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重要經歷:	<p>2010~至今：臺北榮民總醫院骨科部契約高級助理研究員 (Senior Research Assistant Fellow, Department of Orthopedics and Traumatology, TVGH)</p> <p>2014~至今：教育部定國立陽明大學傳統醫藥學研究所兼任助理教授 (National Yang-Ming University, Institute of Traditional Medicine, Assistant professor)</p> <p>2008~2010：國立陽明大學臨床醫學研究所博士後研究 (National Yang-Ming University, Institute of Clinical Medicine, Post doctor research fellow)</p> <p>2006~2008：中央研究院生物醫學所博士後研究 (Academia Sinica, Institute of Biomedical Science, Post doctor research fellow)</p> <p>2000-2006：國立陽明大學傳統醫藥學研究所碩博士 (National Yang-Ming University, School of Medicine, Institute of Traditional Medicine, doctor)</p> <p>1996-2000：國立台灣大學農藝學系學士 (National Taiwan University, Department of Agronomy)</p>			
研究方向: (關鍵詞)	Tumor, stem cell, cell therapy, bone diseases, herbal medicine			
五年內代表著作:	<ol style="list-style-type: none"> <li>1. Yang YH, Wen CS, Kuo YL, Fu SL, Lin TY, Chen CM, Wu PK, Chen WM, <b>Wang JY*</b>. GuiLu-ErXian Glue extract promotes mesenchymal stem cells (MSC)-Induced chondrogenesis via exosomes release and delays aging in the MSC senescence process. J Ethnopharmacol. 2023 Dec 5;317:116784.</li> <li>2. <b>Wang JY</b>, Tsai YF, Wang TH, Wang SJ. Relieving patent-eligibility barriers in biotech with a preparation or treatment method. Nat Biotechnol. 2022 May; 40(5):651-653. (IF=68.164; 2/159)</li> <li>3. <b>Wang JY</b>, Chen CM, Chen CF, Wu PK, Chen WM. Suppression of estrogen receptor alpha inhibits cell proliferation, differentiation and enhances the chemosensitivity of P53-positive U2OS osteosarcoma cell. Int. J. Mol. Sci. 2021, 22, 11238. (IF=6.208; 69/297)</li> <li>4. <b>Wang JY</b>, Chen CF. Heparanase-1 facilitates bone remodeling on bone defect animal model with optimal dosage and treatment duration. J Chin Med Assoc. 2020;83(9):799-800. (IF=2.743; 62/167)</li> <li>5. Chen KL, Chen CM, Chen YC, <b>Wang JY</b>, Chen CF, Wu PK, Chen WM. Freezing nitrogen ethanol composite reduces periprosthetic infection caused by Staphylococcus aureus contaminated metal implants: An animal study. J Chin Med Assoc. 2023 Feb 1;86(2):227-232.</li> </ol>			

<p>五年內代表著作:</p>	<ol style="list-style-type: none"> <li>6. Chen CM, Chen CF, <b>Wang JY</b>, Chen TH, Wu PK, Chen WM. Patella cryo-free technique with recycled frozen autograft reconstruction preserves extensor mechanism for proximal tibial malignancy. <i>J Chin Med Assoc.</i> 2022 Apr 1;85(4):453-461.</li> <li>7. Madda R, Chen CM, Chen CF, <b>Wang JY</b>, Wu HY, Wu PK, Chen WM. Analyzing BMP2, FGFR, and TGF Beta Expressions in High-Grade Osteosarcoma Untreated and Treated Autografts Using Proteomic Analysis. <i>Int J Mol Sci.</i> 2022 Jul 3;23(13):7409.</li> <li>8. Chiu LC, <b>Wang JY</b>, Lin CH, Hsu CH, Lin LC, Fu SL. Diterpenoid Compounds Isolated from <i>Chloranthus oldhamii</i> Solms Exert Anti-Inflammatory Effects by Inhibiting the IKK/NF-<math>\kappa</math>B Pathway. <i>Molecules.</i> 2021 Oct 29;26(21):6540.</li> <li>9. Chen CM, Chen YC, <b>Wang JY</b>, Chen CF, Chao KY, Wu PK, Chen WM. A Cryoprotectant-Gel Composite Designed to Preserve Articular Cartilage during Frozen Osteoarticular Autograft Reconstruction for Malignant Bone Tumors: An Animal-Based Study. <i>Cartilage.</i> 2022 Jul-Sep;13(3):19476035221109228.</li> <li>10. Chen YT, Chuang YH, Chen CM, <b>Wang JY</b>, Wang J. Development of hybrid scaffolds with biodegradable polymer composites and bioactive hydrogels for bone tissue engineering. <i>Biomater Adv.</i> 2023 Oct;153:213562.</li> <li>11. Madda R, Chen CM, Chen CF, <b>Wang JY</b>, Wu PK, Chen WM. Effect of Cryoablation Treatment on the Protein Expression Profile of Low-Grade Central Chondrosarcoma Identified by LC-ESI-MS/MS. <i>J Am Soc Mass Spectrom.</i> 2021 Jun 2;32(6):1469-1489.</li> <li>12. Madda R, Chen CM, Chen CF, <b>Wang JY</b>, Wu PK, Chen WM. Exploring the Proteomic Alterations from Untreated and Cryoablation and Irradiation Treated Giant Cell Tumors of Bone Using Liquid-Chromatography Tandem Mass Spectrometry. <i>Molecules.</i> 2020.16;25(22):5355</li> <li>13. Wang PH, Wu CL, Chen CM, <b>Wang JY</b>, Wu PK, Chen WM. Adjuvant therapy by high-speed burr may cause intraoperative bone tumor seeding: an animal study. <i>BMC Musculoskelet Disord.</i> 2020. 31;21(1):507</li> <li>14. Chiu JH, Tseng LM, Huang TT, Liu CY, <b>Wang JY</b>, Huang CP, Tsai YF, Hsu CY. MEGF11 is related to tumour recurrence in triple negative breast cancer via chemokine upregulation. <i>Sci Rep.</i> 2020; 15;10(1):8060.</li> <li>15. Madda R, Chen CM, <b>Wang JY</b>, Chen CF, Chao KY, Yang YM, Wu HY, Chen WM, Wu PK. Proteomic profiling and identification of significant markers from high-grade osteosarcoma after cryotherapy and irradiation. <i>Sci Rep.</i> 2020;10(1):2105.</li> </ol>
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