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經 歷	2001/03-2006/07	高雄長庚紀念醫院醫學研究部助理研究員			
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國際期刊	2008	<i>The Open Orthopaedics Journal</i> (ISSN:1874-3250)			
編輯委員	2008	<i>Acta Pharmacologica Sinica</i> (ISSN:1671-4083)			
SCI 期刊	2005 至今	<i>Bone</i>			
審稿委員	2005 至今	<i>Acta Pharmacologica Sinica</i>			
	2007	<i>Journal of Vascular Research</i>			
		<i>Clinical Chemical Acta</i>			
	2006-2007	<i>Nitric Oxide</i>			
	2006	<i>Biochemie Biophysic Acta</i>			
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國內外研究機構	2006-至今	行政院國家科學委員會生物處			

計畫審查委員	2006-2007 2006	長庚醫學研究計畫審核評估委員會 香港研究資助局(Research Grants Council Hong Kong)
獎勵	2007	2007 臺灣蛋白質體學國際年會論文金牌獎
近三年研究計畫 補助	2005/08 至今 (三年期) 2005/01-至今 (三年期) 2006/09 至今 2003/08-2005/07 (二年期)	調控 Wnt, SFRP1 及 GSK-3 訊息延緩類固醇引發骨 質疏鬆及脂肪細胞分化(計畫主持人；國科會補助) 震波延緩卵巢切除動物骨質流失之細胞及分子機 轉研究 (子計畫主持人；國家衛生研究院補助) 股骨頭缺血性壞死與再生之蛋白質體學研究 (計畫主持人；長庚紀念醫院補助) 持續氧化氮釋放延緩卵巢切除動物骨質流失之細胞 及分子機轉研究(計畫主持人；國科會補助)

Curriculum Vitae

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Editorial Board Member	2008 <i>The Open Orthopaedics Journal</i> (ISSN: 1874-3250) 2008 <i>Acta Pharmacologica Sinica</i> (ISSN:1671-4083)
Reviewer of Scientific Journals	2005-present <i>Bone, Acta Pharmacologica Sinica</i> 2007 <i>Journal of Vascular Research, Biochemie Biophysic Acta, Nitric Oxide, Clinical Chemical Acta,</i> 2006 <i>Journal of Orthopaedic Research</i>
Reviewer of Research Institutes	2006-2007 National Science Council, Taiwan 2007 Chang Gung Memorial Hospital, Taiwan 2006 Research Grants Council Hong Kong
Research Grants	2002-present National Science Council, Taiwan 2004-present Chang Gung Memorial Hospital, Taiwan 2005-2007 National Health Research Institute, Taiwan 2002-2004 National Health Research Institute, Taiwan
Award	2007 Gold Award of Poster Presentation, Annual Taiwan Proteomic Society International Conference 2007, Taiwan

Bibliography (2003-present)

A. Refereed papers (Wang FS*: Correspondence author)

1. Wang FS, Huang CC, Yeh SW, Ke HC, Ko JY. MicroRNA-29a (miR-29a) regulation of Dickkopf-1 inhibits bone formation activity in glucocorticoid-stressed osteoblasts. Submitted to *Journal of Bone and Mineral Research* (SCI, impact factor: 6.635).
2. Wang FS, Ko JY, Yeh DW, Wu SL, Ke HC. Proteome regulation of osteoblast function mediates glucocorticoid induction of bone loss. Submitted to *Arthritis & Rheumatism* (SCI, impact factor: 7.721)
3. Wang FS, Ko JY, Wang CJ, Wu SL. Comparative serum proteomic expression of osteonecrosis of the femoral head in adults. *Bone* (In revision)
4. Lin CL, Wang CY, Huang YT, Huang HC, Wang FS*. Superoxide destabilization β -catenin augments apoptosis of high glucose-stressed mesangial cells. *Endocrinology* 2008 (In press; SCI, Impact factor: 5.236).
5. Wang FS, Ko JY, Ke HJ, Ye DW, Wu SL. Modulation of Dickkopf-1 attenuates glucocorticoid induction of osteoblast apoptosis, adipocytic differentiation and bone mass loss. *Endocrinology* 2008 (In press. SCI, Impact factor: 5.236).
6. Ko JY, Wang FS, Huang HY, Wang CJ, Tseng SL, Hsu C. Increased IL-1 β expression and myofibroblast recruitment in subacromial bursa is associated with rotator cuff lesion with shoulder stiffness. *Journal of Orthopaedic Research* 2007 (In press; equal contribution with the first author; SCI impact factor 2.784).
7. Wang CJ, Wang FS*, Ko JY, Huang HY, Chen CJ, Sun YC, Yang YJ. Extracorporeal shock wave shows regeneration in hip necrosis. *Rheumatology* 2008 (In press; SCI; Impact factor 4.052).
8. Wang CJ, Wang FS, Yang KD, Huang CC, Lee MS, Chan YS, Wang JW, Ko JY.

- Treatment of osteonecrosis of the hip: comparison of extracorporeal shock wave with shockwave and alendronate. *Arch Orthopedic Trauma Surgery* 2008 (In press, SCI; Impact factor 0.793).
9. Kuo YR, Wu WS, Hsieh YL, **Wang FS**, Wang CT, Chiang YC and Wang CJ. Extracorporeal shock wave enhances extended skip flap tissue survival via increase topical blood perfusion and associated with suppression of tissue pro-inflammation. *Journal of Surgical Research* 2007; 143:385-392 (SCI; Impact factor 2.038).
 10. Kuo YR, Wu WS, **Wang FS**. Flashlamp pulsed dye laser suppresses TGF- β 1 expression and proliferation in cultured keloid fibroblasts is mediated by MAPK pathway. *Laser in Surgery and Medicine* 2007;39:358-364 (SCI; Impact factor 2.077).
 11. **Wang FS***, Ko JY, Lin CL, Ke HJ, Tai PJ. Knocking down Dickkopf-1 alleviates estrogen deficiency induction of bone loss. A histomorphological study in ovariectomized rats. *Bone* 2007;40:485-492 (SCI impact factor: 3.829).
 12. Lin CL, Wang CY, Huang YT, Huang HC, **Wang FS***. Wnt/ β -catenin signaling modulates survival of high glucose-stressed glomerular mesangial cells. *Journal of American Society of Nephrology* 2006;27:2812-2820 (SCI; Impact factor 7.371).
 13. Lin PC, Wang CJ, Yang KD, **Wang FS**, Ko JY, Huang CC. Extracorporeal shockwave treatment of osteonecrosis of the femoral head in systemic lupus erythematosus. *Journal of Arthroplasty* 2006; 21:911-915 (SCI; Impact factor 1.806).
 14. Wu WS, **Wang FS**, Yang KD, Huang CC, Dacks JM, Kuo YR. Dexamethasone induction of keloid regression through effective suppression of VEGF expression and keloid fibroblast proliferation. *Journal of Investigative Dermatology* 2006;126:1264-1271 (SCI; Impact factor 4.535).
 15. Lin CL, **Wang FS***, Kuo YR, Huang YT, Huang HC, Sun YC, Kuo YH. Ras

- modulation of superoxide activates ERK-dependent fibronectin expression in diabetes-induced renal injuries *Kidney International* 2006;69:1593-1560 (SCI; Impact factor 4.773).
16. Wang CJ, **Wang FS**, Yang KD, Weng LH, Ko JY. Long-term results of shock wave treatment for plantar fasciitis. *American Journal of Sport Medicine* 2006;34:592-596 (SCI; Impact factor 2.694).
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 18. Huang HC, Tai FY, **Wang FS**, Liu CA, Hsu TY, Ou CY, Yang KD. Correlation of augmented IL-8 production to premature chronic lung disease: implication of posttranscriptional regulation. *Pediatric Research* 2005;58:216-221 (SCI; Impact factor 2.619).
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 20. **Wang FS**, Lin CL, Wang CJ, Chen YJ, Yang KD, Huang YT, Huang HC, Sun YC. Secreted Frizzled-related Protein 1 (SFRP1) modulates glucocorticoid attenuation of osteogenic activities and bone mass. *Endocrinology* 2005;146:2415-2423 (SCI; Impact factor 5.236).
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biomechanical study in rabbits. *Journal of Orthopaedic Research* 2005;23:274-280 (SCI; Impact factor 2.784).

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28. Wang CJ, Yang KD, **Wang FS***, Hsu CC, Chen HH. Shock wave treatment shows dose-dependent enhancement in bone mass and bone strength after fracture of the femur in rabbit. *Bone* 2004;34:225-230 (SCI; Impact factor 3.829)

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34. Chen YJ, Kuo YR, Yang KD, Wang CJ, Huang HC, **Wang FS***. Shock wave application enhances pertussis toxin-sensitive bone formation of segmental femoral defect in rats. *Journal of Bone and Mineral Research* 2003;18:2169-2179 (SCI; Impact factor 6.635).
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38. **Wang FS** 2003. Effect of antimicrobial proteins from porcine leukocytes on *Staphylococcus aureus* and *Escherichia coli* in comminuted meats. *Meat Science*. 65:615-621 (SCI; Impact factor 1.840).

B. Abstracts in Conference

1. **Wang FS**, Ko JY, Yen DW, Wu HL, Ke HC. Proteome regulation of osteoblast function mediates glucocorticoid induction of osteoporosis. Annual Taiwan Proteomic Society International Conference 2007, Tainan Taiwan (Gold Award of Poster Presentation).
2. **Wang FS**, Jo JY, Wu HL. Comparative serum proteome of osteonecrosis of the femoral head in adults. Annual Taiwan Proteomic Society International Conference 2007, Tainan Taiwan.
3. **Wang FS**, Ko JY, Wang CJ. Bone with the Wnt. The therapeutic potential for bone mass. Annual Meeting of Taiwan Orthopedic Surgery 2007, Linko, Taiwan.
4. **Wang FS**, Wang CJ, Ke HC, Wu HL. Is orthopedic shockwave beneficial for alleviating bone mass loss? A histomorphological and biomechanical study in experimental animals. Annual Meeting of Taiwan Orthopedic Surgery 2007, Linko, Taiwan.
5. **Wang FS**, Yang KD, Wang CJ, Ko JY. Wnt inhibitor Dickkopf-1 modulates fate

of mesenchymal progenitor cells in adult skeletal tissue remodeling. International Symposium on Stem Cell and Regenerative Medicine, 2006, Taipei, Taiwan

6. **Wang FS**, Lin CL, Chen YJ, Yang KD, Huang YT, Sun YC, Huang HC 2005 Secreted frizzled-related protein 1 (SFRP1) regulates mesenchymal stem cell differentiation toward osteogenic or adipogenic lineage. In Proceeding of the Annual Meeting of International Bone and Mineral Society, Geneva, Switzerland.