholinesterase inhibitory activity.* Adersen A, Gauguin B, Gudiksen L, Jäger AK.
- 22 **Zhong Yao Cai.** 2007 Nov;30(11):1386-7. *Alkaloid constituents of Corydalis adunca.* Liang JY, Zhang J, Liu AP, Chen MZ, Niu TS.
- 23 **J Ethnopharmacol.** 2004 Mar;91(1):57-60. *Acetylcholinesterase and butyrylcholinesterase inhibitory activity of some Turkish medicinal plants.* Orhan I, Sener B, Choudhary MI, Khalid A.
- 24 **Arzneimittelforschung.** 1995 Feb;45(2):127-31. *Modulation of key reactions of the catecholamine metabolism by extracts from Eschscholtzia californica and Corydalis cava.* Kleber E, Schneider W, Schäfer HL, Elstner EF.
- 25 **Arzneimittelforschung.** 1995 Feb;45(2):127-31. *Modulation of key reactions of the catecholamine metabolism by extracts from Eschscholtzia californica and Corydalis cava.* Kleber E, Schneider W, Schäfer HL, Elstner EF.
- 26 **Arzneimittelforschung.** 1995 Feb;45(2):124-6 *Sedative action of extract combinations of Eschscholtzia californica and Corydalis cava.* Schäfer HL, Schäfer H, Schneider W, Elstner EF
- 27 **Chirality.** 2008 Feb;20(2):119-24. *Comparative studies on pharmacokinetic fates of tetrahydropalmatine enantiomers in different chemical environments in rats.* Hong Z, Le J, Lin M, Fan G, Chai Y, Yin X, Wu Y.
- 28 **Psychopharmacology (Berl).** 2007 Jul;192(4):581-91. *Levo-tetrahydropalmatine attenuates cocaine self-administration and cocaine-induced reinstatement in rats.* Mantsch JR, Li SJ, Risinger R, Awad S, Katz E, Baker DA, Yang Z.
- 29 **Biopharm Drug Dispos.** 2006 Apr;27(3):111-7. *Brain pharmacokinetics and tissue distribution of tetrahydropalmatine enantiomers in rats after oral administration of the racemate.* Hong Z, Fan G, Le J, Chai Y, Yin X, Wu Y.
- 30 **Exp Mol Med.** 2005 Aug 31;37(4):371-7. *Regulation of glutamate level in rat brain through activation of glutamate dehydrogenase by Corydalis ternata.* Lee KH, Huh JW, Choi MM, Yoon SY, Yang SJ, Hong HN, Cho SW.
- 31 **Biol Pharm Bull.** 2004 Aug;27(8):1207-11. *Modulation of Corydalis tuber on glycine-induced ion current in acutely dissociated rat periaqueductal gray neurons.* Cheong BS, Choi DY, Cho NH, Lee JD, Chang HK, Shin MC, Shin MS, Kim CJ.
- 32 **Zhongguo Zhong Xi Yi Jie He Za Zhi.** 2007 Nov;27(11):1007-9. *Effects of combined use of total alkaloids of Uncaria rhynchophylla and Corydalis ambailis migo on cerebral ischemia-reperfusion injury in rats.* Hu XY, Sun AS, Sui YX.
- 33 **Zhongguo Zhong Xi Yi Jie He Za Zhi.** 2007 Nov;27(11):1007-9. *Effects of combined use of total alkaloids of Uncaria rhynchophylla and Corydalis ambailis migo on cerebral ischemia-reperfusion injury in rats.* Hu XY, Sun AS, Sui YX.
- 34 **J Clin Pharmacol.** 2004 Nov;44(11):1323-7. *Effects of Corydalis yanhusuo and Angelicae dahuricae on cold pressor-induced pain in humans: a controlled trial.* Yuan CS, Mehendale SR, Wang CZ, Aung HH, Jiang T, Guan X, Shoyama Y.
- 35 **Planta Med.** 1996 Apr;62(2):173-4. *Reduction of ACh-induced contraction of rat isolated ileum by coptisine, (+)-caffeoylmalic acid, Chelidonium majus, and Corydalis lutea extracts.* Boege SC, Kesper S, Verspohl EJ, Nahrstedt A.
- 36 **Neurosci Lett.** 2002 Mar 8;320(3):113-6. *The protective effect of dl-tetrahydropalmatine against the development of amygdala kindling seizures in rats.* Lin MT, Wang JJ, Young MS.
- 37 **Phyther Res.** 2005 Oct;19(10):819-38. *Stimulating effect of adaptogens: an overview with particular reference to their efficacy following single dose administration.* Panossian A, Wagner H.

38 **J Pharmacol Sci.** 2008 Jul;107(3):329-39. *Inhibitory effects of Eleutherococcus senticosus extracts on amyloid beta(25-35)-induced neuritic atrophy and synaptic loss.* Tohda C, Ichimura M, Bai Y, Tanaka K, Zhu S, Komatsu K.

39 **Psychol Med.** 2004 Jan;34(1):51-61 *Randomized controlled trial of Siberian ginseng for chronic fatigue.* Hartz AJ, Bentler S, Noyes R, Hoehns J, Logemann C, Sinitz S, Butani Y, Wang W, Brake K, Ernst M, Kautzman H

40 **GENE**, Nov 1996, 179(1) pp 73-81 Kutchen, TM, "Heterologous expression of alkaloid biosynthetic genes – a review."

41 **Phytochem Anal.** 2006 Jul;17(4):236-42. *Analysis of secondary metabolites from eschscholtzia californica by high-performance liquid chromatography.* Klvana M, Chen J, Lépine F, Legros R, Jolicoeur M.

42 **J Chromatogr B Analyt Technol Biomed Life Sci.** 2003 Jun 5;789(1):43-57. *Studies on the metabolism and toxicological detection of the Eschscholtzia californica alkaloids californine and protopine in urine using gas chromatography-mass spectrometry.* Paul LD, Maurer HH.

43 **Phytochemistry.** 1999 Jan;50(2):329-32. *Flavonol glycosides from Eschscholtzia californica.* Beck MA, Häberlein H.

44 **Arzneimittelforschung.** 1995 Feb;45(2):132-6. *Effects of ethanolic extracts from Eschscholtzia californica and Corydalis cava on dimerization and oxidation of enkephalins.* Reimeier C, Schneider I, Schneider W, Schäfer HL, Elstner EF.

45 **Arzneimittelforschung** (1995 Feb) 45(2): pp132-6 "Effects of ethanolic extracts from Eschscholtzia californica and Corydalis cava on dimerization and oxidation of enkephalins" Reimer C, Schneider I, Schneider W, Schafer HL, Elstner EF,

46 **Arzneimittelforschung** (1995 Feb) 45(2): 127-3 Kleber SchneiderW, Schafer HF, Elstner EF "Modulation of key reaction of the catecholamine metabolism by extracts from Eschscholtzia californica and Corydalis cava

47 **Arzneimittelforschung** (1995 Feb) 45(2): 127-31 Kleber SchneiderW, Schafer HF, Elstner EF "Modulation of key reaction of the catecholamine metabolism by extracts from Eschscholtzia californica and Corydalis cava"

48 **Planta Med** (1992 Feb) 58(1): pp 35-8 Granger I, Seradeil-le Gal C, Augereau JM, Gleye J, "Benzophenanthridine alkaloids isolated from Eschscholtzia californica cell suspension cultures interacts with vasopressin VI receptors"

49 **Planta Med.** 1992 Feb;58(1):35-8. *Benzophenanthridine alkaloids isolated from Eschscholtzia californica cell suspension cultures interact with vasopressin (VI) receptors.* Granger I, Serradeil-le Gal C, Augereau JM, Gleye J.

50 **Curr Med Res Opin.** 2004 Jan;20(1):63-71. Hanus M, Lafon J, Mathieu M.

51 **Arzneimittelforschung.** 1995 Feb;45(2):124-6. *Sedative action of extract combinations of Eschscholtzia californica and Corydalis cava.* Schäfer HL, Schäfer H, Schneider W, Elstner EF.

52 **Eur J Pharmacol.** 2004 Feb 6;485(1-3):69-79. *Cytochrome P450 isoenzymes involved in rat liver microsomal metabolism of californine and protopine.* Paul LD, Springer D, Staack RF, Kraemer T, Maurer HH

53 **Wien Med Wochenschr.** 2007;157(13-14):356-61. *St. John's wort: role of active compounds for its mechanism of action and efficacy.* Butterweck V, Schmidt M.

54 **Prog Neuropsychopharmacol Biol Psychiatry.** 2008 Nov 12. *Efficacy and tolerability of Hypericum perforatum in major depressive disorder in comparison with selective serotonin reuptake inhibitors: A meta-analysis.* Rahimi R, Nikfar S, Abdollahi M

55 **Psychopharmacology** (Berl). 2002 Nov;164(3):301-8. *Cluster analysis of symptoms during antidepressant treatment with Hypericum extract in mildly to moderately depressed out-patients. A meta-analysis of data from three randomized, placebo-controlled trials.* Kasper S, Dienel A.

56 **Cochrane Database Syst Rev.** 2005 Apr 18;(2):CD000448. *St John's wort for depression.* Linde K, Mulrow CD, Berner M, Egger M.

57 **Holist Nurs Pract.** 2006 Jul-Aug;20(4):197-203. *St. John's wort and the treatment of mild to moderate depression: a systematic review.* Clement K, Covertson CR, Johnson MJ, Dearing K.

58 **Eur Neuropsychopharmacol.** 2008 Nov;18(11):803-13. *Continuation and long-term maintenance treatment with Hypericum extract WS 5570 after recovery from an acute episode of moderate depression--a double-blind, randomized, placebo controlled long-term trial.* Kasper S, Volz HP, Möller HJ, Dienel A, Kieser M.

59 **J Oral Pathol Med.** 2008 Aug;37(7):395-401. *Hypericum perforatum extract in burning mouth syndrome: a randomized placebo-controlled study.* Sardella A, Lodi G, Demarosi F, Tarozzi M, Canegallo L, Carrassi A

60 **Maturitas.** 2007 Aug 20;57(4):405-14. *Black cohosh with or without St. John's wort for symptom-specific climacteric treatment--results of a large-scale, controlled, observational study.* Briese V, Stammwitz U, Friede M, Henneicke-von Zepelin HH.

61 **Yonsei Med J.** 2007 Apr 30;48(2):289-94. *Black cohosh and St. John's wort (GYNO-Plus) for climacteric symptoms.* Chung DJ, Kim HY, Park KH, Jeong KA, Lee SK, Lee YI, Hur SE, Cho MS, Lee BS, Bai SW, Kim CM, Cho SH, Hwang JY, Park JH

62 **Gynakol Geburtshilffliche Rundsch.** 2006;46(4):197-213. **Complementary and alternative therapies for climacteric symptoms** Reinhard-Hennch B, Strowitzki T, von Hagens C.

63 **Planta medica,** 1984;2:272 Suzuki O, et al

64 **J Geriatr Psychiat Neurol** 7 1994: Suppl:557-559

65 **Fitoterapia** 1995;66(1): 43-68 Bombardelli E, et al

66 **Lawrence Rev,** Nov 1997

67 **Arzneimittelforschung** 1995;45 (11):1145-48 Perovic S., et al

68 **J Clin Pharmacol.** 2006 Oct;46(10):1188-94. *Effects of Hypericum perforatum on ivabradine pharmacokinetics in healthy volunteers: an open-label, pharmacokinetic interaction clinical trial.* Portolés A, Terleira A, Calvo A, Martínez I, Resplandy G.

69 **Planta Med.** 1991 Apr;57(2):105-9. *Neurotropic action of the hydroalcoholic extract of Melissa officinalis in the mouse.* Soulimani R, Fleurentin J, Mortier F, Misslin R, Derrieu G, Pelt JM.

70 **Pharmacol Res.** 2005 Sep;52(3):199-203. *Neurobehavioral and genotoxic aspects of rosmarinic acid.* Pereira P, Tysca D, Oliveira P, da Silva Brum LF, Picada JN, Ardenghi P.

71 **Phytomedicine.** 2006 Jun;13(6):383-7. *A combination of valerian and lemon balm is effective in the treatment of restlessness and dysomnia in children* Müller SF, Klement S

72 **Endocrinology** 116(5);1987 Auf'molk, M 1985, "The active principles of plant extracts with antithyrotropic activity: Oxidation products of derivatives of 3,4-dihydroxycinnamic acid"

73 **Planta Med** 1982;45:78 Sourgens H, et al, "Antihormonal effects of plant extracts. TSH-and prolactin-suppressing properties of Lithospermum officinale and other plants"

74 **J Pharm Pharmacol.** 2008 Nov;60(11):1515-22. *Pharmacological profile of essential oils derived from Lavandula angustifolia and Melissa officinalis with anti-agitation properties: focus on ligand-gated channels.* Huang L, Abuhamdah S, Howes MJ, Elliot MS, Ballard C, Holmes C, Burns A, Perry EK, Francis PT, Lees G, Chazot PL.

75 **Can J Physiol Pharmacol.** 2007 Sep;85(9):933-42. *Effects of traditionally used anxiolytic botanicals on enzymes of the gamma-aminobutyric acid (GABA) system.* Awad R, Levac D, Cybulska P, Merali Z, Trudeau VL, Arnason JT

76 **J Pharm Pharmacol.** 2008 Nov;60(11):1515-22. *Pharmacological profile of essential oils derived from Lavandula angustifolia and Melissa officinalis with anti-agitation properties: focus on ligand-gated channels.*

Huang L, Abuhamdah S, Howes MJ, Elliot MS, Ballard C, Holmes C, Burns A, Perry EK, Francis PT, Lees G, Chazot PL.

77 **J Pharm Pharmacol**. 2008 Mar;60(3):377-84. *Pharmacological profile of an essential oil derived from Melissa officinalis with anti-agitation properties: focus on ligand-gated channels*. Abuhamdah S, Huang L, Elliott MS, Howes MJ, Ballard C, Holmes C, Burns A, Perry EK, Francis PT, Lees G, Chazot PL

78 **Neuropsychopharmacology**. 2003 Oct;28(10):1871-81. *Modulation of mood and cognitive performance following acute administration of single doses of Melissa officinalis (Lemon balm) with human CNS nicotinic and muscarinic receptor-binding properties*. Kennedy DO, Wake G, Savelev S, Tildesley NT, Perry EK, Wesnes KA, Scholey AB.

79 **"Pharmacology and Applications of Chinese Materia Medica"** Chinese University of Hong Kong, Singapore, 1987 Chang H, Bot P

80 **Am J Chin Med** 1981;9(2): 112-11 Fulder SJ. *Ginseng and the hypothalamic-pituitary control of stress*.

81 **Indian J Physiol Pharmacol**. 1999 Oct;43(4):505-9. *Effect of Panax ginseng and diazepam on brain 5-hydroxytryptamine and its modification by diclofenac in rat*. Bhattcharyya D, Sur TK

82 **Int J Gynaecol Obstet**. 1999 Dec;67(3):169-74. *Effect of Korean red ginseng on psychological functions in patients with severe climacteric syndromes*. Tode T, Kikuchi Y, Hirata J, Kita T, Nakata H, Nagata I.

83 **Planta Med** 1984 Apr;50(2): 151-154. Avakian EV, et. al. *Effect of Panax ginseng extract on energy metabolism during exercise in rats*

84 *Gincosan (a combination of Ginkgo biloba and Panax ginseng): the effects on mood and cognition of 6 and 12 weeks' treatment in post-menopausal women*. Hartley DE, Elsabagh S, File SE

85 **Int J Clin Pharmacol Res**. 1999;19(3):89-99 *Effects of a standardized ginseng extract on quality of life and physiological parameters in symptomatic postmenopausal women: a double-blind, placebo-controlled trial*.

Swedish Alternative Medicine Group. Wiklund IK, Mattsson LA, Lindgren R, Limoni C

86 **Int J Gynaecol Obstet**. 1999 Dec;67(3):169-74. *Effect of Korean red ginseng on psychological functions in patients with severe climacteric syndromes*. Tode T, Kikuchi Y, Hirata J, Kita T, Nakata H, Nagata I.

87 **J Ethnopharmacol**. 2007 May 22;111(3):613-8 *Anxiolytic effect of saponins from Panax quinquefolium in mice*. Wei XY, Yang JY, Wang JH, Wu CF

88 **Eur J Pharmacol**. 2006 Feb 15;531(1-3):160-5. *Identification of anxiolytic ingredients in ginseng root using the elevated plus-maze test in mice*. Carr MN, Bekku N, Yoshimura H.

89 **Planta Med**. 2008 Mar;74(4):474-81. *Comparisons of Scutellaria baicalensis, Scutellaria lateriflora and Scutellaria racemosa: genome size, antioxidant potential and phytochemistry*. Cole IB, Cao J, Alan AR, Saxena PK, Murch SJ.

90 **Nat Med** (Tokyo). 2008 Jul;62(3):294-9. *Comparison of the major flavonoid content of S. baicalensis, S. lateriflora, and their commercial products*. Makino T, Hishida A, Goda Y, Mizukami H.

91 **Altern Ther Health Med**. 2003 Mar-Apr;9(2):74-8. *An investigation into the efficacy of Scutellaria lateriflora in healthy volunteers*. Wolfson P, Hoffmann DL.

92 **Phytomedicine**. 2008 Sep 9. *Characterization of chemical ingredients and anticonvulsant activity of American skullcap (Scutellaria lateriflora)*. Zhang Z, Lian XY, Li S, Stringer JL.

93 **Phytother Res**. 2004 Sep;18(9):700-5. *Herbal treatment following post-seizure induction in rat by lithium pilocarpine: Scutellaria lateriflora (Skullcap), (Jimson Weed) may prevent development of spontaneous seizures*.

Peredery O, Persinger MA

94 **J Pharm Pharm Sci**. 2008;11(1):77-87. *Validation of a HPLC method for flavonoid biomarkers in skullcap (Scutellaria) and its use to illustrate wide variability in the quality of commercial tinctures*. Gao J, Sanchez-Medina A, Pendry BA, Hughes MJ, Webb GP, Corcoran O.

95 **Nat Med** (Tokyo). 2008 Jul;62(3):294-9. *Comparison of the major flavonoid content of S. baicalensis, S. lateriflora, and their commercial products*. Makino T, Hishida A, Goda Y, Mizukami H.

- 96 **Phytomedicine**. 2003 Nov;10(8):640-9. *Phytochemical and biological analysis of skullcap (Scutellaria lateriflora L.): a medicinal plant with anxiolytic properties*. Awad R, Arnason JT, Trudeau V, Bergeron C, Budzinski JW, Foster BC, Merali Z.
- 97 **J Nat Prod**. 2003 Apr;66(4):535-7. *Inhibition of [<sup>3</sup>H]-LSD binding to 5-HT<sub>7</sub> receptors by flavonoids from Scutellaria lateriflora*. Gafner S, Bergeron C, Batcha LL, Reich J, Arnason JT, Burdette JE, Pezzuto JM, Angerhofer CK.
- 98 **Biul.Inst.,Roslin** Lec 6., 176-184, 1960 Lutomski, J, et al., Pharmacodynamic properties of Passiflora incarnata preparation. The effect of alkaloid and flavinoid components on pharmacodynamic properties of raw material
- 99 **Planta Medica** 27(2)112-121,1975. Lutomski J., Malek B., Pharmacochemical investigation of raw material from Passiflora. Pharmacochemical estimation of juices from the fruit of Passiflora edulis,
- 100 **Chem Pharm Bull** 22:1008, 1974 Aouagi, N et al
- 101 **Chem-Ztg**. 98(1), (Ca81) p 24-8 1974. *Kretschmar, Rolf; Pharmacological Investigarion into the sedative, tranquilizing effect of Kava Pepper, Piper methysticum;*
- 102 **Psychopharmacology**, 1994 Dec 116(4): pp 469-474Jussofie A Schmiz A Hiemke C, "Kava pyrone enriched extract from Piper methysiicum as modulator of the GABA binding in different regions in the brain."
- 103 **Pharmacol Toxicol**, 1992 Aug, 71(2): pp120-6Davies LP Drew CA Duffield P, Johnston GA Jamieson DD, "Kava pyrones and resin: studies on GABAA, GABAB and benzodiazepine binding sites in rodent brain"
- 104 **Planta medica** 1985;(feb):28 " Central Nervous depressant activity of valerianic acid in the mouse" Hendriks H, et al
- 105 **Planta Medica**, 1992;46;219 Reedel E, et al
- 106 **Planta Medica**, 1985, 54, pp. 144-8. 'Aqueous extract of valerian reduces laterncy to fall asleep in man', Leathwood, PD and Cauffard, F.,
- 107 **Pharmacol. Biochem. Behavoir.**, 1982, 17, pp 65-71'Aqueous extract of valerian root improves sleep quality in man', Leathwood P., Chauffard F., Heck E., Munos-Box, R.,
- 108 **Life Sci**. 2005 Jun 3;77(3):345-58. *Ilex paraguariensis extracts are potent inhibitors of nitrosative stress: a comparative study with green tea and wines using a protein nitration model and mammalian cell cytotoxicity*. Bixby M, Spieler L, Menini T, Gugliucci A
- 109 **Chem Pharm Bull** (Tokyo). 2008 Aug;56(8):1201-4. Two new sesquiterpenoids and two new prenylated phenylpropanoids from Illicium fargesii, and neuroprotective activity of macranthol. Moriyama M, Huang JM, Yang CS, Kubo M, Harada K, Hioki H, Fukuyama Y
- 110 **J Org Chem**. 2007 Apr 13;72(8):3065-75. Total synthesis and bioactivity of an unnatural enantiomer of merrilactone a: development of an enantioselective desymmetrization strategy. Inoue M, Lee N, Kasuya S, Sato T, Hiramama M, Moriyama M, Fukuyama Y.
- 111 **Bioorg Med Chem**. 2002 Jun;10(6):1873-81. Structure-activity relationships of seco-prezizaane terpenoids in gamma-aminobutyric acid receptors of houseflies and rats. Kuriyama T, Schmidt TJ, Okuyama E, Ozoe Y.
- 112 **Neurosci Lett**. 1981 Aug 7;25(1):83-8. Anisatin, a potent GABA antagonist, isolated from Illicium anisatum. Kudo Y, Oka JI, Yamada K.
- 113 **Biochem Pharmacol**. 1999 Aug 15;58(4):617-21. Interaction of anisatin with rat brain gamma-aminobutyric acidA receptors: allosteric modulation by competitive antagonists. Kakemoto E, Okuyama E, Nagata K, Ozoe Y.

- 114 *Neurosci Lett.* 1982 Oct 8;32(2):175-9. Anisatin modulation of GABA- and pentobarbital-induced enhancement of diazepam binding in rat brain. Matsumoto K, Fukuda H.
- 115 *Brain Res.* 1983 Jun 27;270(1):103-8. Anisatin modulation of temperature-dependent inhibition [3H]muscimol binding by chloride ion. Matsumoto K, Fukuda H.
- 116 **Planta Med.** 1997 Jun;63(3):275-7. *Bicycloillicinone asarone acetal: a novel prenylated C6-C3 compound increasing choline acetyltransferase (ChAT) activity from Illicium tashiroi.* Fukuyama Y, Hata Y, Kodama M
- 117 **Chem Pharm Bull** (Tokyo). 1995 Dec;43(12):2270-2. *Tricycloillicinone, a novel prenylated c6-c3 compound increasing choline acetyltransferase (ChAT) activity, isolated from Illicium tashiroi.* Fukuyama Y, Shida N, Kodama M, Chaki H, Yugami T.
- 118 **Chem Pharm Bull** (Tokyo). 1994 Oct;42(10):2199-201. *New chlorine-containing prenylated C6-C3 compounds increasing choline acetyltransferase (ChAT) activity in culture of postnatal rat septal neurons from Illicium tashiroi.* Fukuyama Y, Okamoto K, Kubo Y, Shida N, Kodama M.
- 119 **Planta Med.** 2007 Jun;73(7):662-5. *Anti-inflammatory activity of phenylpropanoids and phytoquinoids from Illicium species in RBL-2H3 cells.* Matsui T, Ito C, Itoigawa M, Okada T, Furukawa H.
- 120 **J Agric Food Chem.** 2007 Nov 28;55(24):9824-8. *Content of polyphenolic compounds in the Nigerian stimulants Cola nitida ssp. alba, Cola nitida ssp. rubra A. Chev, and Cola acuminata Schott & Endl and their antioxidant capacity.* Atawodi SE, Pfundstein B, Haubner R, Spiegelhalder B, Bartsch H, Owen RW.
- 121 **Food Chem Toxicol.** 1995 Aug;33(8):625-30. *Nitrosatable amines and nitrosamide formation in natural stimulants: Cola acuminata, C. nitida and Garcinia cola.* Atawodi SE, Mende P, Pfundstein B, Preussmann R, Spiegelhalder B.
- 122 **Basic Life Sci.** 1992;59:739-65. *Widespread tannin intake via stimulants and masticatories, especially guarana, kola nut, betel vine, and accessories.* Morton JF.
- 123 **Brain Res.** 2006 Sep 19;1110(1):102-15. *Anxiolytic properties of green tea polyphenol (-)-epigallocatechin gallate* Vignes M, Maurice T, Lanté F, Nedjar M, Thethi K, Guiramand J, Récasens M.
- 124 **Hum Psychopharmacol.** 2004 Oct;19(7):457-65. *The acute effects of L-theanine in comparison with alprazolam on anticipatory anxiety in humans.* Lu K, Gray MA, Oliver C, Liley DT, Harrison BJ, Bartholomeusz CF, Phan KL, Nathan PJ.
- 125 **Yakugaku Zasshi.** 2002 Nov;122(11):995-9. *Glutamate transporter mediated increase of antitumor activity by theanine, an amino acid in green tea.* Sadzuka Y, Yamashita Y, Kishimoto S, Fukushima S, Takeuchi Y, Sonobe T
- 126 **Indian J Exp Biol.** 2006 Nov;44(11):913-7. *Green tea [Camellia sinensis (L.) O. Kuntze] extract reverses the despair behaviour in reserpinised and diabetic mice* Singal A, Tirkey N, Muragundla A, Chopra K.
- 127 **Lipids Health Dis.** 2007 May 3;6:14. *Weight gain and psychiatric treatment: Is there a role for green tea and conjugated linoleic acid?* Katzman MA, Jacobs L, Marcus M, Vermani M, Logan AC
- 128 **J Med Food.** 2006 Winter;9(4):451-8. *Green tea extract thermogenesis-induced weight loss by epigallocatechin gallate inhibition of catechol-O-methyltransferase.* Shixian Q, VanCrey B, Shi J, Kakuda Y, Jiang Y.
- 129 **J Nutr Biochem.** 2003 Nov;14(11):671-6. *Green tea reduces body fat accretion caused by high-fat diet in rats through beta-adrenoceptor activation of thermogenesis in brown adipose tissue.* Choo JJ.
- 130 **Life Sci.** 2005 May 13;76(26):3081-8. *The theaflavin fraction is responsible for the facilitatory effect of black tea at the skeletal myoneural junction.* Basu S, Chaudhuri T, Chauhan SP, Das Gupta AK, Chaudhury L, Vedasiromoni JR.
- 131 **Phytother Res.** 1999 Aug;13(5):376-9. *Proconvulsive effect of tea (Camellia sinensis) in mice.* Gomes A, Das M, Vedasiromoni JR, Ganguly DK.
- 132 **Phytother Res.** 2004 Aug;18(8):624-7. *In vitro anti-beta-secretase and dual anti-cholinesterase activities of Camellia sinensis L. (tea) relevant to treatment of dementia.* Okello EJ, Savelev SU, Perry EK
- 133 **Brain Cogn.** 2008 Jun;67(1):25-30. *Effects of green tea extract on learning, memory, behavior and acetylcholinesterase activity in young and old male rats.*

134 **Neurosci Lett**. 2002 Feb 15;319(2):63-6. *Tea catechin, (-)-epigallocatechin gallate, facilitates cholinergic ganglion transmission in the myenteric plexus of the guinea-pig small intestine*. Katayama Y, Homma T, Hara Y, Hirai K.

135 **J Pharm Pharmacol**. 2005 Mar;57(3):311-6. *Effects of green tea extract administration on the pharmacokinetics of clozapine in rats*. Jang EH, Choi JY, Park CS, Lee SK, Kim CE, Park HJ, Kang JS, Lee JW, Kang JH.

136 **Psychopharmacology (Berl)**. 1985;87(4):464-7. The effect of chronic in vivo infusion of forskolin on noradrenergic receptor sensitivity. Suzdak PD, Browne RG

137 **J Int Soc Sports Nutr**. 2005 Dec 9;2:54-62. *Effects of coleus forskohlii supplementation on body composition and hematological profiles in mildly overweight women*. Henderson S, Magu B, Rasmussen C, Lancaster S, Kerksick C, Smith P, Melton C, Cowan P, Greenwood M, Earnest C, Almada A, Milnor P, Magrans T, Bowden R, Ounpraseuth S, Thomas A, Kreider RB.

138 **J Neurosci**. 1987 Feb;7(2):443-52. *Forskolin's effect on transient K current in nudibranch neurons is not reproduced by cAMP*. Coombs J, Thompson S.