

## 參考文獻

1. 金禮蒙等編：醫方類聚，卷 59，，1978，中華世界資料供應出版社，臺北。
2. 宋 • 陳自明撰，明 • 薛立齋註：校註婦人良方，卷 24，瘡瘍門，婦人結核方論第四，28-29，1977，旋風出版社印行，臺北。
3. 吳啟瑞：歸脾湯對中樞神經系統及避暗學習反應之影響，3-7，1992，中國醫藥學院中國藥學研究所碩士論文，臺中。
4. 王平：中醫十大名方。歸脾湯，劉玉茂主編。中國中醫藥出版社，北京，1998。
5. 謝鳴：中醫方劑現代研究。歸脾湯，劉敬閣、姜勁邁主編。學苑出版社，北京，上卷，p.614-622，1997。
6. 顏兆熊：停經婦女補充女性荷爾蒙之利弊。台灣醫界 42，517-522，1999。
7. 謝明村、吳啟瑞、蔡輝彥、彭文煌、謝佳璋：歸脾湯對於大鼠被動迴避學習反應之影響，中國醫藥學院雜誌 1994，3，15-24。
8. 於慶海、吳春福、莊麗萍：歸脾湯對小鼠記憶行為和膽鹼酯酶活性的影響，中藥藥理與臨床 1990，6，2-3。
9. 吳春福、于慶海、庄麗萍、徐問宇、劉保成、劉雯、郭月英：歸脾湯的抗氧化作用，中國中藥雜誌 1991，16，752-753。

Aebi, H.(1984) Catalase in vitro. Method Enzymol. 250,121-126.

Aust, S.D., Morehouse, L.A. and Thomas, C.E. (1985) Oxygen toxicity,

- oxygenradicals, transition metals and disease. *Free Radi. Biol. Med.* 1, 3-25.
- Bain SD.(1993) Bailey MC. Celino DL. Lantry MM. Edwards MW. High-dose estrogen inhibits bone resorption and stimulates bone formation in the ovariectomized mouse. *J Bone Miner Res.* 8(4):435-42
- Barness, L.A., Mellman, W.J. Tedesco, T., Young, D.G, and Nocho.R.A.(1963) A quantitative method for determining urinary phenols. *Clin. Chem.* 9, 600-607
- Behl, C., WIDMANN, M., TRAPP, T. & HOLSBOER, F. (1995). 17-Estradiol protect neurons from oxidative stress-induced cell death in vitro. *Biochem. Biophys. Res. Commun.*, 216, 473-482.
- Behl C. (1999) Vitamin E and other antioxidants in neuroprotection. *International Journal for Vitamin & Nutrition Research.* 69(3):213-9.
- Benzi, G and Moretti, A. (1995) Age- and peroxidative stress-related modifications of the cerebral enzymatic activities linked to mitochondria and the glutathione system. *Free Radic. Biol. Med.* 19, 77-101.
- Birge, S.J. (1998) Hormones and the aging brain. *Geriatrics* 53, S28-S30.
- Boveris, A., Oshino, N. and Chance, B. (1972) The cellular production of H<sub>2</sub>O<sub>2</sub>. *Biochem. J.* 128, 617-630.
- Braugher, J.M., Pregenzer, J.F., Chase, R.L., Duncan, L.A., Jacobsen, E.J. and McCall, J.M. (1987) Novel 21-amino steroid as potent inhibitors of iron-dependent lipid peroxidation. *J. Biol. Chem.* 262, 10438-10440.
- Bromont, C., Marie, C. and Bralet, J. (1989) Increased lipid peroxidation in vulnerable brain regions after transient forebrain ischemia in rats. *Stroke* 20,

918-924.

Burnett, CC, Reddi AH|(1983) Influence of estrogen and progesterone on  
matrix-induced endochondral bone formation. *Calcif Tissue Int.* 35:609-614.

Catherine, A. Rice-Evans and ANTHONY T. Diplock. (1993) Current Status of  
Antioxidant Therapy. *Free Radi. Biol. Med.* Vol. 15, pp. 77-96

Delanty N. Dichter MA. (2000) Antioxidant therapy in neurologic disease.  
[Review] [71 refs] *Arch Neurol.* 57(9):1265-70

Dreosti, I.E. (1991) Free radical pathology and the genome. In *Trace Elements.  
Micronutrients and Free Radicals*. (I.E. Dreosti, ed.) p. 149-170, Humana Press,  
Clifton, NJ USA

Evans, P.H. (1993) Free radicals in brain metabolism and pathology. *Bri. Med.  
Bull.* 49, 577-587.

Falkeborn M. Persson I. Terent A. Adami HO. Lithell H. Bergstrom R. (1993)  
Hormone replacement therapy and the risk of stroke. Follow-up of a  
population-based cohort in Sweden. *Arch Inter Med.* 153 (10):1201-9

Fillit H. Weinreb H. Cholst I. Luine V. McEwen B. Amador R. Zabriskie J  
(1986) Observations in a preliminary open trial of estradiol therapy for senile  
dementia-Alzheimer's type. *Psychoneuroendocrinology.* 11(3):337-45

Garrido, A., Garate, M., and Valenzulea, A. (1993) Changes in the antioxidant  
capacity of blood plasma are produced after Res comm Chem Pathol  
*Pharmacol.* 367-370.

Gibbs, R.B. and Aggarwal, P. (1998) Estrogen and basal forebrain cholinergic  
neurons: implications for brain aging and Alzheimer's disease-related

cognitive decline. *Horm and Behav* 34, 98-111.

Glowinski J. Iversen LL. Axelrod J.(1966) Storage and synthesis of norepine-hrine in the reserpine-treated rat brain.*J Pharmacol Exp Ther.*151(3):385-99

Gomez-Zubeldia MA. Hernandez R. Viguera J. Arbues JJ. Aparicio A. Millan JC. (2000)Effect ofbilateral ovariectomy and ovarian steroid hormones on the antioxidant systems and plasmamalondialdehyde levels in Wistar rats. *Endocr Res.* 26(1):97-107

Goodman .Y,. Bruce, A. J., Cheng, B.& Mattson , M. P.(1996). Estrogens attenuate and corticosterone exacerbates excitotoxicity , oxidative injury , and amyloid -peptide toxicity in hippocampal neurons .*J. Neurochem.*, 66,1836-1844.

Green PS. Gordon K. Simpkins JW. (1997) Phenolic A ring requirement for the neuroprotective effects of steroids. *Journal of Steroid Biochemistry & Molecular Biology.* 63(4-6):229-35.

Gutteridge, J.M.C. (1984) Reactivity of hydroxyl and hydroxyl-like radicals discriminated by release of thiobarbituric acid-reactive material from deoxy sugars, nucleosides and benzoate. *Biochem. J.* 224, 761-767.

Henderson VW.(1997) The epidemiology of estrogen replacement therapy and Alzheimer's disease.[Review] [142 refs] *Neurology.* 48(5 Suppl 7):S27-35

Henderson, V.W., Watt, L. and Buckwalter, J.G. (1996) Cognitive skills associated with esterogen replacement in women with Alzhelmer' s disease. *Psychoneuroendcrinology* 21, 421-430.

Henderson VW. Paganini-Hill A. Emanuel CK. Dunn ME. Buckwalter JG.

(1994) Estrogen replacement therapy in older women. Comparisons between Alzheimer's disease cases and nondemented control subjects. *Arch Neurol.* 51(9):896-900

Halliwell, B., Gutteridge, J.M.C. and Aruoma, I. (1987) The deoxyribose method: a simple "test-tube" assay for determination of rate constants for reactions of hydroxyl radicals. *Anal. Biochem.* 165, 215-219.

Hanfeman, DG, Sunde, RA, and Hoekstra, WG.(1974) Effect of dietary selenium on erythrocyte and liver glutathione peroxidase in the rats. *J Nutr.* 104, 580-587.

Jorm AF. Korten AE. Henderson AS.(1987) The prevalence of dementia: a quantitative integration of the literature [see comments]. [Review] [62 refs] *Acta Psychiatr Scand.* 76(5):465-79

Kalu, D.N. , Hardin, RR, Cockerhan, R.(1984) Evaluation of the pathogenesis of skeletal change in ovariectomized rats. *Endocrinology.* 115,507-512.

Kalu, D.N. , Hardin, RR,(1984) Evaluation of the role of calcitonin deficiency in ovariectomized-induced osteopenia. *Life Sci.* 34 ,2394-2397.

Kalu DN.(1991) The ovariectomized rat model of postmenopausal bone loss. [Review] [98 refs] *Bone Miner.* 15(3):175-91, 1991

Kalu, D.N., Liu, C.C., Salerno, E., Hollis, B., Echon, R. and Ray, M. (1991). Skeletal response of ovariectomized rats to low and high doses of  $17\beta$ -estradiol. *Bone Miner.* 14,175-187.

Kawas, C., Resnick, S., Morrison, A., Brookmeyer, R., Corrada, M., Zonderma,

- A., Bacal, C., Lingle, D.L. and Metter, E. (1997) A prospective study of estrogen replacement therapy and the risk of developing Alzheimer's disease: The Baltimore Longitudinal Study of Aging. *Neurology* 48, 1517-1521.
- Kasapovic, J., Pajovic, S.B., Kanazir, D.T. and Martinovic, J/V. (1997) Effect of estradiol benzoate and progesterone on superoxide dismutase activity in the rat liver. *J. Endocrinol. Invest.* 20, 203-206.
- Kume-Kick, J., Ferris, D.C., Russo-Menna, I. And Rice, M.E. (1996) Enhanced oxidative stress in female rat brain after gonadectomy. *Brain Res.* 738, 8-14.
- Lindsay R.(1987) Estrogen therapy in the prevention and management of osteoporosis. *Am J Obstet Gynecol.* 156(5):1347-51
- Liu,C.C.,Kalu, D.N., (1990) Preexisting bone loss associated with ovariectomy is reversed by parathyroid hormone.*J Bone Min Res.* 5:239.
- Lovell, M.A., Ehmann, W.D., Butler, S.M. and Markesbery, W.R. (1995) Elevated thiobarbituric acid-reactive substance and antioxidant enzyme activity in the brain in Alzheimer's disease. *Neurology* 45, 1594-1601.
- Lowry, O.H. , Rosebrough, N.J. , Farr, A.L. , and Randall, R.J.(1951) Protein measurment with the folinophenol reagent . *J. Biol. Chem.*193,265-275.
- Markesbery, W.R. and Ehmann, W.D. (1993) Brain trace elements in Alzheimer disease. In: Terry, R.D., Kaizman, R. and Bick, K.L. eds. *Alzheimer disease.* New York: Raven Press; p.353-367.
- Markesbery WR.(1997) Oxidative Stress Hypothesis in Alzheimer's disease. *Free Radic. Biol. Med.* 23(1):134-47
- Markesbery WR. Carney JM.(1999) Oxidative alterations in Alzheimer's disease.

[Review] [136refs] Brain Pathology. 9(1):133-46

Marklund, S. and Marklund, G. (1975). Involvement of superoxide anion radical in the autoxidation of dyrogallol and convenient assay for superoxide dismutase. Eur J. BioChem. 47, 469-474.

Mcintosh, L.J., Trush, M.A. and Tronocoso, J.C. (1997) Increased susceptibility of Alzheimer's disease temporal cortex to oxygen free radical-mediated processes. Free Radic. Biol. Med. 23, 183-190.

Mohamed MK. Abdel-Rahman AA. (2000) Effect of long-term ovariectomy and estrogen replacement on the expression of estrogen receptor gene in female rats. European Journal of Endocrinology. 142(3):307-14

Moosmann B. Behl C. (1999) The antioxidant neuroprotective effects of estrogens and phenolic compounds are independent from their estrogenic properties. Proc Natl Acad Sci U S A. 96(16):8867-72

Norman Delanty ,MD; Marc A. Dichter ,MD ,PhD (2000) Antioxidant Therapy in Neurologic Disease. Arch. Neurol. Vol 57 :1265-1270

Ohkawa, H., Ohishi, N. and Yagi, K. (1979) Assay for lipid peroxides in animal tissue by thiobarbituric acid reaction. Anal. Biochem. 95, 351-358.

Ohkura T. Isse K. Akazawa K. Hamamoto M. Yaoi Y. Hagino N. (1994) Evaluation of estrogen treatment in female patients with dementia of the Alzheimer type. Endocrine Journal. 41(4):361-71

Patlas N. Zadik Y. Yaffe P. Schwartz Z. Ornoy A. (2000) Oophorectomy-induced osteopenia in rats in relation to age and time post oophorectomy. Cells Tissues Organs. 166(3):267-74

Peris, P., Alvarez, L., Monegal, A., Guanabens, N., Duran, M., Pons, F., Martinez de Osaba, M.J., Echevarria, M., Ballesta, A.M. and Munoz-Gomez, J. (1999) Biochemical markers of bone turnover after surgical menopause and hormone replacement therapy. *Bone* 25, 249-353.

Persky, A.M., Green, P.S., Stublely, L., Howell, C.O., Zaulyanov, L., Brazeau, G.A. and Simpkins, J.W. (2000) Protective effect of estrogen against oxidative damage to heart and skeletal muscle in vivo and in vitro. *Proc. Soc. Exp. Biol. Med.* 223, 59-66.

Ramassamy, C., Averill, D., Beggert, V. Bastiantetto, S., Theroux, L., Lussier-Cacan, S., Cohn, J.S., Christen, Y., Davignen, J., Quirion, R. and Poirier, J. (1999) Oxidative damage and protection by Antioxidants in the frontal cortex of Alzheimer's disease is related to the Apolipoprotein E, Genotype. *Free Radic Biol Med.* 27, 544-553.

Reiter, R.J. (1995) Oxidative processes and antioxidative defense mechanisms in the aging brain. *FASEB J.* 9, 526-533.

Rice-Evans, C.A. and Diplock, A.T. (1993) Current status of antioxidant therapy. *Free Radic. Biol. Med.* 15, 77-91.

Robert, B. and Aggarwal, P. (1998) Estrogen and basal forebrain cholinergic neurons: implications for brain aging and Alzheimer's disease-related cognitive decline. *Horm Behav* 34, 98-111.

Sahoo, A. and Chainy, G.B.N. (1997) Alterations in the activities of cerebral antioxidant enzymes of rat are related to aging. *Int. J. Neurosci.* 15, 939-948.

Sharma, H.M., Hanna, A.N., Kauffman, E.M. and Newman, H.A.I. (1995)



- Effect of herbal mixture student rasayana on lipoxygenase activity and lipid peroxidation. *Free Radic. Biol. Med.* 18, 687-697.
- Sohal, R.S. and Donato, H.J. (1979) Effect of experimental prolongation of life span on lipofuscin content and lysosomal enzyme activity in the brain of the housefly, *Musca domestica*. *J. Gerontol.* 34, 489-496.
- Sreelathakumari KT. Menon VP. Leelamma S.(1993) Lipid peroxide metabolism in oophorectomised rats. *Indian J Med Res.* 98:305-8
- Sugioka K. Shimosegawa Y. Nakano M.(1987) Estrogens as natural antioxidants of membranephospholipid peroxidation. *FEBS Letters.* 210(1):37-9
- Tang MX. Jacobs D. Stern Y. Marder K. Schofield P. Gurland B. Andrews H. Mayeux R.(1996) Effect of oestrogen during menopause on risk and age at onset of Alzheimer's disease [see comments]. *Lancet.* 348(9025):429-32
- Tian, L. Cai, Q and Wei, H. (1998) Alterations of antioxidant enzymes and oxidative damage to macromolecules in different organs of rats during aging. *Free Radic. Biol. Med.* 24, 1477-1484.
- Toran-Allerand, C.D., Singh, M. and Setalo, G.J. (1999) Novel mechanisms of estrogen action in the brain: new players in an old story. *Front Neuroendocrinol.* 20, 97-121.
- Tremollieres F. Pouilles JM. Ribot C.(1992). Postmenopausal bone loss. Role of estrogens.[Review].*Presse Med.* 21(19): 903-6
- Turner RT, Vanderstcenhoven, JJ, Bell, NH.(1987) The effect of ovariectomy and  $17\beta$ -estadiol on cortical bone histomorphometry in growing rats.*J. Bone Min Res.*2.115-122.
- Uchii M. Takashima M. Sugiyama T. Kosaka N.(1998) [Effect of KW-8232 on

bone turnover in ovariectomized rats]. [Japanese] *Nippon Yakurigaku Zasshi* .112(5):315-21

Wang, Q., Santizo, R., Baughman, V.L., Pelligrino, D.A., and Iadecola, C. (1999) Estrogen provides neuroprotection in transient forebrain ischemia through perfusion-independent mechanisms in rats. *Stroke* 30, 630-637.

Wiseman, H. (1995) Dietary influence on membrane function: importance in protection against oxidative damage and disease. *J. Nutr. Biochem.* 7, 2-15.

Wronski, T.J., Cintron M, Doherty AL, Dann LM. (1988) Estrogen treatment prevents osteopenia and depress bone turnover in ovariectomized rats. *Endocrinology*. 123, 681-686.

Yagi, K. (1997) Female hormones act as natural antioxidants—a survey of our research. *Acta Biochimica Polnica* 44, 701-710.

Yanker, B.A., DUFFY, L.K. & KIRSCHNER, D.A. (1990). Neurotrophic and neurotoxic effects of amyloid protein :reversal by tachykinin neuropeptides. *Science* , 250 ,279-282.

Yamada, K., Tanaka, T., Zou, L.B., Senzaki, K., Yano, K., Osada, T., Ana, O., Ren, X., Kameyama, T. and Nabeshima, T. (1999) Long-term deprivation of oestrogens by ovariectomy potentiates  $\beta$ -amyloid-induced working memory deficits in rats. *Br. J. Pharmacol.* 128, 419-427.

Yin A. (1996) Biochemical basis of lipofuscin, ceroid, and age pigment-like fluorophores. *Free Radic. Biol. Med.* 21, 871-888.