

泌尿科研究室

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➤ 學歷

學 校	系(所)	學 位
長庚大學	醫學系	醫學士

➤ 經歷

服務機關	職 稱	期 間
義大醫院	泌尿科主治醫師	2016/11-
義大醫院	泌尿科住院醫師	2011/08 – 2016/11
密西根泌尿手術品質改善計畫	研究員	2009/03-2010/02

➤ 學術專長 (選)

1. 一般泌尿學
2. 泌尿腫瘤學
3. 腹腔鏡微創手術
4. 腎臟移植

➤ 研究室簡介

1. 前列腺癌藥物治療與臨床治療之應用。
2. 賀爾蒙抵抗性前列腺癌治療機轉與藥物開發。
3. 原位膀胱癌動物模式與臨床治療之應用。
4. 腎臟移植動物模式建立與移植藥物開發。
5. 膀胱灌注藥物控釋劑型開發。
6. 膀胱癌基因治療在體研究。

➤ 研究室成員

1. 林嘉祥 副院長/教授/醫師
2. 余燦榮 國際長/教授/醫師
3. 張立青 教授
4. 吳俊賢 醫師
5. 麥倖嘉 醫師
6. 黃維倫 醫師
7. 謝佩坊
8. 劉靜雯

➤ 實驗室設備與研究技術 (選)

1. 蛋白質電泳
2. 轉漬設備
3. 高效能液相層析儀

➤ 近五年研究計畫

計畫名稱	補助單位	執行時間
探討 Rutin 於抗雄性激素抗性攝護腺癌之作用機制及臨床價值 [NCKUEDA11310]	成大義大合作計畫	2024.01.01-2024.12.31
分泌載體膜蛋白三與表皮生長因子受體激酶底物八/表皮生長因子受體在	義大醫院院內計畫	2024.01.01-2024.12.31
探討 Neuregulin-1 透過調控細胞衰老在賀爾蒙抵抗性前列腺癌細胞抗藥性發展中的作用 [EDAHP-112027]	義大醫院院內計畫	2023.01.01-2023.12.31
探討丹參有效物質於攝護腺癌調控與治療之機轉 [EDCHP-112013]	義大醫院院內計畫	2023.01.01-2023.12.31
建構桌球優秀選手競技生、心理指標與運動表現之研究 [MOST 111-2635-H-390-002]	科技部	2022.08.01-2023.07.31
研究毛蕊花苷對賀爾蒙抵抗性前列腺癌細胞衰老現象及調節機制計畫 [EDAHP-111053]	義大醫院院內計畫	2022.01.01-2022.12.31
探討 epidermal growth factor receptor kinase substrate 8(EPS8)於攝護腺癌抗藥性機制形成與腫瘤發展中所扮演的角色 [109-2314-B-650-013-MY2]	科技部	2020.08.01-2022.07.31
利用深度學習自動分類暨標記超音波乳房腫瘤影像之研究 [110-2118-M-214-001]	科技部	2021.08.01-2022.07.31
探討與鑑定攝護腺癌中造成荷爾蒙抗藥性的相關機制 [NCKUEDA10906]	成大義大合作計畫	2020.01.01-2020.12.31
探討連翹活性物質 Phillyrin 於前列腺癌調節或治療上的角色 [KAFGH_A_109026]	國軍醫院合作計畫	2020.01.01-2020.12.31
探討 Rutin 於攝護腺癌調控與治療之機轉 [EDAHP109047]	義大醫院院內計畫	2020.01.01-2020.12.31
探討紅景天活性物質透過 miRNA 對於膀胱癌治療的機制 [EDAHP108033]	義大醫院院內計畫	2019.03.01-2020.02.29

➤ 近五年研究成果

【#共同第一作者(equal contribution); *通訊作者(Corresponding author)】

1. The Regulatory Role of Nuclear Respiratory Factor 1 in Bladder Cancer Cells. *Anticancer Research*. 2023, 43(4), Pages 1521-1531
2. Does Obesity Affect the Outcomes of Clinically Localized Prostate Cancer in the Era of Extraperitoneal Robot-Assisted Radical Prostatectomy? *Urological Science*., 2022, 33(3), Pages 136-144
3. Nuclear Respiratory Factor 1 Overexpression Inhibits Proliferation and Migration of PC3 Prostate Cancer Cells. *Cancer Genomics & Proteomics*. 2022, 19(5), Pages 614-623
4. Does the Timing of Performing Robot-assisted Radical Prostatectomy after Prostate Biopsy Affect the Outcome? *Urological Science*. 2022, 33(2), Pages 63-69
5. Small interfering RNA targeting N-cadherin regulates cell proliferation and migration in enzalutamide-resistant prostate cancer. *Oncology Letters*. 2022, 23(3), Pages 90
6. External validation of Solomon–Greenwell nomogram for female bladder outlet obstruction. *Neurourology and Urodynamics*.
7. Using R.E.N.A.L. Nephrometry and Preoperative Aspects and Dimensions Employed for Anatomical Classification to Evaluate Perioperative Outcomes of Renal Tumors Greater than 4 cm in Patients Who Underwent Minimally Invasive Partial Nephrectomy in a Single Center. *Urological Science*. 2021, 32(1), Pages 15-22
8. Verbascoside inhibits the epithelial-mesenchymal transition of prostate cancer cells through high-mobility group box 1/receptor for advanced glycation end-products/TGF- β pathway. *Environmental Toxicology*. 2021, 36(6), Pages 1080-1089
9. Role of MRI for the detection of prostate cancer. *World Journal of Urology*. 2021, 39(3), Pages 637-649
10. Surgical and Functional Outcomes of Robotic-assisted Radical Prostatectomy in Patients with Previous Transurethral Resection of the Prostate. *Urological Science*. 2020, 31(6), Pages 267-272
11. Using video review to understand the technical variation of robot-assisted radical prostatectomy in a statewide surgical collaborative. *World Journal of Urology*. 2020, 38(7), Pages 1607-1613
12. Yuan-Chin Tsai, Shu-Pin Huang, Wei-Chung Cheng, Yu-Ching Fan, Ya-Ching Lin, Shin-Yu Tsai, Chao-Yuan Huang, Chia-Cheng Yu, Victor C Lin, Jiun-Hung Geng, Chia-Yang Li, Te-Ling Lu, Bo-Ying Bao, "Identifying the role of MTHFD1L in prostate cancer progression from genetic analysis and experimental validation.", *American Journal of Cancer Research*., vol. 14, no. 1, pp. 169-181, 2024.01
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15. Sih Han Chen, Chun Hsien Wu, Richard Chen Yu Wu, Hsing Chia Mai, Victor C Lin, "Oncologic and Renal Function Outcomes of Segmental Ureterectomy versus Radical Nephroureterectomy for

- Urothelial Carcinoma of the Ureter.", *Urological Science.(Urological Science)*, vol. 34, no. 2, pp. 80-85, 2023.06
16. Lih-Chyang Chen, Shu-Pin Huang, Chieh-Tien Shih, Chia-Yang Li, Yei-Tsung Chen, Chao-Yuan Huang, Chia-Cheng Yu, Victor C Lin, Cheng-Hsueh Lee, Jiun-Hung Geng, Bo-Ying Bao, "ATP8B1: A prognostic prostate cancer biomarker identified via genetic analysis. ", *Prostate.*, vol. 83, no. 6, pp. 602-611, 2023.05
 17. Huang SP, Chen LC, Chen YT, Lee CH, Huang CY, Yu CC, **Lin VC**, Lu TL, Bao BY. PTBP1 Genetic Variants Affect the Clinical Response to Androgen-deprivation Therapy in Patients With Prostate Cancer. *Cancer Genomics Proteomics*. 2021 May-June. 18(3):325-334. (SCI IF: 4.069)
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 19. Wang SH, Huang SP, Pan YJ, Hsiao PC, Li CY, Chen LC, Yu CC, Huang CY, **Lin VC**, Lu TL, Bao BY. Association between the polygenic liabilities for prostate cancer and breast cancer with biochemical recurrence after radical prostatectomy for localized prostate cancer. *American Journal of Cancer Research*. 2021 May 15. 11(5):2331-2342. (SCI IF: 6.166)
 20. Chun-Hsien Wu, Chung-Hsien Chen, Pei-Fang Hsieh, Yen-Hsi Lee, Wade Wei-Ting Kuo, Richard Chen-Yu Wu, Chih-Hsin Hung, Yu-Lin Yang, **Victor C. Lin. (Correspondence)** Verbascoside inhibits the epithelial-mesenchymal transition of prostate cancer cells through high-mobility group box 1/receptor for advanced glycation end-products/TGF- β pathway. *Environmental Toxicology*. 2021 Jun. 36(6):1080-1089. (SCI IF: 3.118)
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 25. Sih-Han Chen, Chun-Hsien Wu, Richard Chen-Yu Wu, Wade Wei-Ting Kuo, Yen-Hsi Lee, Ryh-Chyr Li, Yung-Yao Lin, Victor Chia-Hsiang Lin, "Surgical and Functional Outcomes of Robotic-assisted

- Radical Prostatectomy in Patients with Previous Transurethral Resection of the Prostate.", *Urological Science.*, vol. 31, no. 6, pp. 267-272, 2020.12
26. Chien-Chih Ke, Lih-Chyang Chen, Chia-Cheng Yu, Wei-Chung Cheng, Chao-Yuan Huang, Victor C Lin, Te-Ling Lu, Shu-Pin Huang, Bo-Ying Bao, "Genetic Analysis Reveals a Significant Contribution of CES1 to Prostate Cancer Progression in Taiwanese Men.", *Cancers.*, vol. 12, no. 5, pp. 1346, 2020.05
 27. Chia-Cheng Yu, Lih-Chyang Chen, Chao-Yuan Huang, Victor Chia Hsiang Lin, Te-Ling Lu, Cheng-Hsueh Lee, Shu-Pin Huang, Bo-Ying Bao, "Genetic association analysis identifies a role for ANO5 in prostate cancer progression.", *Cancer Medicine.*, vol. 9, no. Issue7, pp. 2372-2378, 2020.04
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