

Curriculum Vitae

Name : 陳 建 綸 Chien-Lun Chen, M.D., Ph.D.

Education : (Date, Name of Medical or Dental School, Location)

<u>DEGREE</u>	<u>YEAR</u>	<u>INSTITUTION</u>	<u>DISCIPLINE</u>
M. D.	1994	Kaoushing Medical College, Taiwan	Medicine
Resident	1994-1995	Chang Gung Hospital, Taiwan	Surgery
	1996-2000	Chang Gung Hospital, Taiwan	Urology
Ph. D.	2000-2007	Graduate Institute, Clinical Medical Science , Chang Gung University, Taiwan	Science
Fellow	2002-2004	Johns Hopkins Hospital, USA	Urology
Attending	2000 ~	Chang Gung Memorial Hospital, Taiwan	Urology
Director	2010 ~2016	Chang Gung Memorial Hospital, Taiwan	Geriatric Urology
Assist. Prof.	2008~2014	Chang Gung University	
Assoc. Prof.	2015~present	Chang Gung University	

Professional Affiliations : (Medical Organizations or Societies)

台灣外科醫學會會員
台灣泌尿腫瘤醫學會會員
台灣男性學醫學會會員
台灣雷射光電醫學會會員
台灣泌尿科醫學會會員(TUA)
美國泌尿科醫學會會員(AUA)
歐洲泌尿科醫學會會員(EAU)
國際泌尿科醫學會會員(SIU)

Academic and Administrative Experience

擔任林口長庚醫院高齡泌尿科主任 (2010~2016)
教育部部定副教授 (2015~)
長庚大學醫學院兼任副教授 (2015~)
林口長庚紀念醫院最優教師 (102 年度)

Bibliography :

A. Publications :

1. **Chen CL**, Huang ST, Chang PL, Ng KF. Adrenal ganglioneuroma: report of five cases. Chang Gung medical journal. 2000;23(9):550-554.
2. **Chen CL**, Sung J, Cohen M, et al. Valproic acid inhibits invasiveness in bladder cancer but not in prostate cancer cells. The Journal of pharmacology and experimental therapeutics. 2006;319(2):533-542.
3. Lee SH, Chang PL, Chen SM, **Chen CL** et al. Synchronous primary carcinomas of the bladder and prostate. Asian journal of andrology. 2006;8(3):357-359.

4. Shen BY, Chang PL, Lee SH, **Chen CL**, Tsui KH. Complications following combined transrectal ultrasound-guided prostate needle biopsies and transurethral resection of the prostate. *Archives of andrology*. 2006;52(2):123-127.
5. Xia Q, Sung J, Chowdhury W, **Chen CL** et al. Chronic administration of valproic acid inhibits prostate cancer cell growth in vitro and in vivo. *Cancer research*. 2006;66(14):7237-7244.
6. **Chen CL**, Tsui KH, Lin CY, Chang PL, Tang P, Yung BY. Can probability of genetic mutation be an indicator of clinical relevance? *Genomics* 2007;90(6):746-750.
7. Hoti N, Li Y, **Chen CL**, et al. Androgen receptor attenuation of Ad5 replication: implications for the development of conditionally replication competent adenoviruses. *Molecular therapy: the journal of the American Society of Gene Therapy*. 2007; 15(8):1495-1503.
8. Tsui KH, Chen SM, Wang TM, **Chen CL** et al. Comparisons of voided urine cytology, nuclear matrix protein-22 and bladder tumor associated antigen tests for bladder cancer of geriatric male patients in Taiwan, China. *Asian journal of andrology*. 2007;9(5):711-715.
9. Hsu YC, Tsui KH, **Chen CL**, Lee SH, Wu YS, Chang PL. Web-based clinical pathway for reducing practice variations in radical prostatectomy. *Chang Gung medical journal* 2008;31(6):567-575.
10. Tsui KH, Juang HH, Lee TH, Chang PL, **Chen CL**, Yung BY. Association of nucleophosmin/B23 with bladder cancer recurrence based on immunohistochemical assessment in clinical samples. *Acta pharmacologica Sinica* 2008;29(3):364-370.
11. Lee SH, Chen SM, Ho CR, Chang PL, **Chen CL**, Tsui KH. Risk factors associated with transrectal ultrasound guided prostate needle biopsy in patients with prostate cancer. *Chang Gung medical journal*. 2009; 32(6):623-627.
12. Chen YT, **Chen CL**, Chen HW, et al. Discovery of novel bladder cancer biomarkers by comparative urine proteomics using iTRAQ technology. *J Proteome Res*. 2010;9(11):5803-5815.
13. Hou CP, Chang PL, **Chen CL**, Lin YH, Tsui KH. Does adequate bladder cuff excision impact outcomes in patients undergoing nephroureterectomy for upper tract urothelial carcinoma. *Chang Gung medical journal*. 2011; 34(5):496-505.
14. Lin YH, **Chen CL**, Hou CP, Chang PL, Tsui KH. A comparison of androgen deprivation therapy versus surgical castration for patients with advanced prostatic carcinoma. *Acta pharmacologica Sinica*. 2011; 32(4):537-542.
15. **Chen CL**, Lai YF, Tang P, et al. Comparative and targeted proteomic analyses of urinary microparticles from bladder cancer and hernia patients. *J Proteome Res*. 2012;11(12):5611-5629.
16. Chen YT, Chen HW, Domanski D, **Chen CL** et al. Multiplexed quantification of 63 proteins in human urine by multiple reaction monitoring-based mass spectrometry for discovery of potential bladder cancer biomarkers. *Journal of proteomics* 2012.
17. **Chen CL**, Lin TS, Tsai CH, et al. Identification of potential bladder cancer markers in urine by abundant-protein depletion coupled with quantitative proteomics. *Journal of proteomics* 2013;85:28-43.

- 18.Hou CP, Chen TY, Chang CC, **Chen CL** et al. Use of the SF-36 quality of life scale to assess the effect of pelvic floor muscle exercise on aging males who received transurethral prostate surgery. *Clinical interventions in aging* 2013;8:667-673.
- 19.Hou CP, Lin YH, **Chen CL**, Chang PL, Tsui KH. Clinical outcome of primary small cell carcinoma of the urinary bladder. *OncoTargets and therapy* 2013;6:1179-1185.
- 20.Lee WC, Lin YH, Hou CP, **Chen CL** et al. Prostatectomy using different lasers for the treatment of benign prostate hyperplasia in aging males. *Clinical interventions in aging* 2013;8:1483-1488.
- 21.Lin YH, Chen YJ, Lai CS, **Chen CL** et al. A negative-pressure-driven microfluidic chip for the rapid detection of a bladder cancer biomarker in urine using bead-based enzyme-linked immunosorbent assay, *Biomicrofluidics* 2013;7(2):24103.
- 22.Shao IH, Hou CP, Chen SM, **Chen CL** et al. The safety and efficacy of aspirin intake in photoselective vaporization laser treatment of benign prostate hyperplasia. *Clinical interventions in aging* 2013;8:265-269.
- 23.Chen HC, Chen YT, Tsai RY, **Chen CL** et al. A sensitive and selective magnetic graphene composite-modified polycrystalline-silicon nanowire field-effect transistor for bladder cancer diagnosis, *Biosensors & bioelectronics* 2014; 66c:198-207.
- 24.Chung PJ, Chi LM, **Chen CL**, et al. MicroRNA-205 targets tight junction-related proteins during urothelial cellular differentiation. *Molecular & cellular proteomics: MCP*. 2014; 13(9):2321-2336.
- 25.Hou CP, **Chen CL**, Lin YH, et al. Prostatic urethral angle might be a predictor of treatment efficacy of alpha-blockers in men with lower urinary tract symptoms. *Drug design, development and therapy* 2014; 8:937-943.
- 26.Juo CG, **Chen CL**, Lin ST, et al. Mass accuracy improvement of reversed-phase liquid chromatography/electrospray ionization mass spectrometry based urinary metabolomic analysis by post-run calibration using sodium formate cluster ions. *Rapid communications in mass spectrometry: RCM*. 2014; 28(16):1813-1820.
- 27.Peng J, Chen YT, **Chen CL**, Li L. Development of a universal metabolome-standard method for long-term LC-MS metabolome profiling and its application for bladder cancer urine-metabolite-biomarker discovery. *Analytical chemistry* 2014;86(13):6540-6547.
- 28.Shao IH, Lin YH, Hou CP, **Chen CL** et al. Risk factors associated with ineligibility of adjuvant cisplatin-based chemotherapy after nephroureterectomy. *Drug design, development and therapy* 2014; 8:1985-1990
- 29.Yang PS, Hsu YC, Lin YH, **Chen CL** et al. The expression sequence tag is an effective method for screening DNA segments that predict urinary bladder transitional cell carcinoma prognosis. *OncoTargets and therapy* 2014; 7:1777-1781
- 30.**Chen CL**, Chung T, Wu CC, et al. Comparative Tissue Proteomics of Microdissected Specimens Reveals Novel Candidate Biomarkers of Bladder Cancer. *Molecular & cellular proteomics: MCP*. 2015; 14(9):2466-2478.

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32. Hou CP, Lin YH, Hsieh MC, **Chen CL** et al. Identifying the variables associated with pain during transrectal ultrasonography of the prostate. *Patient Prefer Adherence*. 2015; 9:1207-1212.
33. Hou CP, Lin YH, Hsu YC, **Chen CL**, Chang PL, Tsui KH. Using a Harmonic Scalpel "Drilling and Clamping" Method to Implement Zero Ischemic Robotic-assisted Partial Nephrectomy: An Observation Case Report Study. *Medicine (Baltimore)* 2016; 95 (3):e2349.
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36. Lin YH, Hou CP, Chen TH, **Chen CL**, et al. Is diabetes mellitus associated with clinical outcomes in aging males treated with transurethral resection of prostate for bladder outlet obstruction: implications from Taiwan Nationwide Population-Based Cohort Study. *Clin Interv Aging* 2017;12:535-541.
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43. Chen, Y.-T.; Huang, H.-C.; Hsieh, Y.-J.; Fu, S.-H.; Li, L.; **Chen CL**, et al. Targeting amine- and phenol-containing metabolites in urine by dansylation isotope labeling and liquid chromatography mass spectrometry for

- evaluation of bladder cancer biomarkers. Journal of food and drug analysis 2019, 27 (2), 460-474.
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B. Book Chapters

1. **Chien-Lun Chen** Doctoral thesis: Beyond Sequence Fidelity – Roles of Population Genetics and Epigenetics in Bladder Cancer Genome and Our Treatment Strategy. Jan. 2008. Graduate Institute, Clinical Medical Science, Chang Gung University, Taiwan
2. Yi-Ting Chen, Carol E. Parker, Hsiao-Wei Chen, **Chien-Lun Chen**, Dominik Domanski, Derek S. Smith, Chih-Ching Wu, Ting Chung, Kung-Hao Liang, Min-Chi Chen, Yu-Sun Chang, Christoph H. Borchers, and Jau-Song Yu. "A Pipeline that Integrates the Discovery and Verification Studies of Urinary Protein Biomarkers Reveals Candidate Markers for Bladder Cancer". Royal Society of Chemistry (RSC) 2013, **0**, 271-314. **ISBN: 978-1-84973-422-6**.