

所長的話

本所成立於民國 79 年，乃中山醫學大學第一個設立的研究所，扮演著推動本校醫學研究之承先啟後以及繼往開來的使命。成立之初只招收碩士班，於 87 年更獲肯定開始招收第一屆博士班，成為國內結合臨床醫學及基礎醫學研究之重鎮，仍為中部地區之醫學博士班搖籃。竭誠歡迎各界對基礎、臨床研究有志者加入我們的行列，共同為台灣醫學研究之發展而努力。



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三、經 歷：

中山醫學大學 特色領域研究中心主任 (2012/08-2018/07)

中山醫學大學 貴重儀器室主任 (2010/08-2012/07)

四、專長

- 癌症酵素學
- 分子檢驗學
- 分子生物學

五、學術著作目錄

1. Chang YC, **Yang SF**, Hsieh YS*. Regulation of matrix metalloproteinase-2 production by cytokines and pharmacological agents in human pulp cell cultures. *Journal of Endodontics* 2001; 27: 679-682. (SCI)

2. Chiang WL, Chu SC, Lai JC, **Yang SF**, Chiou HL, Hsieh YS*. Alternations in quantities and activities of erythrocyte cytosolic carbonic anhydrase isoenzymes in glucose-6-phosphate dehydrogenase deficiency individuals. *Clinica Chimica Acta* 2001; 314: 195-201. (SCI)
3. Chang YC, Lai CC, **Yang SF**, Chan Y, Hsieh YS*. Stimulation of matrix metalloproteinase by black-pigmented *Bacteroides* in human pulp and periodontal ligament cells cultures. *Journal of Endodontics* 2002; 28: 90-93. (SCI)
4. Chang YC, **Yang SF**, Tai KW, Chou MY, Hsieh YS*. Increased tissue inhibitor of metalloproteinase-1 expression and inhibition of gelatinase A activity in buccal mucosal fibroblasts by arecoline as possible mechanisms for oral submucous fibrosis. *Oral Oncology* 2002; 38: 195-200. (SCI)
5. Chang YC, **Yang SF**, Lai CC, Liu JY, Hsieh YS*. Regulation of matrix metalloproteinase production by cytokines, pharmacological agents and periodontal pathogens in human periodontal ligament fibroblast cultures. *Journal of Periodontal Research* 2002; 37: 196-203. (SCI)
6. Chou FP, Chu SC, Cheng MC, **Yang SF**, Cheung WN, Chiou HL, Hsieh YS*. Effect of hemodialysis on the plasma level of type IV collagenases and their inhibitors. *Clinical Biochemistry* 2002; 35: 383-388. (SCI)
7. Chiang WL, Chu SC, Yang SS, Li MC, Lai JC, **Yang SF**, Chiou HL, Hsieh YS*. The aberrant expression of cytosolic carbonic anhydrase and its clinical significance in human non-small cell lung cancer. *Cancer Letters* 2002; 188: 199-205. (SCI)
8. Kuo WH, **Yang SF**, Chu SC, Lu SO, Chou FP*, Hsieh YS*. Differential inductions of matrix metalloproteinase-2 and -9 in host tissues during the growth of ascitic sarcoma 180 cells in mice. *Cancer Letters* 2003; 189: 103-112. (SCI)
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10. Chang YC, **Yang SF**, Huang FM, Liu CM, Tai KW, Hsieh YS*. Proinflammatory cytokines induce cyclooxygenase-2 mRNA and protein expression in human pulp cell cultures. *Journal of Endodontics* 2003; 29: 201-204. (SCI)
11. **Yang SF**, Hsieh YS, Tsai CH, Chou MY, Chang YC*. The upregulation of type I plasminogen activator inhibitor in oral submucous fibrosis. *Oral Oncology* 2003; 39: 367-372. (SCI)
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13. **Yang SF**, Hsieh YS, Huang FM, Yang LC, Chang YC*. Effect of black-pigmented bacteria on the plasminogen-plasmin system in human pulp and osteoblastic cells. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontics* 2003; 95: 621-625. (SCI)
14. Tsai CH, Hsieh YS, **Yang SF**, Chou MY, Chang YC*. Matrix metalloproteinase 2 and matrix metalloproteinase 9 expression in human oral squamous cell carcinoma and the effect of protein kinase C inhibitors: preliminary observations. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontics* 2003; 95: 710-716. (SCI)
15. Kuo WH, Chiang WL, **Yang SF**, Yeh KT, Yeh CM, Hsieh YS, Chu SC*. The differential expression of cytosolic carbonic anhydrase in human hepatocellular carcinoma. *Life Science* 2003; 73: 2211-2223. (SCI)
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- gelatinase B in gouty arthritis of the knee. *Clinica Chimica Acta* 2004; 339: 77-83. (SCI)
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- in septic arthritis of the knee. *Clinical Orthopaedics and Related Research* 2006; 447: 172-178. (SCI)
47. Liu SC, Yang SF, Yeh KT, Yeh CM, Chiou HL, Lee CY, Chou MC*, Hsieh YS*. Relationships between the level of matrix metalloproteinase-2 and tumor size of breast cancer. *Clinica Chimica Acta* 2006; 371: 92-96. (SCI)
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 53. Hsiao YC, Hsieh YS, Kuo WH, Chiou HL, Yang SF, Chiang WL, Chu SC*. The tumor-growth inhibitory activity of flavanone and 2'-OH flavanone *in vitro* and *in vivo* through induction of cell cycle arrest and suppression of cyclins and CDKs. *Journal of Biomedical Science* 2007; 14: 107-119. (SCI)
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 58. Ni WF, Tsai CH, Yang SF, Chang YC*. Elevated expression of NF-kappaB in oral submucous fibrosis - Evidence for NF-kappaB induction by safrole in human buccal mucosal fibroblasts. *Oral Oncology* 2007; 46: 557-562. (SCI) (2007.07)
 59. Hsu CG, Wang PH, Ko JL, Chen GD, Chang H, Yang SF, Chen SC, Lin LY*. Concurrent high expression of human telomerase reverse transcriptase and human nonmetastatic clone 23 in high-grade squamous intraepithelial neoplasia and squamous cell carcinoma of uterine cervix *International Journal of Gynecological Cancer* 2007; 17: 851-857. (SCI) (2007.07-08)

60. Tsai CH, **Yang SF**, Chang YC*. The upregulation of cystatin C in oral submucous fibrosis. *Oral Oncology* 2007; 43: 680-685. (SCI)
61. Lai TJ, Hsu SF, Li TM, Hsu HC, Lin JG, Hsu CJ, Chou MC, Lee MC, **Yang SF**, Fong YC*. Alendronate inhibits cell invasion and MMP-2 secretion in human chondrosarcoma cell line. *Acta Pharmacologica Sinica*. 2007; 28: 1231-1235. (SCI) (2007.08)
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65. Hsieh YS, **Yang SF**, Chiou HL, Kuo DY*. Roles of central catecholamine and hypothalamic neuropeptide Y genome in the development of tolerance to phenylpropanolamine-mediated appetite suppression. *Behavioral Neuroscience* 2007; 121: 933-940. (SCI)
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70. Hsieh YS, **Yang SF**, Chu SC, Kuo DY*. Transcript of protein kinase A knock down modulates feeding behavior and neuropeptide Y gene expression in phenylpropanolamine-treated rats. *Physiological Genomics* 2007; 31: 306-314. (SCI) (2007.10)
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74. **Yang SF**, Hsieh YS, Lue KH, Chu SC, Chang IC, Lu KH*. Effects of nonsteroidal antiinflammatory drugs on expression of urokinase plasminogen activator and inhibitor and gelatinases in the early osteoarthritic knee of humans. *Clinical Biochemistry* 2008; 41: 109-116. (SCI) (2008.01) IF: 2.076 ; Ranking: 11/32: 34.38 %
75. Chu SC, **Yang SF**, Lue KH, Hsieh YS, Li TJ, Lu KH*. Naproxen, meloxicam and methylprednisolone inhibit urokinase plasminogen activator and inhibitor and gelatinases expression during the early stage of osteoarthritis. *Clinica Chimica Acta* 2008; 387: 90-96. (SCI) (2008.01) IF: 2.535 ; Ranking: 6/32: 18.75 %
76. Weng CJ, Chau CF, Hsieh YS, **Yang SF**, Yen GC*. Lucidenic acid inhibits PMA-induced invasion of human hepatoma cells through inactivating MAPK/ERK signal transduction pathway and reducing binding activities of NF-kappaB and AP-1. *Carcinogenesis* 2008; 29: 147-156. (SCI) (2008.01) IF: 5.702 ; Ranking: 24/196: 12.24 %
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78. **Yang SF**, Yang WE, Kuo WH, Chang HR, Chu SC, Hsieh YS*. Antimetastatic potentials of flavones on oral cancer cell via an inhibition of matrix-degrading proteases. *Archive of Oral Biology* 2008; 53: 287-294. (SCI) (2008.03) IF: 1.603 ; Ranking: 29/81: 35.80 %
79. Wang PH, Ko JL, Tsai HT, **Yang SF**, Han CP, Lin LY*, Chen GD*. Clinical significance of matrix metalloproteinase-2 in cancer of uterine cervix: a semiquantitative study of immunoreactivities using tissue array. *Gynecologic Oncology* 2008; 108: 533-542. (SCI) (2008.03) IF: 3.888 ; Ranking: 4/79: 5.06 %
80. Huang FM, **Yang SF**, Chang YC*. Up-regulation of gelatinases and tissue type plasminogen activator by root canal sealers in human osteoblastic cells. *Journal of Endodontics* 2008; 34: 291-294. (SCI) (2008.03) IF: 2.880 ; Ranking: 7/81: 8.64 %
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84. **Yang SF**, Yang WE, Chang HR, Chu SC, Hsieh YS*. Luteolin induces apoptosis in oral squamous cancer cells. *Journal of Dental Research* 2008; 87: 401-406. (SCI) (2008.04) IF: 3.486 ; Ranking: 3/81: 3.70 %
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- neuropeptide Y-mediated feeding behavior in freely moving rats. *Journal of Neurochemistry* 2008; 105: 1438-1449. (SCI) (2008.05) IF: 4.061 ; Ranking: 59/244: 24.18 %
86. Lee SS, Yang SF, Tsai CH, Chou MC, Chou MY, Chang YC*. Upregulation of Heme Oxygenase-1 Expression in Areca-quid-chewing-associated Oral Squamous Cell Carcinoma. *Journal of the Formosan Medical Association* 2008; 107: 355-363. (SCI) (2008.05) IF: 1.132 ; Ranking: 78/155: 50.32 %
 87. Lee SA, Tsai HT, Ou HC, Han CP, Tee YT, Chen YC, Wu MT, Chou MC, Wang PH*, Yang SF*. Serum interleukin-1 β , -6, -8, and tumor necrosis factor alpha as highly informative markers of pelvic inflammatory disease. *Clinical Chemistry and Laboratory Medicine* 2008; 46: 997-1003. (SCI) (2008.07) IF: 2.150 ; Ranking: 10/32: 31.25 %
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 91. Tsai HT, Wang PH, Tee YT, Lin LY, Hsieh YS*, Yang SF*. Imbalance serum concentration between cathepsin B and cystatin C in patients with pelvic inflammatory disease. *Fertility and Sterility* 2009; 91: 549-555. (SCI) (2009.02) IF: 4.295 ; Ranking: 4/78: 5.13 %
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