

*陳妙芬醫師

所有發表期刊論文

1. **Chen MF**, Chen WC*, Leung WM, Chang PL, Chu SH, Chuang CK, Liaw CC, Lin YC, Wu JD and Hong JH: The treatment of prostate cancer by conventional radiation therapy – a 14 years experience in Chang Gung Memorial Hospital. *Therapeutic Radiology and Oncology*, Vol. 5, No. 4, 233-243.
2. Chang YK., Pai PC, **Chen MF**, Tang SG, Chang JT, Hong JH, Tsang NM: Treatment of nasopharyngeal carcinoma with unusual histological features. *Therapeutic Radiology and Oncology*, Vol. 7, No. 4, 259-265.
3. **Chen MF**, Chen WC, Wu CT, Chuang CK, Chang JT*: Contemporary management of penile cancer including surgery and adjuvant radiotherapy: an experience in Taiwan. *World Journal of Urology* 2004; 22: 60-66
4. **Chen MF**, Chang JT, Tsang NM, Chen WC*: The role of radiotherapy in the treatment of early stage glottic cancer. *Annals of otology, rhinology & laryngology*, 2003, 10: 904-911
5. Chen WC, Liaw CC, Chuang CK, **Chen MF**, Chen CS, Lin PY, Chang PL, Chu SH, Wu CT, Hong JH*. Concurrent cisplatin, 5-fluorouracil, leucovorin and radiotherapy for invasive bladder cancer. *Int J of Radiat. Oncol. Biol. Phys.* 2003, 56 (3):726-733
6. Kuo LC, Jeng SC, Yu CY, **Chen MF**, Chen WC*. The dose calculation program for high-energy photon and electron beams in AAPM's TG-51 protocol. *Therapeutic Radiology and Oncology*, Vol. 10, No. 1, 45-52, March 2003
7. **Chen MF**, Wu CT, Chen YJ, Keng PC, Chen WC. Cell killing and radiosensitization by caffeic acid phenethyl ester (CAPE) in lung cancer cells. *J of Radiat Research*, 45, 253-260, 2004
8. **Chen MF**, Keng PC, Lin PY, Liao SK, Wu CT, Chen WC*. Differential effects of caffeic acid phenethyl ester for normal lung and lung cancer treated with irradiation: in vitro and in vivo study. *BMC Cancer*, 2005;5:158
9. Chen WC, McBride WH, Chen SM, Lee KF, Hwang TZ, Jung SM, Shau H, Liao SK, Hong JH, **Chen MF***. Prediction of poor survival by cyclooxygenase-2 in patients with T4 nasopharyngeal cancer treated by radiation therapy: clinical and in vitro studies. *Head Neck* 2005; 27:503-512
10. **Chen MF**, Keng PC, Shau H, Wu CT, Hu YC, Liao SK, Chen WC*. Inhibition of lung tumor growth and augmentation of radiosensitivity by decreasing peroxiredoxin I expression. *Int J Radiat Oncol Biol Phys* 2006; 64: 581-91
11. **Chen MF**, Lin CT, Chen WC, Yang CT, Chen CC, Liao SK, Liu JM, Lu CH,

- Lee KD*. The sensitivity of human mesenchymal stem cells to ionizing radiation. **Int J Radiat Oncol Biol Phys** 2006; 66: 244-253
12. **Chen MF**: Molecular mechanisms involved in the radiosensitivities of normal and cancer cells. **PhD thesis**, Graduate Institute of Clinical Medical Sciences, Chang Gung University, Taoyuan, Taiwan, June 2006
13. **Chen MF***, Chen WC, Wu CT, Lin PY, Shau H, Liao SK, Yang CT, Lee KD. P53 status is a major determinant of the effects of decreasing peroxiredoxin I expression on tumor growth and response of lung cancer cells to treatment. **Int J Radiat Oncol Biol Phys**, 2006; 66: 1461-1472
14. **Chen MF**, Tseng CJ, Tseng CC, Kuo YC, Yu CY, Chen WC*. Clinical outcome in post-hysterectomy cervical cancer patients treated with concurrent cisplatin and intensity-modulated pelvic radiotherapy: comparison with conventional radiotherapy. **Int J Radiat Oncol Biol Phys**, 2007; 67: 1438-1444
15. Wu CT, Chen WC, Liao SK, Hsu CL, Lee KD, **Chen MF***. The radiation response for hormone-resistant prostate cancer induced by long-term hormone therapy. **Endocrine-Related Cancer**, 2007;14:633-645
16. Wu CS, **Chen MF**, Lee IL, Tung SY. Predictive role of nuclear factor- κ B activity in gastric cancer: A promising adjuvant approach with caffeic acid phenethyl ester. **J of Clinical Gastroenterology**, 2007; 41:894-900
17. **Chen MF***, Fang FM, Lu CH, Lu MS, Chen WC, Lee KD, Lin PY. Significance of nuclear accumulation of Foxo3a in esophageal squamous cell carcinoma. **Int J Radiat Oncol Biol Phys**, 2008, 71:1220-1229
18. **Chen MF**, Tseng CJ, Tseng CC, Kuo YC, Yu CY, Chen WC*. Adjuvant concurrent chemoradiotherapy with intensity-modulated pelvic radiotherapy after surgery for high-risk, early stage cervical cancer patients. **Cancer J**, 2008,14(3):200-206
19. Chen WC, Hwang TZ, Wang WH, Lu CH, Chen CC, Chen CM, Weng HH, Lai CH, **Chen MF***. Comparison between conventional and intensity-modulated post-operative radiotherapy for stage III and IV oral cavity cancer in terms of treatment results and toxicity. **Oral Oncol**. 2009, 45: 505-510
20. Kuo CN, Yang LC, Yang CT, **Chen MF**, Lai CH, Chen YH, Chen CH, Chen CH, Wu PC, Kou HK, Tsai JC, Hung CH. A Novel Vector System for Gene Transfer into the Cornea Using a Partially Dried Plasmid Expressing 18 Basic Fibroblast Growth Factor-Synthetic Amphiphile INTERaction-18 (SAINT-18) Complex. **Current Eye Research**, 33 (10): 839 – 848
21. Lee KD, Chen SC, Chan CH, Lu CH, Chen CC, Lin JT, **Chen MF**, Huang SH, Yeh CM, Chen MC. Increased risk for second primary malignancies in women

with breast cancer diagnosed at young age: a population-based study in Taiwan.

Cancer Epidemiol Biomarkers Prev. 2008, 17(10):2647-55

22. Kuo CN, Yang LC, Yang CT, Lai CH, **Chen MF**, Chen CY, Chen CH, Wu PC, Kou HK, Chen YJ, Hung CH, Tsai CB. Inhibition of corneal neovascularization with plasmid pigment epithelium-derived factor (p-PEDF) delivered by synthetic amphiphile INTERaction-18 (SAINT-18) vector in an experimental model of rat corneal angiogenesis. **Exp Eye Res.** 2009;89(5):678-85

23. Yang CT*, Li JM, Weng HH, Li YC, **Chen MF**. Adenovirus-mediated transfer of siRNA against survivin enhances the radiosensitivity of human non-small cell lung cancer cells. **Cancer Gene Therapy** 2010,17(2):120-30

24. Lai CH, Chen WC, Hwang TZ, Wang WH, Lu CH, Chen CC, Chen CM, Weng HH, **Chen MF*** Comparison between pre-operative short course radiotherapy and long course chemoradiotherapy in patients with locally advanced rectal cancers.

Therapeutic Radiology and Oncology; 2009,16: 165-177.

25. Wu CT, Chen WC, Lin PY, Liao SK, **Chen MF*** Androgen deprivation modulates the inflammatory response induced by irradiation. **BMC Cancer.** 2009,9:92

26. **Chen MF***, Lee KD, Lu MS, Chen CC, Hsieh MJ, Liu YH, Lin PY, Chen WC. The predictive role of E2-EPF ubiquitin carrier protein in esophageal squamous cell carcinoma. **J Mol Med.** 2009, 87: 307-320

27. Chen CC, Chen WC, Lu CH, Wang WH, Lin PY, Lee KD, **Chen MF*** Significance of IL-6 signaling in pharyngeal cancer in its resistance to irradiation and the EGFR inhibitor. **Int J Radiat Oncol Biol Phys,** 2010;76(4):1214-24

28. Lia CH, **Chen MF**, Hung CH, Liu KC, Wang WH, Chen WC*. The impact of dynamic parotid volume changes and body weight loss on dose distributions for patients with nasopharyngeal cancer receiving intensity-modulated radiation therapy. **Therapeutic Radiology and Oncology,** Vol. 17, No. 2: 113-123, June 2010

29. **Chen MF**, Lee KD, Yeh CH, Chen WC, Huang WS, Chin CC, Lin PY, Wang JY*. The role of peroxiredoxin I in rectal cancer and related to p53 status. **Int J Radiat Oncol Biol Phys,** 2010;78(3):868-78.

30. **Chen MF***, Chen WC, Lai CH, Hung CH, Liu KC, Cheng YH. Predictive factors of radiation-induced skin toxicity in breast cancer patients. **BMC Cancer.** 2010 Sep 23;10:508.

31. **Chen MF**, Chen WC, Chang YJ, Wu CF, Wu CT*. Role of DNA methyltransferase 1 in hormone-resistant prostate cancer. **J Mol Med.** 2010; 88(9):953-62

32. Chen CC, Chen WC, Lu CH, Wang WH, Lin PY, Lee KD, **Chen MF*** Role of DNA methyltransferase 1 in pharyngeal cancer related to treatment resistance. **Head Neck**, 2011; 33(8):1132-43.
33. Wu CT, Wu CF, Lu CH, Lin CC, Chen WC, Lin PY, **Chen MF*** Expression and function role of DNA methyltransferase 1 in human bladder cancer. **Cancer**, 2011;117(22):5221-33.
34. Lin YC, Hung MS, Lin CK, Li JM, Lee KD, Li YC, **Chen MF**, Chen JK, Yang CT*. CK2 inhibitors enhance the radiosensitivity of human non-small cell lung cancer cells through inhibition of stat3 activation. **Cancer Biother Radiopharm**. 2011;26(3):381-8.
35. Chen PT, Kuan FC, Huang CE, **Chen MF**, Huang SH, Chen MC, Lee KD*. Incidence and Patterns of Second Primary Malignancies Following Oral Cavity Cancers in a Prevalent Area of Betel-nut Chewing: A Population-based Cohort of 26 166 Patients in Taiwan. **Jpn J Clin Oncol**. 2011;41(12):1336-43.
36. Wang WH, Lin YC, Chen WC, **Chen MF**, Chen CC, Lee KF. Detection of Mucosal Recurrent Nasopharyngeal Carcinomas after Radiotherapy with Narrow-Band Imaging Endoscopy. **Int J Radiat Oncol Biol Phys**. 2012;83(4):1213-9.
37. **Chen MF**, Lu MS, Chen PT, Chen WC, Lin PY, Lee KD*. Role of interleukin 1 beta in esophageal squamous cell carcinoma **J Mol Med**. 2012; 90(1):89-100
38. Yeh CH, **Chen MF***, Lai CH, Huang WS, Lee SP, Chen WC. Comparison of treatment results between surgery alone, preoperative short-course radiotherapy, or long-course concurrent chemoradiotherapy in locally advanced rectal cancer. **Int J Clin Oncol**. 2011; *in press*
39. **Chen MF**, Wang WH, Lin PY, Lee KD, Chen WC*. Significance of the TGF-beta1-IL-6 axis in oral cancer. **Clin Sci**. 2012; 122(10):459-72
40. **Chen MF***, Lu MS, Lin PY, Chen PT, Chen WC, Lee KD. Role of DNA methyltransferase 3b in esophageal squamous cell carcinoma. **Cancer**, 2012;118(16):4074-8941. Wu CT, Hsieh CC, Lin CC, Chen WC, Hong JH, **Chen MF***. Significance of IL-6 in the transition of hormone-resistance prostate cancer and the induction of myeloid derived suppressor cells. **J Mol Med**. 2012, *in press*
42. Chen WC, Lai CH, Lee TF, Hung CH, Liu KC, Tsai MF, Wang WH, Chen H, Fang FM, **Chen MF***. Scintigraphic assessment of salivary function after intensity-modulated radiotherapy for head and neck cancer: Correlations with parotid dose and quality of life. **Oral Oncology**. 2012; *in press*
43. **Chen MF***, Hsieh CC, Chen WC, Lai CH. Role of Interleukin-6 in the Radiation

Response of Liver Tumors. Int J Radiat Oncol Biol Phys. 2012 *in press*

*: Correspondence author

‡: Co-correspondence author

#: equal contribution