

* 陳武福醫師

所有發表期刊論文

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(*: Correspondence)

1. Feng CW, Hung HC, Huang SY, Chen CH, Chen YR, Chen CY, Yang SN, Wang HM, Sung PJ, Sheu JH, Tsui KH, Chen WF*, and Wen ZH*. Neuroprotective Effect of the Marine-Derived Compound 11-Dehydrosinulariolide through DJ-1-Related Pathway in In Vitro and In Vivo Models of Parkinson's Disease. *Marine Drugs* 2016; 14 (10), 187 (IF=3.345; Chemistry, Medicinal 13/59) (* co-corresponding author)
2. Chen CH, Chen NF, Feng CW, Chen SY, Hung HC, Tsui KH, Hsu CH, Sung PJ, Chen WF*, Wen ZH*. A coral-derived compound improves functional recovery after spinal cord injury through its antiapoptotic and anti-inflammatory effects. *Marine Drugs* 2016; Sep 2; 14(9). pii: E160 (IF=3.345; Chemistry, Medicinal 13/59)
3. Chen NF#, Chen WF#, Sung CS, Lu CH, Chen CL Hung HC, Feng CW, Chen CH, Tsui KH, Ku HM, Wang HM, Wen ZH*, Huang SY*. Contributions of p38 and ERK to the antinociceptive effects of TGF- β 1 in chronic constriction injury-induced neuropathic rats. *The Journal of Headache and Pain.* 2016; 17:72. (SCI; IF=3.497; Clinical Neurology 46/192)(# co-first author)
4. Chang HH, Chang YC, Chen WF, Hwang TL, Fang LS, Wen ZH, Chen YH, Wu YC*, Sung PJ*. Pubinernoid A and Apo-9'-fucoxanthinone, Secondary Metabolites from a Gorgonian Coral *Pinnigorgia* sp.. *Natural Product Communications.* 2016; 11(6): 707-708. (SCI; IF=0.884; Chemistry Medicinal 54/59)
5. Wen ZH, Tang CC, Chang YC, Huang SY, Lin YY, Hsieh SP, Lee HP, Lin SC, Chen WF, Jean YH*. Calcitonin attenuates cartilage degeneration and nociception in an experimental rat model of osteoarthritis: role of TGF- β in chondrocytes. *Scientific Reports.* 2016; 6:28862 (IF=5.228; Multidisciplinary Sciences 7/63)
6. Shih FY, Chang HH, Wang HC, Lee TH, Lin YJ, Lin WC, Chen WF, Ho JT, Lu CH*. Risk factors for delayed neuro-surgical intervention in patients with acute mild traumatic brain injury and intracranial hemorrhage. *World J Emerg Surg.* 2016; 11:13. (SCI; IF=1.583; Emergency Medicine 10/24)
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8. Liu KM, Cheng CH, Chen WF, Lu MC, Fang LS, Wen ZH, Su JH, Wu YC, Sung PJ*. Trocheliolide A, a Hydroperoxycembranoidal Diterpene from the Octocoral *Sarcophyton trocheliophorum*. *Nat Prod Commun.* 2015;10(7):1163-5. (SCI; IF=0.884; Chemistry Medicinal 54/59)

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10. Chen WF*, Chen CH, Chen NF, Sung CS, Wen ZH. Neuroprotective effects of direct intrathecal administration of granulocyte colony-stimulating factor in rats with spinal cord injury. *CNS Neuroscience & Therapeutics*. 2015; 21:698-707. (SCI; IF=4.019; Pharmacology & Pharmacy 42/253) (first & corresponding author)
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15. Huang YH, Liao CC, Chen WF, Ou CY*. Characterization of acute post-craniectomy seizures in traumatically brain-injured patients. *Seizure*. 2015; 25:150-4. (SCI; IF=2.109; Clinical Neurology 109/192)
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Doctoral Dissertation:

Graduate Institute of Medical Sciences, National Defense Medical Center (2007):

The pathogenesis and pharmacological protection of perinatal hypoxia-induced neuronal alterations in the rat brain

Presentations:

1. Chen WF , Shih FY. Neuromodulation experiences sharing Southern Taiwan. Summer meeting of Taiwan society for stereotactic functional neurosurgery and rdiosurgery. Taipei, Taiwan; June 18, 2016, Inviting speaker

2. Lee CY, Wang HC, Lin YC, Chen WF, Ho JT. Recurrent giant GH-secreting pituitary adenoma and cavernous sinus invasion:case report and literature review. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; December 5-6, 2015, Oral

3. Chuang MJ, Chen WF. The analysis of ineffective signals or artifacts in monitoring of evoked potentials and electromyogram during spine surgeries. The annual conference of Taiwan surgical association. Taipei, Taiwan; March 21-22, 2015, Oral

4. Shih FY, Chen WF, Ho JT, Wang HC. Risk Factor for Delayed Neuro-surgical Intervention in Patients with Acute Mild Traumatic Brain Injury and Intracranial Hemorrhage. The Annual conference of Taiwan Society of Critical Care Medicine. Taipei, Taiwan; October 17-18, 2015, Best Poster Award

5. Shih FY, Chen YF, Chang YY, Su CS, Chen WF. Misplaced Subthalamic Electrodes due to Previous Pallidotomy in Advanced Parkinson's Disease—A Case Report. The annual conference of Taiwan Society for Stereotactic Functional Neurosurgery and Radiosurgery. Hualien, Taiwan; November 2, 2015, Oral.
6. Ou CY, Cheng CH, Chen WF, Lui CC, Su TM. Cerebral hemorrhagic infarction following cranioplasty in a shunted patient with tension pneumocephalus resulting from depressed skull and craniodural defect. The annual conference of Taiwan neurosurgical society. Kaohsiung, Taiwan; December 13-14, 2014, Oral
7. Chen WF, Wen ZH. The potentially neuroprotective agents from marine-derived compound for spinal cord injury. Annual meeting of Taiwan neurotrauma society. Taipei, Taiwan; September 13, 2014, Inviting speaker
8. Chen WF, Chen CH, Wen ZH. Marine-derived natural compound WSS treatment improves functional recovery by anti-apoptotic and anti-inflammatory effect after spinal cord injury. Annual meeting of American association of neurological surgeons. San Francisco, USA; April 5-9, 2014, Poster
9. Shih FY, Chen YF, Chang YY, Su CS, Chen WF. Result of deep brain stimulation in advanced Parkinson's disease—The experience of Kaohsiung Chang Gung Memorial Hospital. The annual conference of Taiwan Society for Stereotactic Functional Neurosurgery and Radiosurgery. Taipei, Taiwan; November 2, 2013, Oral.
10. Shih FY, Chen WF, Ho JT, Wang HC. Risk Factors of Predictive Failure of Nonoperative Management in patients who have mild traumatic brain injury with minimal hematoma on admission. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; November 2-4, 2013, Poster
11. Chen WF, Feng CW, Wen ZH. Therapeutic effects of a marine-derived compound, NERV-1, protects against neurotoxicity in the 6-hydroxydopamine-induced Parkinson's disease model. The annual conference of Taiwan surgical association. Taipei, Taiwan; March 15-16, 2013, Oral
12. Chen WF, Chen CH, Wen ZH. Marine-derived natural compound WSS treatment improves functional recovery by anti-apoptotic and anti-inflammatory effect after spinal cord injury. The annual conference of Taiwan neurosurgical society. Taichung, Taiwan; December 6-7, 2012, Poster
13. Liao CC, Chen CH, Wen ZH, Chen WF. Intrathecal granulocyte colony-stimulating factor modulates glial-derived neurotrophic factor and vascular endothelial growth factor expression in glial cells after experimental spinal cord ischemia. The annual conference of Taiwan surgical association. Taipei, Taiwan; March 16-17, 2013, Oral
14. Shih FY, Chen CH, Wen ZH, Chen WF. Intrathecal granulocyte colony-stimulating factor improves functional recovery in spinal cord injured rats: the role of glutamate transporter 1 and glial cells activation. The annual conference of Taiwan neurosurgical

society. Tainan, Taiwan; November 2-4, 2012, Oral

15. Chen WF, Huang SY, Wen ZH. Intrathecal granulocyte colony-stimulating factor upregulates astrocytic glutamate transporter 1 in reactive astrocytes and attenuates gliosis after spinal cord injury in rats. The annual conference of Taiwan surgical association. Taipei, Taiwan; March 17-18, 2012, Oral

16. Chen WF, Huang SY, Wen ZH. Neuroprotective effects of intrathecally administered granulocyte colony-stimulating factor in rats with spinal ischemia: Effects of glial-derived neurotrophic factor and vascular endothelial growth factor on spinal astrocytes. Annual meeting of American association of neurological surgeons. Denver, USA; April 9-13, 2011, Poster

17. Chen WF, Huang SY, Wen ZH. The anti-neuroinflammatory properties of granulocyte-colony stimulating factor in BV2 microglial. The annual conference of Taiwan surgical association. Taipei, Taiwan; March 19-20, 2011, Poster

18. Chen WF, Huang SY, Wen ZH. Neuroprotective effects of intrathecally administered granulocyte colony-stimulating factor in rats with spinal ischemia: Effects of glial-derived neurotrophic factor and vascular endothelial growth factor on spinal astrocytes. The annual conference of Taiwan neurosurgical society. Tainan, Taiwan; November 27-28, 2010, Poster

19. Chen WF. Suppressive effects of intrathecal granulocyte-colony stimulating factor on the excessive release of excitatory amino acids in the spinal cerebrospinal fluid of rats with cord ischemia: the role of glutamate transporters. The annual conference of Taiwan neurospinal society. Taichung, Taiwan; June 12-13, 2010, Invited speaker

20. Chen WF, Su FW, Wang HC, Su TM, Huang SY, Wen ZH. The neuroprotective effects of antiinflammatory activity of 11-dehydrosinulariolide on 6-hydroxydopamine-induced neurotoxicity in SH-SY5Y. The annual conference of Taiwan surgical association. Taipei, Taiwan; March 20-21, 2010, Oral

21. Chen WF, Ho JT, Tao-Chen Lee TC, Su TM, Huang SY, Wen ZH. Suppressive effects of intrathecal granulocyte-colony stimulating factor on the excessive release of excitatory amino acids in the spinal cerebrospinal fluid of rats with cord ischemia: the role of glutamate transporters. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; December 4-5, 2009, Oral

22. Chen WF, Ho JT, Tao-Chen Lee TC, Su TM, Huang SY, Wen ZH. Suppressive effects of intrathecal granulocyte-colony stimulating factor on the excessive release of excitatory amino acids in the spinal cerebrospinal fluid of rats with cord ischemia. The annual conference of Taiwan neurospinal society. Taipei, Taiwan; June 06-07, 2009, Poster

23. Chen WF, Ho JT, Lee TC, Wen ZH. Intrathecal injection of granulocyte colony-stimulating factor activates glial cells and upregulates glutamate transporters

- in spinal cord ischemia. The annual conference of Taiwan neurosurgical society. Kaohsiung, Taiwan; November 29-30, 2008, Poster
24. Chen WF, Wen ZH. Intrathecally Injected Granulocyte Colony-stimulating Factor Produced Neuroprotective Effects in Spinal Cord Ischemia via the Mitogen-activated Protein Kinase and Akt Pathways. 2008 Annual Conference of Congress of Neurological Surgeons. Orlando, Florida; September 20-25.
25. Lin YJ, Huang YH, Chen WF. Acute thoracic epidural hematoma due to vertebral hemangioma spontaneous hemorrhage in a pediatric patient. The annual conference of Taiwan neurospinal society. Kaohsiung, Taiwan; May 24-25, 2008, Poster
26. Chen WF, Jean HY, Sung CS, Wu GJ, Huang SY, Cheng YR, Wen ZH. Intrathecally injected granulocyte colony stimulating factor produced neuroprotective in spinal cord ischemia via mitogen-activated kinase and Akt pathway. The 23th Joint Annual Conference of Biomedical Science, Taipei, Mar 29-30, 2008.
27. Jean YH, Chen WF, Tsai FN, Chen YW, Chang TW, Wu CL, Wen ZH. Increased in glutamate and aspartate transporter expression in experimental osteoarthritis knees in rabbits. The 23th Joint Annual Conference of Biomedical Science, Taipei, Mar 29-30, 2008.
28. Chen WF, Ho JT, Wen ZH. Intrathecally Injected Granulocyte Colony-stimulating Factor Produced Neuroprotective Effects in Spinal Cord Ischemia via the Mitogen-activated Protein Kinase and Akt Pathways. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; November 23-25, 2007, Poster
29. Yang KY, Chen WF, Ho JT. Solitary fibrous tumor of the meninges- case report. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; November 23-25, 2007, Poster
30. Wu GJ, Chen WF, Sung CS, Shih CM, Shyu CY, Wen ZH. Preventive effects of intrathecal methylprednisolone on spinal cord ischemia in rats: the role of excitatory amino acid metabolizing systems. The 2006 International Symposium on Stroke Research (ISSR) of Taiwan at Taipei Medical University, from Nov 5-4.
31. Wu GJ, Chen WF, Sung CS, Shih CM, Shyu CY, Wen ZH. Preventive effects of intrathecal methylprednisolone on spinal cord ischemia in rats: the role of excitatory amino acid metabolizing systems. The 2006 annual meeting of Society of Anesthesiologists of Taiwan at National Cheng Kung University Hospital, Tainan, from September 24 to 25
32. Wen ZH, Sung CS, Chen WF, Chang YC, Huang SY, Tu CM, Wei YC, Duh CY. Anti-inflammatory and analgesic activity of marine nature compound-Lemnalol of Formosan soft coral Lemnalia Cervicorni. The year 2006 annual meeting of Chinese Association for the Study of Pain in Kaohsiung, Mar 18-19, 2006.
33. Wang HC, Chen WF, Lin WC, Yang TM, Lee TC. Computer-Assisted Pedicle Screw

Placement for Thoracolumbar Spine Fracture with Separate Spinal Reference Clamp Placement and Registration. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; December 3, 2006, Poster

34. Wu GJ, Chen WF, Sung CS, Shih CM, Shyu CY, Wen ZH. Preventive Effects of Intrathecal Methylprednisolone on Spinal Cord Ischemia in Rats. Annual Meeting Neuroscience Society of Taiwan & 2006 International Stroke Symposium. Taipei, Taiwan; November 4-5, 2006, Oral

35. Chen WF, Ho JT, Yang SN. Alterations in Long-term Seizure Susceptibility and the Complex of PSD-95 with NMDA Receptor from Animals Previously Exposed to Perinatal Hypoxia. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; December 3-4, 2005, Poster

36. Yang KY, Chen WF, Ho JT. Intramedullary Cervical Spine Germinoma – Case Report. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; December 3-4, 2005, Poster

37. Chou YC, C-F Su CF, Chen WF, Harnod T, Chen SY, Lin SZ. Anterior Cervical Fusion with Cages and Autologous Bone Graft: A Retrospective Comparative Study. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; December 3-4, 2005, Poster

38. Chen WF, Yang SN. Impaired SynGAP expression and long-term spatial learning and memory in hippocampal CA1 area from rats previously exposed to perinatal hypoxia-induced insults: beneficial effects of A68930. 9th Internal Conference on Neural Transplantation and Repair. Taipei, Taiwan; June 8-11, 2005, Poster.

39. Cheng YS, Chen WF, Yen PS. Endovascular thrombolysis for symptomatic cerebral venous thrombosis: case report and literatures review. The annual conference of Taiwan surgical society. Taipei, Taiwan; March 27-28, 2004, Oral.

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41. Chou YC, C-F Su CF, Chen WF, Harnod T, Chen SY, Lin SZ. Stereotatic radiosurgery for intracranial schwannomas: A preliminary report. The annual conference of Taiwan neurosurgical society. Taipei, Taiwan; December 6-7, 2003, Oral.

42. Lin JF, Chen WF, Yen PS. Complications of percutaneous vertebroplasty with polymethylmethacrylate. The annual conference of Taiwan neurospinal society. Taipei, Taiwan; September 20-21, 2003, Poster.

43. Chou YC, Lin JF, Su CF, Lin SZ, Chen WF. Cough brought on by calcification of the cervical ligamentum flavum: case report. The annual conference of Taiwan neurospinal society. Taipei, Taiwan; September 20-21, 2003, Oral.

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45. Chen WF, Rau CS, Lu CC, Liang CL, Chen HJ, Kuo YL. Superior sagittal sinus thrombosis induced by thyrotoxicosis- Case report. The 2000 Annual Conference of Neurological Surgery. Taiwan; 2000, Poster.
46. Chen WF, Fu A, Lin SZ. Limited endoscopic sympathectomy for palmar hyperhidrosis. Congress of Neurological Surgeons. Seattle, Washington, USA; October 3-8, 1998, Oral.
47. Chen WF, Lin SZ, Chiou AL, Wang Y. Ketamine decreases brain infarction induced by a transient middle cerebral arterial ligation. 18th International Symposium on Cerebral Blood flow and Metabolism. Baltimore, USA; June 15-22, 1997, Poster.
48. Chen WF, Fu A, Lin SZ. Supraorbital key hole approach for anterior fossa lesions. 11th International Congress of Neurological Surgery. Amsterdam, The Netherlands; July 6-11, 1997, Poster.
49. Chen WF, Liu MY, Lin SZ. Ketamine decreases brain infarction induced by a transient middle cerebral arterial ligation. Mechanisms of Cerebrovascular Function and Regulation. Williamsburg, U.S.A; June 20-22, 1997, Poster.
50. Chen WF, Liu MY, Lin SZ, Chen GJ, Ma HI. Hemodilution normalize the prolonged passage time of red cells and plasma through cerebral microvessels in the partial ischemic forebrain of rats. 10th European Congress of Neurosurgery. Berlin, Germany; May 7-12, 1995, Poster.
51. Chen WF, Liu MY, Lin SZ, Chen GJ, Ma HI. Prolonged passage time of red cells and plasma through cerebral microvessels in SHR. The 53th 1995 Annual Conference of the Surgical Association. Taipei, Taiwan, 1995, Oral.
52. Chen WF, Fu A, Lin SZ. Congenital AVM of scalp. The 52th 1994 Annual Conference of the Surgical Association. Taipei, Taiwan, 1994, Oral.
53. Chen WF, Fu A, Lin SZ. Multiple spinal neurilemmomas – a case report. The 51th 1993 Annual Conference of the Surgical Association. Taipei, Taiwan, 1993, Oral.