

## DAFTAR PUSTAKA

- American Stroke Association. 2012. *About Stroke*, American Heart Association, USA.
- Almeida, L.M.V de, CelintanoPiñeiro, C., ConcliLeite, M., GiovanaBrolese, Tramontina, F., Feoli, A.M., Gottfried, C., Gonçalves, C.A. Resveratrol Increases Glutamate Uptake, Glutathione Content, and S100B Secretion in Cortical Astrocyte Cultures. (Abstract). *Cellular and Molecular Neurobiology*, 27(5); 661-668.
- Atri, A., Milligan, T. A., Maas, M. B., Safdieh, J. E., Ischemic Stroke: Pathophysiology and Principles of Location. *Neurology*, 2009; 13: 1-16.
- Baehr, M. and Frotscher, M. D. 2010. *Diagnosis Topik Neurologi Duus: Anatom, Fisiologi, Tanda, Gejala*, 4th Ed., Edited by Wita J. Suwono, EGC, Jakarta, p. 314; 329-340; 373-387.
- Balai Penelitian Tanah. Iklim dan Tanah untuk Pengembangan Anggur. *Warta Penelitian dan Pengembangan Pertanian*, 2008, 30 (6).
- Bano, D., Young, K. W., Guerin, C. J., Lefeuvre, R., Rothwell, N. J., Naldini, L., et al. Cleavage of the plasma membrane Na<sup>+</sup>/Ca<sup>2+</sup> exchanger in excitotoxicity. *Cell*, 2005; 120:275–285.
- Barkho, B.Z., Song, H., Aimone, J.B., Smrt, R.D., Kuwabara, T., Nakashima, K., Gage, F.H., Zhao, X. Identification of astrocyte-expressed factors that modulate neural stem/progenitor cell differentiation. *Stem Cells Dev*. 2006;15:407–421.
- Bastianetto, S. Quirion, R. 2001. Resveratrol and red wine constituents: evaluation of their neuroprotective properties. *Pharm. News*, 8, 33–38.
- Baur, J.A. and Sinclair, D.A. Therapeutic potential of resveratrol: the in vivo evidence. *Nature Reviews*, 2006; 5: 493-506.
- Beauchamp N and Bryan R. Acute cerebral ischemic infarction: a pathophysiologic review and radiologic perspective. *AJR*, 1998; 171: 73-84
- Bienert GP, Moller AL, Kristiansen KA, Schulz A, Moller IM, Schjoerring JK, et al. Specific aquaporins facilitate the diffusion of hydrogen peroxide across membranes. *J Biol Chem*, 2007; 282: 1183–1192.
- Bloom, F. 2002. *Buku Ajar Histologi*, 12th Ed., Edited by Huriawati Hartanto, EGC, Jakarta, p. 278.
- Bradac, G. B. 2011. *Cerebral Angiography: Normal Anatomy and Vascular Pathology*, Springer, Berlin, p. 5-13; 57; 69-73.



- Breton, R.R. and Rodriguez, C.G. 2012. Excitotoxicity and Oxidative Stress in Acute Ischemic Stroke. Intech, Croatia, hal 29-58.
- Breuer, C., Wolf, G., Andrabi, S.A., Lorenz, P., Horn, T.F.W. Blood-brain barrier permeability to the neuroprotectant oxyresveratrol. *Neuroscience Letters*, 2006; 393(2-3): 113-118.
- Brint, S., Jacewicz, M., Kiessling, M., Tanabe, J., Pulsinelli W. Focal Brain Ischemia in the Rat: Methods for Reproducible Neocortical Infarction Using Tandem Occlusion of the Distal Middle Cerebral and Ipsilateral Common Carotid Arteries. *Journal of Cerebral Blood Flow and Metabolism*, 1988, 8:474-485.
- Brodal, P. 2010. *The Central Nervous System: Structure and Function*, 4th Ed., Oxford University Press, New York, p. 19.
- Bunea, C.I., Nastasia, P.O.P. Babes, Hodor A.M.L, Ciobanu F, Bunea, A, et al., Qualitative and Quantitative Analysis of Phenolic Acids using High Performance Liquid Chromatography (HPLC) from Organic and Conventional Grapes, 2012, Bulletin UASVM Horticulture, 69(1).
- Caplan, A. 2007. *Adult mesenchymal stem cells for tissue engineering versus regenerative medicine*. *J cell physiol*. 213(2): 341-347.
- Castillo J, Davalos A, Naveiro J, Noya M. Neurotoxicity amino acids and their relation to infarct size and neurological deficit in ischemic stroke. *Stroke*, 1996; 27: 1060-1065.
- Cavanaugh, J et al. 2008. *Differential Regulation of Mitogen-Activated Protein Kinases ERK1/2 and ERK5 by Neurotrophins, Neuronal Activity, and cAMP in Neurons*. *The Journal of Neuroscience*. Washington DC: Departments of Environmental Health and Pharmacology, University of Washington.
- Charmichael, S. T. Plasticity of Cortical Projections after Stroke. *Neuroscientist* February 2003 vol. 9 no. 1 64-75.
- Chen, Y. And Swanson R.A. Astrocytes and Brain Injury. *Journal of Cerebral Blood Flow & Metabolism* (2003) 23, 137–149.
- Cottart CH, et al. Resveratrol bioavailability and toxicity in humans. *Mol Nutr Food Res*. 2010.
- Cruz-Flores,S., et al. 2011. *Racial-ethnic disparities in stroke care : the American experience : a statement for healthcare professionals from the American Heart Association*. American Stroke Association. *Stroke*. 42(7) : 2091-116.
- D'Archivio, M., Filesi, C., Benedetto, R.D., Gargiulo, R., Giovannini, C., Masella, R. Polyphenols, dietary sources and bioavailability. *Ann Ist Super Sanità*, 2007; 43(4): 348-361.



- Davis, K. L., et al. 2002. *Neuropsychopharmacology: The Fifth Generation of Progress*.Lippincott Williams & Wilkins. USA.
- Dongoran, R. A. 2007. *Jumlah Neutrofil Absolut sebagai Indikator Keluaran Stroke Iskemik*. Tesis. Tidak diterbitkan, Fakultas Kedokteran Universitas Diponegoro, Semarang.
- Eroschenko, V.P., 2008, Atlas Histologi diFiore dengan Korelasi Fungsional, Brahm U. Pendit (penerjemah), 2010, Penerbit Buku Kedokteran, Jakarta, Indonesia, hal. 150.
- Flaster, M. 2012. How to Minimize Damage from Stroke. <http://scienceparis.over-blog.com/article-how-to-minimize-damage-from-strokes-loyola-murray-flaster-ischaemic-orthopnea-statin-105224810.html>. Diakses pada tanggal 13 Oktober 2012.
- Ganguly, K., Rejmak, E., Mikosz, M., Nikolaev, E., Knapska, E., Kaczmarek, L. Matrix Metalloproteinase(MMP) 9 Transcription in Mouse Brain Induced by Fear Learning. *J Biol Chem*. 2013. 228(29):20978-20991.
- Geros, H., Chaves, M., Delrot, S. 2012. The Biochemistry of The Grape Berry, Bentham eBooks. United States of America, Hal. 180
- Gheeyoung, C., Park, J.K., Jouben-Steele, L., Kremen, T.J., Liau, L.M., Vinters, H.V., Cloughesy, T.F., Mischel, P.S. Active Matrix mettaloproteinase-9 Expression is Associated with Primary Glioblastoma Subtype. *Clin Cancer Res*. 2008.8:2894.
- Ghimire, S. R. 2013. Cerebrum: Gross Features and Blood Supply. <http://teachinganatomy.blogspot.com/2013/01/cerebrum-grossfeatures-and-bloodsupply.html>
- Gilman S. *Neurobiology of Disease*. Elsevier. Burlington, MA. 2007.
- Gofir, A., 2009, Manajemen Stroke, Pustaka Cendekia Press, Yogyakarta, Indonesia, hal.19-42.
- Goldman, L. dan Ausiello, D. 2008. *Cecil Medicine*, 23<sup>rd</sup> Ed., Saunders, p. 1658.
- Halliwell, B. 2001. Role of Free Radicals in the Neurodegenerative Diseases. (Abstract). *Drugs & Aging*, 18(9): 685-716.
- Hazell, A.S. Excitotoxic mechanisms in stroke: An update of concepts and treatment strategies. *Neurochemistry International*, 2007; 50(7-8): 941-953
- Heinrich, C., Blum, R., Gasco' n, S., Masserdotti, G., Tripathi, P., Sa'nchez, R., Tiedt, S., Schroeder, T., Go" tz, M., Berninger, B. Directing Astroglia from



the Cerebral Cortex into Subtype Specific Functional Neurons. *PLoS Biol*, 2010; 8(5): e1000373.

Hennekens, C.H. and Dyken, M. L., Aspirin as a Therapeutic Agent in Cardiovascular Disease. 1997.

Higdon, J. (2005). Resveratrol. *Oregon State University*. The Linus Pauling Institute Micronutrient Information Center.

Hoksbergen, A. W. J., Fulesdi, B., Legemate, D. A., Csiba, L. Collateral Configuration of the Circle of Willis Transcranial Color-Coded Duplex Ultrasonography and Comparison With Postmortem Anatomy. *Stroke*, 2000; 31: 1346-1351.

Hughes, D. 2012. Altered Pancreatic Innervation Linked to Changes in Pain-Related Behavior. <http://www.chemotherapyadvisor.com/altered-pancreatic-innervation-linked-to-changes-in-pain-related-behavior/article/246613/>. Diakses pada tanggal 13 Oktober 2012.

IPTEK. 2005. *Teknologi Tepat Guna Budidaya Pertanian Anggur*. IPTEK. Jakarta.

Ishikawa, M., Cooper, D., Russel, J., Salter, J.W., Zhang, J.H., Nanda, A., Granger, D.N. Molecular Determinants of the Prothrombogenic and Inflammatory Phenotype Assumed by the Postischemic Cerebral Microcirculation. *Stroke*.2003. 34:1777-1782.

ITIS. 2013. *Taxonomy and Nomenclature Vitis vinifera L*. ITIS: United State.

Johansson, B.B., 2007. Regeneration and plasticity in the brain and spinal cord. (Abstract). *Journal of Cerebral Blood Flow & Metabolism*, 27, 1417–1430.

Jalil, EC et al. 2007. Resveratrol potently reduces prostaglandin E<sub>2</sub> production and free radical formation in lipopolysaccharide-activated primary rat microglia. *Journal of Neuroinflammation*. 4:25 doi:10.1186/1742-2094-4-25.

Junqueira, L. C., Carneiro, J. 2007. *Histologi Dasar: Teks & Atlas*, 10th Ed., EGC, Jakarta, p. 157; 161-163.

Justicia, C., Panes, J., Sole, S., Cervera, A., Delofeu, R., Chamorro, A., Planas, A.M. Neurotrophil Infiltration Increase Matrix Metalloproteinase-9 in the Ischemic Brain After Occlusion/Reperfusion of the Middle Cerebral Artery in Rats. *J Cereb Blood Flow Metab*.2003. 23(12):1430-1440.

Kaal, E.C.A and Vecht, C.J. The Management of Brain Edema in Brain Tumors. *Curr Opin Oncol*, 2004, 16: 593-600.



- Khatri, R., McKinney, A.M., Swenson, B., Janardhan, V. Blood– brain barrier, reperfusion injury, and hemorrhagic transformation in acute ischemic stroke. *Neurology*, 2012; 79: S52-S57.
- Khurana, I. 2007. *Textbook of Human Physiology for Dental Student*, Elsevier, New Delhi, p. 602.
- King, R.E., Bomser, J.A., Min, D.B. Bioactivity of Resveratrol. *Comprehensive Reviews in Food Science and Food Safety*, 2006; 5 (3): 65-70.
- Kitagawa, K., Matsumoto, M., Yang, G., Mabuchi, T., Yagita, Y., Hori, M., Yanagihara,T. Cerebral Ischemia After Bilateral Carotid Artery Occlusion and Intraluminal Suture Occlusion in Mice: Evaluation of the Patency of the posterior Communicating Artery. *Journal of Cerebral Blood Flow and Metabolism*.1998. 18:570-579.
- Klabunde, R.E. 2008. Biosynthesis Nitric Oxide, (Online), (<http://www.cvphysiology.com/Blood%20Flow/BF011.htm>, diakses 7 November 2013).
- Krapivinsky, G., Krapivinsky, L., Manasian, Y., Ivanov, A., Tyzio, R., Pellegrino, C., Ben-Ari, Y., Clapham, D.E., Medina, I. The NMDA Receptor Is Coupled to the ERK Pathway by a Direct Interaction between NR2B and RasGRF1. *Neuron*, 2003; 40: 775–784.
- Kuraoka, M., Furuta, T., Matsuwaki, T., Omatsu, T., Ishii, Y., Kyuwa, S., Yoshikawa, Y. Direct Experimental Occlusion of the Distal Middle Cerebral Artery Induces High Reproducibility of Brain Ischemia in Mice. *Exp. Anim.* 2009. 58(1):19-29.
- Lee, J. Grabb, M., Zipfel, G., Choi, D. Brain Tissue Responses to Ischemia. *The Journal of Clinical Investigation*, 2000, 106: 723-731.
- Lefkowitz, M.W., Reuhl, K., Perry, B., Chan, P.H., Inouye, M., Mirochnitchenko, O. Overexpression of Human Glutathione Peroxidase Protects Transgenic Mice Against Focal Cerebral Ischemia/Reperfusion Damage. *Elsevier Molecular Brain Research*, 1998, 53 (1-2): 333-338.
- Li, C., Yan, Z., Yang, J., Chen, H., Li, H., Jiang, Y., Zhang, Z. 2010. Neuroprotective effects of resveratrol on ischemic injury mediated by modulating the release of neurotransmitter and neuromodulator in rats. (Abstract). *Neurochemistry International*. 56(3): 495-500.
- Liang, D., Bhatta, S., Gerzanich, V., Simard, J.M. Cytotoxic edema: mechanism of pathological cell swelling. *Neurosurg Focus*, 2007; 22(5): E2.
- Lin, T.N., He, Y.Y., Wu, G., Khan, M., Hsu, C.Y. Effect of Brain Edema on Infarct Volume in a Focal Cerebral Ischemia Model in Rats. *American Heart Association*, 1993, 24(1): 117-121.

Liu, C., Shi, Z., Fan, L., Zhang, C., Wang, K., Wang, B., 2011. Resveratrol improves neuron protection and functional recovery in rat model of spinal cord injury. (Abstract). *Brain Res.* 16;1374:100-9.

Lloyd-Jones, D., Adams, R. J., Brown, T. M., Carnethon, M., Dai, S., De Simone, G., et al. Heart Disease and Stroke Statistics—2010 Update: A Report from the American Heart Association. *Circulation*, 2010; 121:e46–e215.

Lo, E., Moskowitz, M., Jacobs, T. Exciting, radical, suicidal: how brain cells die after stroke. *Stroke*. 2005; 36: 189-192.

Lyden, P.D., Zweifler, R., Mahdavi, Z. Lonzo, L. A Rapid, Reliable, and Valid Method for Measuring Infarct and Brain Compartment Volumes From Computed Tomographic Scans. *American Heart Association*, 1994, 25(12): 2421-2428.

Lynch, D.R. and Guttmann, R.P. Excitotoxicity: Perspectives Based on N-Methyl-D-Aspartate Receptor Subtypes. *JPET*, 2002; 300(3): 717-723

Manuel, S. 2011. Understanding the Brain. [http://sousa.net23.net/pages/understanding\\_the\\_brain.html](http://sousa.net23.net/pages/understanding_the_brain.html)

Mayo Clinic. 2012. Stroke: Treatment and Drug. <http://mayoclinic.com/health/stroke/DS00150/DSECTION=treatments-and-drugs>. Diakses pada tanggal 13 Oktober 2012.

Mullins, M. G., Bouquet, A., Williams, L.E. "Biology of grapevine." *Cambridge University Press*, Cambridge. 1992.

Mohr, J. P., Albers, G. W., Amarenco, P., Babikian, V. L., Biller, J., Brey, R. L., et al. Etiology of Stroke. *Stroke*, 1997; 28: 1501-1506.

Moonish, M., Fisher, M. Considering the Role of Heparin and Low-Molecular-Weight Heparins in Acute Ischemic Stroke. *Stroke*, 2002; 33(7): 1927-33.

Moldzio, R., Radad, K., Krewenka C., Kranner, B., Duvigneau, J. C., Rausch, W. D. Protective effects of resveratrol on glutamate-induced damages in murine brain cultures. *J Neural Transm.* 2013; 120(9): 1271-80.

Nakka VP, Gusain A, Mehta SH, Raghbir R. Molecular mechanisms of apoptosis in cerebral ischemia: multiple neuroprotective opportunities. *MolNeurobiol*, 2008; 37: 7-38.

Netter, F. H. 2010. *Atlas of Human Anatomy*, 5th Ed., Elsevier, p. 137.

Nguyen T.L., et al. 2010. *Neuroprotection signaling pathway of nerve growth factor and brain-derived neurotrophic factor against staurosporine induced apoptosis in hippocampal H19-7/IGF-IR*. Korea: Department of Molecular Cell Biology, Samsung Biomedical Research Institute, Sungkyunkwan University School of Medicine.



- Orallo, F. Comparative Studies of the Antioxidant Effects of *Cis*- and *Trans*-Resveratrol. *Current Medicinal Chemistry*, 2006; 13:87-98.
- Papadopoulos, M.C. and Alan S. Verkman, A.S. Aquaporin-4 and brain edema. *Pediatr Nephrol*, 2007; 22:778–784.
- Perez, A.L.R., Reventos, L., Lacueva, C.A., Boronat, C.T. Method for the Quantitative Extraction of Resveratrol and Piceid Isomers in Grape Berry Skins. *Effect of Powdery Mildew on the Stilbene Content*. 2003, *J. Agric. Food Chem.* 2001, 49, 210-215
- Rukmana, H.R. 1999. Anggur, Kanisius, Yogyakarta, hal.14-24.
- Qi, M. and Elion, E. A., 2005. MAP Kinase Pathway, (Online), (<http://jcs.biologists.org/content/118/16/3569.short>), diakses tanggal 7 November 2013).
- Quincozes-Santos, A. and Gottfried, C. Resveratrol modulates astroglial functions: neuroprotective hypothesis. *Annals of the New York Academy of Sciences*, 2011; 1215: 72-78.
- Reynolds, M.A., Kirchick, H.J., Dahlen, J.R., Anderberg, J.M., Mcpherson, P.H., Nakamura, K.K., Laskowitz, D.T., Valkirs, G.E., Buechler, K.F. Early Biomarkers of Stroke. *Clinical Chemistry*.2003. 49(10):1733-1739.
- Riset Kesehatan Dasar. 2007. Jakarta: Badan penelitian dan Pengembangan Kesehatan, Departemen Kesehatan, Republik Indonesia.
- Rist, P. M. Effect of Low-Dose Aspirin on Functional Outcome from Cerebral Vascular Events in Women. *Stroke*, 2013; 44: 432-436.
- Robbins and Cotran. 2006. *Atlas of Pathogy*, International Edition, Saunders Elsevier, Philadelphia, p. 466.
- Roger, V.L., et al.2012. *Heart disease and stroke statistics-2012 update : a report from the American Heart Association*. Circulation. 125(1):e2-220.
- Roupe, K.A., Remsberg, C.M., Yáñez, J.A, Davies, N.M. Pharmacometrics of Stilbenes: Seguing Towards the Clinic. *Current Clinical Pharmacology*, 2006; 1: 81-101.
- Soyer, F. 2005. Ischemic Stroke: Motor Impairment And Disability With Relation To Age And Lesion Location. *The Internet Journal of Neurology*. 3(2): DOI: 10.5580/9b4.



- Seidman, R. J. 2011. Chapter 1: Normal gross brain and microscopy. <http://www.stonybrookmedicalcenter.org/pathology/neuropathology/chapter1>
- Shin JA, Lee H, Lim YK, Koh Y, Choi JH, Park EM. Therapeutic effects of resveratrol during acute periods following experimental ischemic stroke. *J Neuroimmunol*, 2010; 227(1-2): 93-100.
- Simao, F., Matte, A., Matte, C., Soares, F. M., Wyse, A. T., Netto, C. A., et al. Resveratrol prevents oxidative stress and inhibition of Na<sup>(+)</sup>K<sup>(+)</sup>-ATPase activity induced by transient global cerebral ischemia in rats. *J Nutr Biochem*, 2011; 22(10): 921-8.
- Simard JM, Kent TA, Chen M, Tarasov KV, Gerzanich V. Brain oedema in focal ischemia: molecular pathophysiology and theoretical implications. *Lancet Neurol*, 2007; 6: 258–268.
- Sinauer Associates. 2002. *Neuroanatomy through Clinical Cases*, Sunderland, Massachusetts, p. 375.
- Sjahrir, H. 2003. *Stroke Iskemik*, Yandira Agung, Medan, p. 1-3.
- Starkov, A. A., Chinopoulos, C., Fiskum, G. Mitochondrial calcium and oxidative stress as mediators of ischemic brain injury. *Cell Calcium*, 2004; 36: 257-264.
- Sugawara T. et al. Neuronal death/ survival signaling pathways in cerebral ischemia. *NeuroRx*. 2004; 1: 17-25.
- Sureda, F.X. 2000. Excitotoxicity and the NMDA receptor, (Online), (<http://www.eurosiva.org/Archive/Vienna/abstracts/Speakers/SUREDA.htm>, diakses 7 November 2013).
- Udenigwe, C.C, Ramprasath, V.R., Aluko, R.E., Jones, P. JH. Potential of resveratrol in anticancer and anti-inflammatory therapy. *Nutrition Reviews*, 2008; 66(8): 445–454.
- Valderrama, X., Rapin, N., Verge, V.M., Misra, V. Zhangfei Induces the Expression of the Nerve Growth Factor Receptor, TrkA, in Medulloblastoma Cells and Causes Their Differentiation or Apoptosis. *Springer*, 2009; 91(1): 7-17.
- Wang, X. and Michaelis, E.K. Selective neuronal vulnerability to oxidative stress in the brain. *Frontiers in Aging Neuroscience*, 2010; 2(12): 1-13.
- Wang YF, Tsirka SE, Strickland S, Stieg PE, Soriano SG, Lipton SA. 1998. Tissue plasminogen activator (tPA) increases neuronal damage after focal cerebral ischemia in wild-type and tPA-deficient mice. *Nat Med* 4:228-231.

- Wang, YJ, He, F, Li XL. 2003. *The neuroprotection of resveratrol in the experimental cerebral ischemia*. Department of Neurology, Tiantan Hospital, Capital University of Medical Sciences, Beijing. Europe PubMed Central. 83(7):534-536.
- Wiryanta, B.T.W. 2004. Membuahkan Anggur di Dalam Pot dan Pekarangan, Agro Media Pustaka, Jakarta, hal. 20.
- World Health Organization. 2011. *The International Agenda for Stroke Marc Fisher, MD*, University of Massachussets. Stroke AHA/ ASA. Norrvig B. 1st Global Conferences on Healthy Lifestyles and Noncommunicable Diseases Control. Moscow.
- Woodruff, T.M., Thundyil, J., Tang, S.C., Sobey, C.G., Taylor, S.M., Arumugam, V.T., Pathophysiology, treatment, and animal and cellular models of human ischemic stroke. *Molecular Neurodegeneration*, 2011; 6: 11.
- Yayan, J. Effects of Alteplase in the Treatment of Acute Ischemic Stroke. *International Journal of General Medicine*, 2012; 5: 743-751.
- Xiang Y, Zhang T, Zhang X, Ma L.. [Quantitative analysis of resveratrol from grape seeds and grape skins by high performance liquid chromatography method]. 2003, Wei Sheng Yan Jiu. 2003 Sep;32(5):490-2
- Xue, B., Jiao, J., Zhng, L., Li, K.R., Gong, Y.T., Xie, J.X., Wang, X.M., Triptolide Upregulates NGF Synthesis in Rat Astrocyte Cultures, 2007, Volume 32, Issue 7, pp 1113-1119.
- Yayasan Stroke Indonesia. 2011. Jakarta, Republik Indonesia
- Zieve, D. 2011. *Stroke*. Neurosurgery, Cedars-Sinai Medical Center. National Library of Medicine. Los Angeles.
- Zito, K. and Scheuss, V. NMDA Receptor Function and Physiological Modulation. In: Encyclopedia of Neuroscience (Squire LR, ed), 2009, volume 6, pp. 1157-1164. Oxford: Academic Press.
- Zhang, F., Lu, Y.F., Wu, Q., Liu, J., Shi, J.S. Resveratrol promotes neurotrophic factor release from astroglia. *Exp Bio Med*, 2012; 237(8): 943-948.
- Zhang, F., Wang, Y., Liu, H., Lu, Y., Wu, Q., Liu, J., Shi, JS. Resveratrol Produces Neurotrophic Effects on Cultured Dopaminergic Neurons through Prompting Astroglial BDNF and GDNF Release. *Evid Based Complement Alternat Med*, 2012; 2012: 937605.

