

2025

1. **Astrocytic Interleukin-33 Deficiency Reduces Glial Fibrillary Acidic Protein Expression and Exacerbates Microglial Activation and Neuronal Damage in a Chemically Induced Inflamed Frontal Cortex**
Zheng, Y. C., Chen, W. Y., Wang, C.-Y. & Tzeng, S. F., 2025 12 月, 於: *Journal of Neurochemistry*. 169, 12, e70310.
 2. **Dopamine D1 receptor agonist alleviates post-weaning isolation-induced neuroinflammation and depression-like behaviors in female mice**
Zhao, Z. W., Wang, Y. C., Chen, P. C., Tzeng, S. F., Chen, P. S. & Kuo, Y. M., 2025 12 月, 於: *Behavioral and Brain Functions*. 21, 1, 6.
 3. **Editorial: Sex-dependent modulation of neuroinflammation in the aging brain**
Kuo, Y. M., Tzeng, S. F. & Fernandez, C. G., 2025, 於: *Frontiers in Aging Neuroscience*. 17, 1745448.
 4. **Exploring the reduction in aquaporin-4 and increased expression of ciliary neurotrophic factor with the frontal–striatal gliosis induced by chronic high-fat dietary stress**
Fu, J. T., Huang, H. T., Chen, P. C., Kuo, Y. M., Chen, P. S. & Tzeng, S. F., 2025 1 月, 於: *Journal of Neurochemistry*. 169, 1, e16236.
 5. **Genome-wide mapping and quantification of DNA damage induced by catechol estrogens using Click-Probe-Seq and LC-MS2**
Do, Q. T., Tzeng, S. F., Wang, C. Y., Wu, C. H., Kafeenah, H. & Chen, S. H., 2025 12 月, 於: *Communications Biology*. 8, 1, 357.
-

2024

6. **Chaperone/Polymer Complexation of Protein-Based Fluorescent Nanoclusters against Silica Encapsulation-Induced Physicochemical Stresses**
Akbarian, M., Chen, I. N., Lu, P. H., Do, Q. T., Tzeng, S. F., Chou, H. H. &

Chen, S. H., 2024 10 月 14, 於: *Biomacromolecules*. 25, 10, p. 6515-6525
11 p.

7. **Erinacine S, a small active component derived from *Hericium erinaceus*, protects oligodendrocytes and alleviates mood abnormalities in cuprizone-exposed rodents**

Fu, J. T., Yang, C. J., Lee, L. Y., Chen, W. P., Chen, Y. W., Chen, C. C., Sun, Y. T., Yang, C. S. & Tzeng, S. F., 2024 4 月, 於: *Biomedicine and Pharmacotherapy*. 173, 116297.

8. **Exposure to lipid mixture induces intracellular lipid droplet formation and impairs mitochondrial functions in astrocytes**

Li, Y. C., Fu, J. T. & Tzeng, S. F., 2024 9 月, 於: *Neurochemistry International*. 178, 105792.

9. **Interleukin-33 has the protective effect on oligodendrocytes against impairment induced by cuprizone intoxication**

Huang, H. T. & Tzeng, S. F., 2024 1 月, 於: *Neurochemistry International*. 172, 105645.

10. **Interleukin-6 Inhibits Expression of miR-204-5p, a Regulator of Oligodendrocyte Differentiation: Involvement of miR-204-5p in the Prevention of Chemical-Induced Oligodendrocyte Impairment**

Huang, H. T., Wang, C. Y., Ho, C. H. & Tzeng, S. F., 2024 4 月, 於: *Molecular Neurobiology*. 61, 4, p. 1953-1968 16 p.

2023

11. **Glibenclamide promotes FGF21 secretion in interscapular BAT and attenuates depression-like behaviors in male mice with HFD-induced obesity**

Kuo, Y. Y., Tsai, H. Y., Kuo, Y. M., Tzeng, S. F., Chen, P. S., Hsu, P. H., Lin, Y. T. & Chen, P. C., 2023 9 月 1, 於: *Life Sciences*. 328, 121900.

2022

12. **Absence of the lectin-like domain of thrombomodulin reduces HSV-1 lethality of mice with increased microglia responses**
Tsai, M. S., Wang, L. C., Wu, H. L., Tzeng, S. F., Conway, E. M., Hsu, S. M. & Chen, S. H., 2022 12 月, 於: *Journal of Neuroinflammation*. 19, 1, 66.
 13. **High-fat diet induces depression-like phenotype via astrocyte-mediated hyperactivation of ventral hippocampal glutamatergic afferents to the nucleus accumbens**
Tsai, S. F., Hsu, P. L., Chen, Y. W., Hossain, M. S., Chen, P. C., Tzeng, S. F., Chen, P. S. & Kuo, Y. M., 2022 11 月, 於: *Molecular Psychiatry*. 27, 11, p. 4372-4384 13 p.
-

2021

14. **Author Correction: Hericium erinaceus mycelium and its small bioactive compounds promote oligodendrocyte maturation with an increase in myelin basic protein (Scientific Reports, (2021), 11, 1, (6551), 10.1038/s41598-021-85972-2)**
Huang, H. T., Ho, C. H., Sung, H. Y., Lee, L. Y., Chen, W. P., Chen, Y. W., Chen, C. C., Yang, C. S. & Tzeng, S. F., 2021 12 月, 於: *Scientific Reports*. 11, 1, 9063.
15. **Enhanced microglia activation and glioma tumor progression by inflammagen priming in mice with tumor necrosis factor receptor type 2 deficiency**
Liao, C. K., Fang, K. M., Huang, H. T., Chang, W. R., Chuang, C. C. & Tzeng, S. F., 2021 9 月, 於: *Life*. 11, 9, 961.
16. **Hericium erinaceus mycelium and its small bioactive compounds promote oligodendrocyte maturation with an increase in myelin basic protein**
Huang, H. T., Ho, C. H., Sung, H. Y., Lee, L. Y., Chen, W. P., Chen, Y. W., Chen, C. C., Yang, C. S. & Tzeng, S. F., 2021 12 月, 於: *Scientific Reports*. 11, 1, 6551.
17. **Inhibitory Effects of Trifluoperazine on Peripheral Proinflammatory Cytokine Expression and Hypothalamic Microglia Activation in Obese Mice Induced by Chronic Feeding With High-Fat-Diet**
Huang, H. T., Chen, P. C., Chen, P. S., Chiu, W. T., Kuo, Y. M. & Tzeng, S. F., 2021

10 月 26, 於: *Frontiers in Cellular Neuroscience*. 15, 752771.

18. **Microglia reduce herpes simplex virus 1 lethality of mice with decreased t cell and interferon responses in brains**

Tsai, M. S., Wang, L. C., Tsai, H. Y., Lin, Y. J., Wu, H. L., Tzeng, S. F., Hsu, S. M. & Chen, S. H., 2021 11 月 1, 於: *International Journal of Molecular Sciences*. 22, 22, 12457.

19. **The Nuclear Function of IL-33 in Desensitization to DNA Damaging Agent and Change of Glioma Nuclear Structure**

Chung, Y. H., Qian, Q., Huang, H. Y., Chiu, W. T., Yang, C. S. & Tzeng, S. F., 2021 10 月 20, 於: *Frontiers in Cellular Neuroscience*. 15, 713336.

2020

20. **Behavioral and brain-transcriptomic synchronization between the two opponents of a fighting pair of the fish *Betta splendens*** Vu, T. D., Iwasaki,

Y., Shigenobu, S., Maruko, A., Oshima, K., Iio, E., Huang, C. L., Abe, T., Tamaki, S., Lin, Y. W., Chen, C. K., Lu, M. Y., Hojo, M., Wang, H. V., Tzeng, S. F., Huang, H. J., Kanai, A., Gojobori, T., Chiang, T. Y. & Sun, H. S. 及其他 2, 2020 6 月, 於: *PLoS Genetics*. 16, 6, e1008831

21. **Intermittent peripheral exposure to lipopolysaccharide induces exploratory behavior in mice and regulates brain glial activity in obese mice** Huang, H. T., Chen, P. S., Kuo, Y. M. & Tzeng, S. F., 2020 5 月 25, 於:

Journal of Neuroinflammation. 17, 1, 163

22. **The selective lipoprotein-associated phospholipase A2 inhibitor darapladib triggers irreversible actions on glioma cell apoptosis and mitochondrial dysfunction** Wang, Y. J., Chang, S. B., Wang, C. Y., Huang, H.

T. & Tzeng, S. F., 2020 9 月 1, 於: *Toxicology and Applied Pharmacology*. 402, 115133

2019

23. **BRCA1/BRCA2-containing complex subunit 3 controls oligodendrocyte**

differentiation by dynamically regulating lysine 63-linked ubiquitination

Wang, C. Y., Deneen, B. & Tzeng, S. F., 2019 9 月, 於: *GLIA*. 67, 9, p. 1775-1792, 18 p.

24. **Chronic exposure to high fat diet triggers myelin disruption and interleukin-33 upregulation in hypothalamus** Huang, H. T., Tsai, S. F., Wu, H. T., Huang, H. Y., Hsieh, H. H., Kuo, Y. M., Chen, P. S., Yang, C. S. & Tzeng, S. F., 2019 7 月 10, 於: *BMC Neuroscience*. 20, 1, 33
 25. **Down-regulation of interleukin-33 expression in oligodendrocyte precursor cells impairs oligodendrocyte lineage progression** Sung, H. Y., Chen, W. Y., Huang, H. T., Wang, C. Y., Chang, S. B. & Tzeng, S. F., 2019 9 月 1, 於: *Journal of Neurochemistry*. 150, 6, p. 691-708, 18 p.
-

2018

26. **Functional Role of Matrix gla Protein in Glioma Cell Migration** Fu, M. H., Wang, C. Y., Hsieh, Y. T., Fang, K. M. & Tzeng, S. F., 2018 6 月 1, 於: *Molecular Neurobiology*. 55, 6, p. 4624-4636, 13 p.
27. **Function of B-cell CLL/lymphoma 11B in glial progenitor proliferation and oligodendrocyte maturation** Wang, C. Y., Sun, Y. T., Fang, K. M., Ho, C. H., Yang, C. S. & Tzeng, S. F., 2018 1 月 24, 於: *Frontiers in Molecular Neuroscience*. 11, 4
28. **High-fat diet suppresses the astrocytic process arborization and downregulates the glial glutamate transporters in the hippocampus of mice** Tsai, S. F., Wu, H. T., Chen, P. C., Chen, Y. W., Yu, M., Wang, T. F., Wu, S. Y., Tzeng, S. F. & Kuo, Y. M., 2018 12 月 1, 於: *Brain Research*. 1700, p. 66-77, 12 p.
29. **In Situ Click Reaction Coupled with Quantitative Proteomics for Identifying Protein Targets of Catechol Estrogens** Liang, H. C., Liu, Y. C., Chen, H., Ku, M. C., Do, Q. T., Wang, C. Y., Tzeng, S. F. & Chen, S. H., 2018 8 月 3, 於: *Journal of Proteome Research*. 17, 8, p. 2590-2599
30. **Stress Aggravates High-Fat-Diet-Induced Insulin Resistance via a Mechanism That Involves the Amygdala and Is Associated with Changes in Neuroplasticity** Tsai, S. F., Wu, H. T., Chen, P. C., Chen, Y. W., Yu, M., Tzeng,

S. F., Wu, P. H., Chen, P. S. & Kuo, Y. M., 2018 9 月 1, 於: *Neuroendocrinology*. 107, 2, p. 147-157

2017

31. **Ligands of peroxisome proliferator-activated receptor-alpha promote glutamate transporter-1 endocytosis in astrocytes** Huang, H. T., Liao, C. K., Chiu, W. T. & Tzeng, S. F., 2017 5 月 1, 於: *International Journal of Biochemistry and Cell Biology*. 86, p. 42-53, 12 p.
 32. **MicroRNA-212 inhibits oligodendrocytes during maturation by down-regulation of differentiation-associated gene expression** Wang, C. Y., Deneen, B. & Tzeng, S. F., 2017 10 月, 於: *Journal of Neurochemistry*. 143, 1, p. 112-125, 14 p.
-

2016

33. **Depletion of B cell CLL/Lymphoma 11B Gene Expression Represses Glioma Cell Growth** Liao, C. K., Fang, K. M., Chai, K., Wu, C. H., Ho, C. H., Yang, C. S. & Tzeng, S. F., 2016 8 月 1, 於: *Molecular Neurobiology*. 53, 6, p. 3528-3539, 12 p.
34. **KCC3 deficiency-induced disruption of paranodal loops and impairment of axonal excitability in the peripheral nervous system** Sun, Y. T., Tzeng, S. F., Lin, T. S., Hsu, K. S., Delpire, E. & Shen, M. R., 2016 10 月 29, 於: *Neuroscience*. 335, p. 91-102, 12 p.
35. **Postnatal Stress Induced by Injection with Valproate Leads to Developing Emotional Disorders Along with Molecular and Cellular Changes in the Hippocampus and Amygdala** Wang, C. Y., Cheng, C. W., Wang, W. H., Chen, P. S. & Tzeng, S. F., 2016 12 月 1, 於: *Molecular Neurobiology*. 53, 10, p. 6774-6785, 12 p.
36. **Reduction of CD200 expression in glioma cells enhances microglia activation and tumor growth** Wang, C. Y., Hsieh, Y. T., Fang, K. M., Yang, C. S. & Tzeng, S. F., 2016 12 月 1, 於: *Journal of Neuroscience Research*. 94, 12,

2015

37. **Colchicine derivative as a potential anti-glioma compound** Fang, K. M., Liu, J. J., Li, C. C., Cheng, C. C., Hsieh, Y. T., Chai, K. M., Lien, Y. A. & Tzeng, S. F., 2015 9 月 30, 於: *Journal of Neuro-Oncology*. 124, 3, p. 403-412, 10 p.
 38. **MicroRNA-145 as one negative regulator of astrogliosis** Wang, C. Y., Yang, S. H. & Tzeng, S. F., 2015 2 月 1, 於: *GLIA*. 63, 2, p. 194-205, 12 p.
-

2014

39. **Chronic treatment with cisplatin induces replication-dependent sister chromatid recombination to confer cisplatin-resistant phenotype in nasopharyngeal carcinoma** Su, W. P., Hsu, S. H., Wu, C. K., Chang, S. B., Lin, Y. J., Yang, W. B., Hung, J. J., Chiu, W. T., Tzeng, S. F., Tseng, Y. L., Chang, J. Y., Su, W. C. & Liaw, H., 2014, 於: *Oncotarget*. 5, 15, p. 6323-6337, 15 p.
40. **Downregulation of BRCA1-BRCA2-containing complex subunit 3 sensitizes glioma cells to temozolomide** Chai, K. M., Wang, C. Y., Liaw, H. J., Fang, K. M., Yang, C. S. & Tzeng, S. F., 2014, 於: *Oncotarget*. 5, 21, p. 10901-10915, 15 p.
41. **Induced interleukin-33 expression enhances the tumorigenic activity of rat glioma cells** Fang, K. M., Yang, C. S., Lin, T. C., Chan, T. C. & Tzeng, S. F., 2014 4 月, 於: *Neuro-Oncology*. 16, 4, p. 552-566, 15 p.
2013
42. **Enhanced cell growth and tumorigenicity of rat glioma cells by stable expression of human CD133 through multiple molecular actions** Fang, K. M., Lin, T. C., Chan, T. C., Ma, S. Z., Tzou, B. C., Chang, W. R., Liu, J. J., Chiou, S. H., Yang, C. S. & Tzeng, S. F., 2013 9 月, 於: *GLIA*. 61, 9, p. 1402-1417, 16 p.
43. **Valproic acid attenuates microgliosis in injured spinal cord and purinergic P2X4 receptor expression in activated microglia** Lu, W. H., Wang, C. Y., Chen, P. S., Wang, J. W., Chuang, D. M., Yang, C. S. & Tzeng, S. F.,

2012

44. **Delayed granulocyte colony-stimulating factor treatment promotes functional recovery in rats with severe contusive spinal cord injury** Lee, J. S., Yang, C. C., Kuo, Y. M., Sze, C. I., Hsu, J. Y. C., Huang, Y. H., Tzeng, S. F., Tsai, C. L., Chen, H. H. & Jou, I. M., 2012 1 月 1, 於: *Spine*. 37, 1, p. 10-17, 8 p.
 45. **Mps one binder 2 gene upregulation in the stellation of astrocytes induced by cAMP-dependent pathway** Fang, K. M., Liu, Y. Y., Lin, C. H., Fan, S. S., Tsai, C. H. & Tzeng, S. F., 2012 9 月, 於: *Journal of Cellular Biochemistry*. 113, 9, p. 3019-3028, 10 p.
 46. **Retinoic acid mediates the expression of glutamate transporter-1 in rat astrocytes through genomic RXR action and non-genomic protein kinase C signaling pathway** Chan, T. J., Her, L. S., Liaw, H. J., Chen, M. C. & Tzeng, S. F., 2012 5 月, 於: *Journal of Neurochemistry*. 121, 4, p. 537-550, 14 p.
-

2011

47. **Expression of macrophage inflammatory protein-1 α and monocyte chemoattractant protein-1 in glioma-infiltrating microglia: Involvement of ATP and P2X7 receptor** Fang, K. M., Wang, Y. L., Huang, M. C., Sun, S. H., Cheng, H. & Tzeng, S. F., 2011 2 月, 於: *Journal of Neuroscience Research*. 89, 2, p. 199-211, 13 p.
 48. **Oxidative stress-induced attenuation of thrombospondin-1 expression in primary rat astrocytes** Chen, J. K., Zhan, Y. J., Yang, C. S. & Tzeng, S. F., 2011 1 月, 於: *Journal of Cellular Biochemistry*. 112, 1, p. 59-70, 12 p.
 49. **Reduction in antioxidant enzyme expression and sustained inflammation enhance tissue damage in the subacute phase of spinal cord contusive injury** Wang, C. Y., Chen, J. K., Wu, Y. T., Tsai, M. J., Shyue, S. K., Yang, C. S. & Tzeng, S. F., 2011, 於: *Journal of Biomedical Science*. 18, 1, 13
-

2010

50. **Ca²⁺-dependent reduction of glutamate aspartate transporter GLAST expression in astrocytes by P2X7 receptor-mediated phosphoinositide 3-kinase signaling** Liu, Y. P., Yang, C. S., Chen, M. C., Sun, S. H. & Tzeng, S. F., 2010 4 月, 於: *Journal of Neurochemistry*. 113, 1, p. 213-227 15 p.
 51. **Deficiency of electroneutral K⁺-Cl⁻ cotransporter 3 causes a disruption in impulse propagation along peripheral nerves** Sun, Y. T., Lin, T. S., Tzeng, S. F., Delpire, E. & Shen, M. R., 2010 10 月, 於: *GLIA*. 58, 13, p. 1544-1552, 9 p.
 52. **Effect of arsenite and arsenate on microglial cell survival** Wu, T. J., Weng, S. T. & Tzeng, S. F., 2010, *Arsenic in Geosphere and Human Diseases, As 2010 - 3rd International Congress: Arsenic in the Environment*. Taylor and Francis - Balkema, p. 348-349, 2 p. (Conference contribution)
 53. **Effects of combinatorial treatment with pituitary adenylate cyclase activating peptide and human mesenchymal stem cells on spinal cord tissue repair** Fang, K. M., Chen, J. K., Hung, S. C., Chen, M. C., Wu, Y. T., Wu, T. J., Lin, H. I., Chen, C. H., Cheng, H., Yang, C. S. & Tzeng, S. F., 2010, 於: *PloS One*. 5, 12, e15299
 54. **In vivo monitoring of the transfer kinetics of trace elements in animal brains with hyphenated inductively coupled plasma mass spectrometry techniques** Su, C. K., Sun, Y. C., Tzeng, S. F., Yang, C. S., Wang, C. Y. & Yang, M. H., 2010 5 月, 於: *Mass Spectrometry Reviews*. 29, 3, p. 392-424, 33 p.
-

2009

55. **Capnellene, a natural marine compound derived from soft coral, attenuates chronic constriction injury-induced neuropathic pain in rats** Jean, Y. H., Chen, W. F., Sung, C. S., Duh, C. Y., Huang, S. Y., Lin, C. S., Tai, M. H., Tzeng, S. F. & Wen, Z. H., 2009 10 月, 於: *British Journal of Pharmacology*. 158, 3, p. 713-725, 13 p.
56. **Microglial phagocytosis attenuated by short-term exposure to exogenous ATP through P2X7 receptor action** Fang, K. M., Yang, C. S., Sun, S. H. & Tzeng, S. F., 2009 12 月, 於: *Journal of Neurochemistry*. 111, 5, p. 1225-1237, 13 p.
57. **Reactive oxygen species-induced cell death of rat primary astrocytes**

through mitochondria-mediated mechanism Wang, C. C., Fang, K. M., Yang, C. S. & Tzeng, S. F., 2009 8 月 1, 於: *Journal of Cellular Biochemistry*. 107, 5, p. 933-943, 11 p.

58. **Role of ciliary neurotrophic factor in microglial phagocytosis** Lee, T. I., Yang, C. S., Fang, K. M. & Tzeng, S. F., 2009 1 月, 於: *Neurochemical Research*. 34, 1, p. 109-117, 9 p.
-

2008

59. **Characterization of surface modification on microelectrode arrays for in vitro cell culture** Lin, S. P., Chen, J. J. J., Liao, J. D. & Tzeng, S. F., 2008 2 月, 於: *Biomedical Microdevices*. 10, 1, p. 99-111, 13 p.
60. **Inhibition of cadmium-induced oxidative injury in rat primary astrocytes by the addition of antioxidants and the reduction of intracellular calcium** Yang, C. S., Tzou, B. C., Liu, Y. P., Tsai, M. J., Shyue, S. K. & Tzeng, S. F., 2008 2 月 15, 於: *Journal of Cellular Biochemistry*. 103, 3, p. 825-834, 10 p.
61. **Inhibitory regulation of glutamate aspartate transporter (GLAST) expression in astrocytes by cadmium-induced calcium influx** Liu, Y. P., Yang, C. S. & Tzeng, S. F., 2008 4 月, 於: *Journal of Neurochemistry*. 105, 1, p. 137-150, 14 p.
62. **Sustained intraspinal delivery of neurotrophic factor encapsulated in biodegradable nanoparticles following contusive spinal cord injury** Wang, Y. C., Wu, Y. T., Huang, H. Y., Lin, H. I., Lo, L. W., Tzeng, S. F. & Yang, C. S., 2008 12 月, 於: *Biomaterials*. 29, 34, p. 4546-4553, 8 p.
-

2007

63. **TNF- α /IFN- γ -induced iNOS expression increased by prostaglandin E2 in rat primary astrocytes via EP2-evoked cAMP/PKA and intracellular calcium signaling** Hsiao, H. Y., Mak, O. T., Yang, C. S., Liu, Y. P., Fang, K. M. & Tzeng, S. F., 2007 1 月 15, 於: *GLIA*. 55, 2, p. 214-223 10 p.

2006

64. **Early-life fluoxetine exposure reduced functional deficits after hypoxic-ischemia brain injury in rat pups** Chang, Y. C., Tzeng, S. F., Yu, L., Huang, A. M., Lee, H. T., Huang, C. C. & Ho, C. J., 2006 10 月, 於: *Neurobiology of Disease*. 24, 1, p. 101-113, 13 p.
65. **Regulation of microglial activities by glial cell line derived neurotrophic factor** Chang, Y. P., Fang, K. M., Lee, T. I. & Tzeng, S. F., 2006 2 月 15, 於: *Journal of Cellular Biochemistry*. 97, 3, p. 501-511, 11 p.

2005

66. **Experimental spinal cord injury induced an increase of extracellular ascorbic acid concentration in anesthetized rats: A microdialysis study** Tsai, P. J., Chen, W. Y., Tzeng, S. F., Liang, W. M. & Yang, C. S., 2005 12 月, 於: *Clinica Chimica Acta*. 362, 1-2, p. 94-100, 7 p.
67. **Inhibition of lipopolysaccharide-induced microglial activation by preexposure to neurotrophin-3** Tzeng, S. F., Huang, H. Y., Lee, T. I. & Jwo, J. K., 2005 9 月 1, 於: *Journal of Neuroscience Research*. 81, 5, p. 666-676, 11 p.
68. **Pituitary adenylate cyclase-activating polypeptide prevents cell death in the spinal cord with traumatic injury** Chen, W. H. & Tzeng, S. F., 2005 8 月 12, 於: *Neuroscience Letters*. 384, 1-2, p. 117-121, 5 p.
69. **Prostaglandins and cyclooxygenases in glial cells during brain inflammation** Tzeng, S. F., Hsiao, H. Y. & Mak, O. T., 2005 6 月 1, 於: *Current Drug Targets: Inflammation and Allergy*. 4, 3, p. 335-340, 6 p. (Review article)
70. **Tumor necrosis factor- α and interleukin-18 modulate neuronal cell fate in embryonic neural progenitor culture** Liu, Y. P., Lin, H. I. & Tzeng, S. F., 2005 8 月 30, 於: *Brain Research*. 1054, 2, p. 152-158, 7 p.

2004

71. **Design of Microscopy-based Microcontact Printing Stamp and Alignment Device for Patterned Neuronal Growth** Lin, S. P., Chuang, T. L., Chen, J. J. J. & Tzeng, S. F., 2004 3 月, 於: *Journal of Medical and Biological Engineering*. 24, 1, p. 45-50, 6 p.
72. **Neuronal morphological change of size-sieved stem cells induced by neurotrophic stimuli** Tzeng, S. F., Tsai, M. J., Hung, S. C. & Cheng, H., 2004 8 月 26, 於: *Neuroscience Letters*. 367, 1, p. 23-28, 6 p.
-

2003

73. **Downregulation of inducible nitric oxide synthetase by neurotrophin-3 in microglia** Tzeng, S. F. & Huang, H. Y., 2003 10 月 1, 於: *Journal of Cellular Biochemistry*. 90, 2, p. 227-233, 7 p.
74. **Gene transfer of glial cell line-derived neurotrophic factor promotes functional recovery following spinal cord contusion** Tai, M. H., Cheng, H., Wu, J. P., Liu, Y. L., Lin, P. R., Kuo, J. S., Tseng, C. J. & Tzeng, S. F., 2003 10 月 1, 於: *Experimental Neurology*. 183, 2, p. 508-515, 8 p.
75. **Inhibitors of DNA binding in neural cell proliferation and differentiation** Tzeng, S. F., 2003 1 月 1, 於: *Neurochemical Research*. 28, 1, p. 45-52, 8 p.
-

2002

76. **Behavior, neurochemistry and histology after intranigral lipopolysaccharide injection** Hsieh, P. F., Chia, L. G., Ni, D. R., Cheng, L. J., Ho, Y. P., Tzeng, S. F., Chang, M. H. & Hong, J. S., 2002 3 月 4, 於: *NeuroReport*. 13, 3, p. 277-280, 4 p.
77. **Effects of malonate C60 derivatives on activated microglia** Tzeng, S. F., Lee, J. L., Kuo, J. S., Yang, C. S., Murugan, P., Ai Tai, L. & Chu Hwang, K., 2002 6 月 14, 於: *Brain Research*. 940, 1-2, p. 61-68, 8 p.
78. **Neural progenitors isolated from newborn rat spinal cords differentiate into neurons and astroglia** Tzeng, S. F., 2002, 於: *Journal of Biomedical Science*. 9, 1, p. 10-16, 7 p.

79. **Neuroprotection of glial cell line-derived neurotrophic factor in damaged spinal cords following contusive injury** Cheng, H., Wu, J. P. & Tzeng, S. F., 2002 8 月 1, 於: *Journal of Neuroscience Research*. 69, 3, p. 397-405, 9 p.
-

2001

80. **Expression of neural cell adhesion molecule in spinal cords following a complete transection** Tzeng, S. F., Cheng, H., Lee, Y. S., Wu, J. P., Hoffer, B. J. & Kuo, J. S., 2001 1 月 19, 於: *Life Sciences*. 68, 9, p. 1005-1012, 8 p.
81. **Upregulation of the HLH Id gene family in neural progenitors and glial cells of the rat spinal cord following contusion injury** Tzeng, S. F., Bresnahan, J. C., Beattie, M. S. & De Vellis, J., 2001 12 月 15, 於: *Journal of Neuroscience Research*. 66, 6, p. 1161-1172, 12 p.
-

2000

82. **Myelin basic protein (MBP) and MBP peptides are mitogens for cultured astrocytes** South, S. A., Deibler, G. E., Tzeng, S. F., Badache, A., Kirchner, M. G., Muja, N. & De Vries, G. H., 2000 1 月 1, 於: *GLIA*. 29, 1, p. 81-90, 10 p.
83. **Tumor necrosis factor-alpha modulates the proliferation of neural progenitors in the subventricular/ventricular zone of adult rat brain** Wu, J. P., Kuo, J. S., Liu, Y. L. & Tzeng, S. F., 2000 10 月 13, 於: *Neuroscience Letters*. 292, 3, p. 203-206, 4 p.
-

1999

84. **Myelin basic protein and myelin basic protein peptides induce the proliferation of Schwann cells via ganglioside GM1 and the FGF receptor** Tzeng, S. F., Deibler, G. E. & DeVries, G. H., 1999, 於: *Neurochemical Research*. 24, 2, p. 255-260, 6 p.
85. **Responses of microglia and neural progenitors to mechanical brain injury** Tzeng, S. F. & Wu, J. P., 1999 8 月 2, 於: *NeuroReport*. 10, 11, p. 2287-2292,

6 p.

- 86. Tumor necrosis factor- α regulation of the Id gene family in astrocytes and microglia during CNS inflammatory injury** Tzeng, S. F., Kahn, M., Liva, S. & De Vellis, J., 1999 4 月, 於: GLIA. 26, 2, p. 139-152, 14 p.
-

1998

- 87. Id1, Id2, and Id3 gene expression in neural cells during development** Tzeng, S. F. & De Vellis, J., 1998 12 月, 於: GLIA. 24, 4, p. 372-381, 10 p.
-

1997

- 88. Expression and functional role of the Id HLH family in cultured astrocytes** Tzeng, S. F. & De Vellis, J., 1997 6 月, 於: Molecular Brain Research. 46, 1-2, p. 136-142, 7 p.
-

1995

- 89. Exogenous myelin basic protein promotes oligodendrocyte death via increased calcium influx** Tzeng, S. F., Deibler, G. E. & DeVries, G. H., 1995 12 月 15, 於: Journal of Neuroscience Research. 42, 6, p. 768-774, 7 p.
- 90. Two mitogenic regions of myelin basic protein interact with different receptors to induce Schwann cell proliferation in a cAMP dependent process** Tzeng, S. F., Deibler, G. E., Neuberger, T. J. & DeVries, G. H., 1995 12 月 15, 於: Journal of Neuroscience Research. 42, 6, p. 758-767, 10 p.