

\*徐于喬副研究員

所有發表期刊論文及專利

**Patent**

Years	Patent Name	Country	NO.	status
2014	Provisional Application for Patent. EKLF K74R Knock-in non-human animal.	USA	62/044,411.	Revised
2015	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis.	Canada	CA2959522	Revised
2015	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis	EU	EP20150837670	Revised
2015	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis	USA	US15507650	Revised
2015	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis	WIPO	PCT/US2015/047917	Revised
2015	长寿动物模型和延长寿命与抑制肿瘤发生的方法/Animal model of longevity and related methods for increasing longevity and inhibiting tumorigenesis	China	CN201580046914	Revised
2015	寿命に関する動物モデル並びに寿命を延ばす及び腫瘍化を阻害する関連方法	Japan	JP2017511614A	Revised
2015	延長寿命與抑制腫瘤發生的動物模型/ Animal Model of Longevity and Inhibiting Tumorigenesis	Taiwan	TW201619387A	Revised
2016	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis.	Canada	CA2959522A1	Revised
2016	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis	WIPO	WO2016036727A1	Revised
2017	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis	EU	EP3188600A1	Revised
2017	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis	USA	US20170283477A1	Revised
2017	Methods for enhancing lifespan and/or treating cellular proliferative disorders by transplantation	WIPO	PCT/US2017/051310	Revised
2017	长寿动物模型和延长寿命与抑制肿瘤发生的方法/Animal model of longevity and related methods for increasing longevity and inhibiting tumorigenesis	China	CN107072217A	Revised
2017	寿命に関する動物モデル並びに寿命を延ばす及び腫瘍化を阻害する関連方法	Japan	JP2017532013A	Revised
2017	長壽動物模型和延長壽命與抑制腫瘤發生的方法/Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis.	Australia	2015312098	Approved 2018/11/15- 2035/08/31
2017	藉移植增加壽命及/或治療細胞增殖疾病之方法/Methods for Enhancing Lifespan and /or Treating Cellular Proliferative Disorders by Transplantation	Taiwan	TW201812002A	Revised
2018	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis.	Australia	2018211345	Revised
2018	Animal Model of Longevity and Related Methods for Increasing Longevity and Inhibiting Tumorigenesis.	EU	EP3188600A4	Revised
2018	Methods for Enhancing Lifespan and /or Treating Cellular Proliferative Disorders by Transplantation	WIPO	WO2018052964A1	Revised
2019	Methods For Enhancing Lifespan and/or Treating Cellular Proliferative Disorders by Transplantation	Korea	PCT/US2017/051310	Revised

WIPO: World Intellectual Property Organization; EU: European Union

## Publications

- 1) Machado, M.O., Stergiopoulos, V., Maes, M., Kurdyak, P.A., Lin, P.Y., Wang, L.J., **Shyu, Y.C.**, Firth, J., Koyanagi, A., Solmi, M., Alavi, A., Piguat, V. and Carvalho, A.F. (2019) Prevalence of Depression and 1 Anxiety in People with Hidradenitis Suppurativa: Systematic Review and Meta-analysis. *JAMA Dermatology*. Under Review. (SCI; IF=8.107; Dermatology 1/64=1.56%)
- 2) Wei, Y.C., Huang, L.Y., Chen, C.K., Lin, C., **Shyu, Y.C.**, Chen, Y.L., Huang, W.Y. and Lin, C.P. (2019) Subjective Cognitive Decline in the Community Is Affected at Multiple Aspects of Mental Health and Life Quality: A Cross-Sectional Study of the Community Medicine of Keelung Chang Gung Memorial Hospital. *Dementia and Geriatric Cognitive Disorders*. Accepted. (SCI; IF=2.886; Geriatrics & Gerontology 25/53=53.77%)
- 3) Wang, L.J., Lee, S.Y. and **Shyu, Y.C.** (2019) Database studies and the pitfall of imputing complex clinical causality. *Journal of Clinical Psychiatry*. Accepted. (SCI; IF=4.247; Psychiatry 26/142=18.31%)
- 4) **Shyu, Y.C.**, Huang, T.S., Chien, C.H., Yeh, C.T., Lin, C.L. # and Chien, R.N.# (2019) Diabetes poses a higher risk of hepatocellular carcinoma and mortality in patients with chronic hepatitis B: a population-based cohort study. *Journal of Viral Hepatitis*. In Press. (SCI; IF=4.237; Gastroenterology & Hepatology 18/80=22.5%; Infectious Diseases 19/88=21.59%; Virology 10/35=28.57%)
- 5) Wang, L.J., Lee, S.Y., Chou, W.J., Lee, M.J., Tsai, C.S., Lee, T.L., Yang, C.J., Yang, K.C., Chen, C.K. and **Shyu, Y.C.** (2018) Testicular Function After Long-term Methylphenidate Treatment in Boys with Attention-Deficit/Hyperactivity Disorder. *Journal of Child and Adolescent Psychopharmacology*. In Press. (SCI; IF=2.901; Pediatrics 19/124=15.32%; Pharmacology & Pharmacy 100/261=38.31%; Psychiatry 57/142=40.14%)
- 6) Chen, P.H.\*, **Shyu, Y.C.\***, Tsai, M.Y., Lee, S.Y., Yang, K.C., Yang, C.J., Lee T.L. and Wang, L.J. (2018) Correlation between attention-deficit/hyperactivity disorder, its pharmacotherapy, and thyroid dysfunction: A nationwide population-based study in Taiwan. *Clinical Endocrinology*. 89:496-504. \*These two authors contributed equally. (SCI; IF=3.077; Endocrinology & Metabolism 70/143=48.95%)
- 7) Wang, L.J., Lee, S.Y., Chou, M.C., Yang, K.C., Lee, T.L. and **Shyu, Y.C.** (2018) Impact of Drug Adherence on Oppositional Defiant Disorder and Conduct Disorder Among Patients with Attention-Deficit Hyperactivity Disorder. *Journal of Clinical Psychiatry*. 79(5). (SCI; IF=4.247; Psychiatry 26/142=18.31%)
- 8) **Shyu, Y.C.**, Chien, R.N. and Wang, F.B. (2018) Global dynamics of a West Nile virus model in a spatially variable habitat. *Nonlinear Analysis-Real World Applications*. 41(2018):313-333. (SCI; IF=2.012; Mathematics, Applied 28/252=11.11%)
- 9) Yang, C.J., Huang, T.S., Lee, T.L., Yang, K.C., Yuan, S.S., Lu, R.H., Hsieh, C.H. and **Shyu, Y.C.** (2017) Serum Glutamine Levels as a Potential Diagnostic Biomarker in Sepsis following Surgery for Peritonitis. *Chinese Journal of Physiology*. 60(6):320-326 (SCI; IF=0.827; Physiology 75/83=90.36%)
- 10) Shen, Z.Q., Chen, Y.F., Chen, J.R., Jou, Y.S., Wu, P.C., Kao, C.H., Wang, C.H., Huang, Y. L., Chen, C.F., Huang, T.S., **Shyu, Y.C.**, Tsai, S.F., Kao, L.S. and Tsai, T.F. (2017) CISD2 Haploinsufficiency Disrupts Calcium Homeostasis, Causes Nonalcoholic Fatty Liver Disease, and Promotes Hepatocellular Carcinoma. *Cell Reports*. 21(8):2198-2211. (SCI; IF=8.032; cell biology 28/190=14.74%)
- 11) Lee, M.J., Lee, S.Y., Yuan, S.S., Yang, C.J., Yang, K.C., Lee, T.L., Sun, C.C. and **Shyu, Y.C.** #, Wang, L.J.#, (2017) Comorbidity of narcolepsy and depressive disorders: a nationwide population-based study in Taiwan. *Sleep Medicine*. 39:95-100. #Corresponding author (SCI; IF=3.395; clinical Neurology 64/197=32.487%)

- 12) Chien, C.H., Chen, L.W., Lin, C.L., Chang, S.W., **Shyu, Y.C.**, Chen, K.F., Chen, S.W., Hu, C.C., Yu, C.Y. and Chien, R.N., (2017) Unawareness of Hepatitis B Virus Infection confers on Higher Rate of Metabolic Syndrome: A Community-based Study. *Scientific Reports*. 7(1):9869. (SCI; IF=4.122 Multidisciplinary sciences 12/64=18.75%)
- 13) Hálfðánarson, Ó., Zoëga, H., Aagaard, L., Bernardo, M., Brandt, L., Fusté, A.C., Furu, K., Garuoliené, K., Hoffmann, F., Huybrechts, K.F., Kalverdijk, L.J., Kawakami, K., Kieler, H., Kinoshita, T., Litchfield, M., López, S.C., Machado-Alba, J.E., Machado-Duque, M.E., Mahesri, M., Nishtala, P.S., Pearson, S.A., Reutfors, J., Saastamoinen, L.K., Sato, I., Schuiling-Veninga, C. C. M., **Shyu, Y.C.**, Skurtveit, S., Verdoux, H., Wang, L.J., Yahni, C.Z. and Bachmann, C.J., (2017) International trends in antipsychotic use: A study in 16 countries, 2005-2014. *European Neuropsychopharmacology*. 27(10):1064-1076. (SCI; IF=4.129; Clinical Neurology 40/197=20.30%, Neurosciences 67/261=25.67%, Pharmacology & Pharmacy 39/261=14.94%, Psychiatry 29/142=20.42%)
- 14) Bachmann, C.J., Aagaard, L., Bernardo, M., Brandt, L., Cartabia, M., Clavenna, A., Coma Fusté, A., Furu, K., Garuoliené, K., Hoffmann, F., Hollingworth, S., Huybrechts, K.F., Kalverdijk, L.J., Kawakami, K., Kieler, H., Kinoshita, T., López, S C., Machado-Alba, J. E., Machado-Duque, M. E., Mahesri, M., Nishtala, P.S., Piovani, D., Reutfors, J., Saastamoinen, L.K., Sato, I., Schuiling-Veninga, C.C.M., **Shyu, Y.C.**, Siskind, D., Skurtveit, S., Verdoux, H., Wang, L.J., Zara Yahni, C., Zoëga, H. and Taylor, D. (2017) International trends in clozapine use: a study in 17 countries. *ActaPsychiatricaScandinavica*. 136(1):37-51. (SCI; IF=4.984; Psychiatry 20/142=14.08%)
- 15) Wang, W. H., Chen, L. W., Lee, C. C., Sun, C. Y., **Shyu, Y.C.**, Hsu, H. R., Chien, R. N. and Wu, I. W. (2017) Association between parathyroid hormone, 25 (OH) vitamin D, and Chronic Kidney Disease: A population-based study. *BioMed Research International*.2017:7435657. (SCI; IF=2.583; Biotechnology & Applied microbiology 64/160=40%, Medicine research & Experimental 71/133=53.38%)
- 16) Chen, C.Y., Dai, C.S., Lee, C.C., **Shyu, Y.C.**, Huang, T.S., Yeung, L., Sun, C.C., Yang, H.Y. and Wu, I.W. (2017) Association between macular degeneration and mild to moderate chronic kidney disease: a nationwide population-based study. *Medicine*.96(11): e6405. (SCI; IF=2.028; Medicine, General & Internal 56/154=36.36%)
- 17) Cheng, Y.S., **Shyu, Y.C.**, Lee, S.Y., Yuan, S.S., Yang, C.J., Yang, K.C., Lee, T.L. and Wang, L.J. (2017) Trend, characteristics, and pharmacotherapy of adults diagnosed with attention-deficit/hyperactivity disorder: a nationwide survey in Taiwan. *Neuropsychiatric Disease and Treatment*. 13:643-651. (SCI; IF=2.195; Clinical Neurology 118/197=59.9%, Psychiatry 79/142=55.63%)
- 18) Huang, T. S., Lin, C.L., Yeh, C.T., Liang, K.H., Sun, C.C., Lu, M.J., **Shyu, Y.C.**<sup>#</sup>, and Chien, R.N. <sup>#</sup> (2017) Diabetes, Hepatocellular Carcinoma, And Mortality in Hepatitis C-Infected Patients: A Population-Based Cohort Study. *Journal of Gastroenterology and Hepatology*. 32(7):1355-1362. <sup>#</sup> Corresponding author. (SCI; IF=3.483; Gastroenterology & Hepatology 27/80=33.75%)
- 19) Chen, F. P., **Shyu, Y.C.**, Fu, T.S., Sun, C.C., Chao, A.S., Tsai, T.L., Lu, M.J. and Huang, T.S. (2017) Secular trends in incidence and recurrence rates of hip fracture in Taiwan: A nationwide population-based study. *Osteoporosis International*. 28(3):811-818 (SCI; IF=3.856; Endocrinology & Metabolism 40/143=27.97%)
- 20) Wang, L.J., Yang, K.C., Lee, S.Y., Yang, C.J., Lee, T.L., Huang, T.S., Yuan, S.S. and **Shyu, Y.C.** (2016) Initiation and persistence of pharmacotherapy for youths with attention deficit hyperactivity disorder in Taiwan. *PLOS ONE*. 11(8): e0161061 (SCI; IF=2.766; Multidisciplinary Sciences 15/64=23.43%)
- 21) Wang, L.J., Lee, S.Y., Yuan, S.S., Yang, C.J., Yang, K.C., Huang, T.S., Chou, W.J., Chou, M.C., Lee, M.J., Lee, T.L. and **Shyu, Y. C.** (2016) Prevalence rates of youths diagnosed

- with and medicated for ADHD in a nationwide survey in Taiwan from 2000 to 2011. *Epidemiology and Psychiatric Sciences*. 26(6):623-634. (SCI; IF=5.684; Psychiatry 15/142=10.56%)
- 22) **Shyu, Y.C.**, Lee, T.L., Lu, M.J., Chen, J.R., Chien, R.N., Chen, H.Y., Lin, J.F., Tsou, A.P. and Huang, T.S. (2016) miR-122-mediated translational repression of PEG10 and its suppression in human hepatocellular carcinoma. *Journal of Translational Medicine*. 14(1):200. (SCI; IF=4.197; Medicine, Research & Experimental 28/133=21.05%)
  - 23) Huang, C.H. <sup>\*,#</sup>, Hsu, C.C. <sup>\*,#</sup>, Chen, C.P.C., Chow, S.E., Wang, J.S., **Shyu, Y.C.** and Lu, M.J. (2016) Negative pressure induces p120-catenin-dependent adherens junction disassembly in keratinocytes during wound healing. *BiochimBiophysActa-Molecular Cell Research*. 1863(9):2212-2220. \* These two authors contributed equally. #Corresponding author. (SCI; IF=4.651; Biochemistry & Molecular Biology 55/292=18.83%, Cell Biology 58/190=30.52%)
  - 24) **Shyu, Y.C.**, Lee, S.Y., Yuan, S.S., Yang, C.J., Yang, K.C., Lee, T.L. and Wang, L.J. (2016) Seasonal patterns of medications for treating attention-deficit /hyperactivity disorder: comparison of methylphenidate and atomoxetine. *Clinical Therapeutics*. 38(3):595-602. (SCI; IF=3.185; Pharmacology & Pharmacy 81/261=31.03%)
  - 25) Lee, M. J.\* , Yang, K.C.\* , **Shyu, Y.C.**, Yuan, S.S., Yang, C.J., Lee, T.L. and Wang, L.J. (2016) Attention-deficit hyperactivity disorder, its treatment with medication and the probability of developing a depressive disorder: a nationwide population-based study in Taiwan. *Journal of Affective Disorders*. 189:110-117\* These two authors contributed equally. (SCI; IF=3.786; Psychiatry 37/142=26.05%, Clinical Neurology 49/197=24.87%)
  - 26) Wang, L.J., Lee, S.Y., Yuan, S.S., Yang, K.C., Yang, C.J., Lee, T.L. and **Shyu, Y.C.** (2016) Risk of mortality among patients treated with antipsychotic medications: a nationwide population-based study in Taiwan. *Journal of Clinical Psychopharmacology*. 36(1):9-17. (SCI; IF=3.134; Pharmacology & Pharmacy 85/261=32.56%, Psychiatry 50/142=35.21%)
  - 27) Wang, L.J., Lee, S.Y., Yuan, S.S., Yang, C.J., Yang, K.C., Lee, T.L. and **Shyu, Y.C.** (2016) Impact of negative media publicity on attention-deficit /hyperactivity disorder medication in Taiwan. *Pharmacoepidemiology and Drug Safety*. 25(1):45-53. (SCI; IF=2.314; Pharmacology & Pharmacy 145/261=55.5%, Public Environmental & occupational health 66/180=36.66%)
  - 28) Wang, L.J., **Shyu, Y.C.**, Yuan, S. S., Yang, C.J., Yang, K.C., Lee, T.L. and Lee, S.Y. (2016) Attention-deficit hyperactivity disorder, its pharmacotherapy, and the risk of developing bipolar disorder: a nationwide population-based study in Taiwan. *Journal of Psychiatric Research*. 72:6-14. (SCI; IF=4; Psychiatry 31/142=21.83%)
  - 29) **Shyu, Y.C.**, Yuan, S.S., Lee, S.Y., Yang, C.J., Yang, K.C., Lee, T.L. and Wang, L.J. (2015) Attention-deficit/hyperactivity disorder, methylphenidate use and the risk of developing schizophrenia spectrum disorders: a nationwide population-based study in Taiwan. *Schizophrenia Research*. 168(1-2):161-167. (SCI; IF=3.958; Psychiatry 33/142=23.23%)
  - 30) Liu, K. Y., **Shyu, Y.C.**, Brett Barbaro, Lin, Y. T., YijuanChern, Leslie Michels Thompson, Shen, C. K. J. and J. Lawrence Marsh. (2015) Disruption of the nuclear membrane by perinuclear inclusions of mutant huntingtin causes cell-cycle re-entry and striatal cell death in mouse and cell models of Huntington's disease. *Human Molecular Genetics*. 24(6):1602-1616. (SCI; IF=4.902; Genetics & Heredity 31/171=18.13%, Biochemistry & Molecular Biology 53/292=18.15%)
  - 31) Huang, T.S., Huang, S.S., **Shyu, Y.C.**, Lee, C.H., Jwo, S.C., Chen, P.J. and Chen, H.Y. (2014). A procalcitonin-based algorithm to guide antibiotic therapy in secondary peritonitis following emergency surgery: a prospective study with propensity score matching analysis. *PLOS ONE*. 9(3): e90539. (SCI; IF=2.766; Multidisciplinary Sciences 15/64=23.44%)

- 32) **Shyu, Y. C.**<sup>\*,#</sup>, Lee, T.L.<sup>\*</sup>, Chen, X., Hsu, P.H., Wen, S.C., Liaw, Y.W., Huan, L.C., Hwang, J.L., Chen, J.R. and Shen, C. K.J.<sup>#</sup>. (2014) Tight regulation of a timed nuclear import wave of EKLF by PKC $\theta$  and FOE during Pro-E to Baso-E transition. *Developmental cell*. 28(4):409-422. \*These two authors contributed equally. #Corresponding author. (SCI; IF=9.616; Developmental Biology 1/42=2.38%, Cell Biology 17/190=8.94%)
- 33) Huang, T. S., **Shyu, Y.C.**, Yuan, S.S. and Chen, P.J. (2013) Selenium for sepsis: what we have learned so far? *Critical Care Medicine*. 41(11): e396. (SCI; IF=6.63, Critical Care Medicine 5/33=15.15%)
- 34) Huang, T. S., **Shyu, Y.C.**, Chen, H.Y., Yuan, S.S., Shih, J.N. and Chen, P.J. (2013) A systematic review and meta-analysis of adjuvant interferon therapy after curative treatment for patients with viral hepatitis-related hepatocellular carcinoma. *Journal of Viral Hepatitis*. 20(10):729-743. (SCI; IF=4.237 Infectious Diseases 19/88=21.59%, Gastroenterology & Hepatology 18/88=22.5%, Virology 10/35=28.57%)
- 35) Huang, T. S., **Shyu, Y.C.**, Turner Robin, Chen, H.Y. and Chen, P.J. (2013) Diagnostic performance of alpha-fetoprotein, lens culinaris agglutinin-reactive alpha-fetoprotein, des-gamma carboxyprothrombin, and glypican-3 for the detection of hepatocellular carcinoma: a systematic review and meta-analysis protocol. *Systematic Reviews*. 2:37.
- 36) Huang, T. S., **Shyu, Y.C.**, Lin, L.M., Lo, C.Y., Yuan, S.S., Chen, H.Y. and Chen, P.J. (2013) Effect of parenteral selenium supplementation in critically ill patients: a systematic review and meta-analysis. *PLOS ONE*. 8(1): e54431. Recommended by "F1000 Prime". (SCI; IF=2.766; Multidisciplinary Sciences 15/64=23.44%)
- 37) Su, Y. F., **Shyu, Y.C.**, Shen, C.K.J. and Hwang, J.L. (2012) Phosphorylation-dependent sumoylation of the transcription factor NF-E2. *PLOS ONE*. 7(9): e44608. (SCI; IF=2.766; Multidisciplinary Sciences 15/64=23.44%)
- 38) Lee, T. L.<sup>\*</sup>, **Shyu, Y. C.**<sup>\*</sup>, Hsu, P.C., Wen, S.C., Hsiao, W.Y., Chang, C.W., Tsai, M.D. and Shen, C.K.J. (2010) JNK-mediated turnover and stabilization of the transcription factor p45/NF-E2 during differentiation of murine erythroleukemia cells. *Proc Natl Acad Sci U S A*. 107(1):52-57. \* These two authors contributed equally. *Proceedings of the National Academy of Sciences of the United States of America*. (SCI; IF=9.50; Multidisciplinary Sciences 5/64=7.81%)
- 39) Lee, T.L., **Shyu, Y.C.**, Hsu, T.Y. and Shen, C.K.J. (2008) Itch regulates p45/NF-E2 in vivo by Lys63-linked ubiquitination. *Biochemical and Biophysical Research Communications*. 375(3):326-330. (SCI; IF=2.559; Biophysics 35/72=48.61%, Biochemistry & Molecular Biology 171/292=58.56%)
- 40) Lee, T.L., Wen, S.C., Hsiao, W.Y., Shen, C.K.J. and **Shyu, Y.C.** (2009) Self-regulation of mouse p45/NF-E2 during murine erythroleukemia cell differentiation. *Zoological Studies*. 48(3): 362-369. (SCI; IF=1.054; Zoology 89/166=53.61%)
- 41) **Shyu, Y.C.**, Lee, T. L., Wen, S.C., Chen, H., Hsiao, W.Y., Chen, X., Hwang, J.L. and Shen, C.K.J. (2007) Subcellular transport of EKLF and switch-on of murine adult beta maj globin gene transcription. *Molecular and Cellular Biology*. 27(6):2309-2323. (SCI; IF=3.813; Biochemistry & Molecular Biology 85/292=29.11%, Cell Biology 76/190=40%)
- 42) **Shyu, Y.C.**, Wen, S.C., Lee, T.L., Chen, X., Hsu, C.T., Chen, C., Chen, R.L., Hwang, J.L. and Shen, C. K. J. (2006) Chromatin-binding *in vivo* of the Erythroid Kruppel-Like Factor, EKLF, in the murine globin loci. *Cell Research*. 16(4):347-355. (SCI; IF=15.393; Cell Biology 9/189=4.76%)
- 43) **Shyu, Y.C.**, Lee, T.L., Ting, C.Y., Wen, S.C., Hsieh, L.J., Li, Y.C., Hwang, J.L., Lin, C.C. and Shen, C.K. J. (2005) Sumoylation of p45/NF-E2: nuclear positioning and transcriptional activation of the mammalian beta-like globin gene locus. *Molecular and Cellular Biology*. 25(23):10365-10378. Recommended by "Faculty of 1000". (SCI; IF=4.398; Biochemistry & Molecular Biology 67/286=23.08%)

- 44) **Shyu, Y. C.** and Lin, F.P. (1999) Cloning and characterization of manganese superoxide dismutase gene from *Vibrio parahaemolyticus* and application to preliminary identification of *Vibrio* strains. *IUBMB Life*. 48: 345-352. (SCI; IF=3.236; Biochemistry & Molecular Biology 119/292=40.75%, Cell Biology 101/190=53.15%)
- 45) **Shyu, Y.C.**, Chiu, C.C. and Lin, F.P. (1999) Cloning, sequencing, expression and characterization of the manganese superoxide dismutase gene from *Vibrio alginolyticus*. *Biochemistry and Molecular Biology International*. 47(5): 803-814. (SCI; IF=3.143; Cell Biology 102/184=55.4%)
- 46) Chu, Y.W., Yang, P.C., Yang, S.C., **Shyu, Y.C.**, Hendrix, M.J.C., Wu, R. and Wu, C.W. (1997) Selection of invasive and metastatic subpopulations from a human lung adenocarcinoma cell line. *Am. J. Respir. Cell. Mol. Biol.* 17:353-360. (SCI; IF=4.100; Cell Biology 67/189=35.45%)