

Curriculum Vitae

Name : Kwan-Hwa Chi

Sex : Male

Birth date : May 8, 1956

Birth place : Taiwan

Marrital status : Married, 2 children



Education and Trainings:

1. National Yang-Ming Medical College, 1975-82, MD
2. Service in Army of Republic of China, 1982-1984.
3. Resident, Cancer Center, Veterans General Hospital-Taipei, 1984-1989.
4. Medical Oncology Training Program fellow, Institute of Bio-Medical Science, Academia Sinica, 1987-1989.
5. University of Wisconsin-Madison, 1990/10-1992/03, Clinical Fellow.

Academic Appointment:

1. Chief, Section of Chemotherapy, Cancer Center, Veterans General Hospital-Taipei. 1995-
2. Associated professor, School of Medicine, National Yang-Ming University. 1995-2004/02
3. Chief, Section of Radiation Oncology, Cancer Center, Veterans General Hospital-Taipei. 1998-2003/09
4. Chairman, Radiation Therapy and Oncology, Shin Kong Wu Ho-Su Memorial Hospital. 2003/10-.
5. Professor, School of Medicine, National Yang-Ming University. 2004/03-.
6. President, Taiwan Society of Hyperthermic Oncology. 2011/10-.
7. Professor, Institute of Veterinary Clinical Science, school of Veterinary Medicine, National Taiwan University. 2015/10-.

Professional Licences:

1. Specialist Licensure in Radiation Oncology, ROC, 1989.
2. Board certification of Medical Oncology, ROC, 1990.
3. Board certification of Hospice Palliative Medicine, 2002.

Membership in Scientific Societies

1. Committee Member of Chinese Medicine, DOH, 2002- 2004/10
2. Member of Chinese Society for Therapeutic Radiology and Oncology, Secretary General of Therapeutic Radiology and Oncology.
3. Member of Chinese Oncology Society.
4. Member of Chinese Society of Clinical Oncology.
5. Member of American Association of Cancer Research.
6. Member of American Society of Clinical Oncology.
7. Member of Taiwan Society of Hyperthermic Oncology.
8. Council Member Asian Society of Hyperthermic Oncology.

Honors and Awards

1. Student representative of National Yang Ming Medical College, 1976
2. Teaching Award of Veterans General Hospital-Taipei, 1993
3. Medical Innovation Award of Veterans General Hospital-Teipei, 1994
4. Best Annual Paper Award of Veterans General Hospital-Taipei, 1996
5. Research Award, National Science Council, ROC, 1999, 2001

Brief introduction

Kwan-Hwa Chi is professor and section chief on Radiation Therapy & Oncology of National Yang-Ming University and Shin-Kong Memorial Hospital, Taipei, Taiwan. He graduated from Nation Yang-Ming medial college 1982 and received his radiation oncology resident training in Veterans General Hospital Taipei, and have a joint fellowship training program of medical oncology during that period. He was one of the very few physicians who had Taiwan board certification from those two modalities. He had been a in house research fellow at Comprehensive Cancer Center, University of Wisconsin, Madison, USA in 1991-1993. He was actively involved in field of clinical oncology and basic research since then. He has been sections chief of chemotherapy and section chief of radiation oncology in Taipei Veterans General Hospital. He moved to current position after professorship granted in 2003. He is currently active involved in the research on tumor microenvironment, radio and chemosensitizer, immunotherapy and heperthermia besides clinical work. He is now president of Taiwan Society of Hyperthermic Oncology. He was in the editorial board of "Frontiers Radiation Oncology" and he is an active member of AACR, ASCO. He has been invited speakers at may meetings and symposiums.

Publications (Nearly five years 2016-2012)

2016

1. Rotolo F, Pignon JP, Bourhis J, Marguet S, Leclercq J, Tong Ng W, Ma J, Chan AT, Huang PY, Zhu G, Chua DT, Chen Y, Mai HQ, Kwong DL, Soong YL, Moon J, Tung Y, Chi KH, Fountzilas G, Zhang L, Hui EP, Lee AW, Blanchard P, Michiels S; MAC-NPC Collaborative Group. Surrogate End Points for Overall Survival in Loco-Regionally Advanced Nasopharyngeal Carcinoma: An Individual Patient Data Meta-analysis. *J Natl Cancer Inst.* 2016 Dec 7;109(4). pii: djw239. Print 2017 Apr
2. Ribassin-Majed L, Marguet S, Lee AW, Ng WT, Ma J, Chan AT, Huang PY, Zhu G, Chua DT, Chen Y, Mai HQ, Kwong DL, Cheah SL, Moon J, Tung Y, Chi KH, Fountzilas G, Bourhis J, Pignon JP, Blanchard P. What Is the Best Treatment of Locally Advanced Nasopharyngeal Carcinoma? An Individual Patient Data Network Meta-Analysis. *J Clin Oncol.* 2016 Dec 5;JCO2016674119.
3. Yang KL, Huang CC, Chi MS, Chiang HC, Wang YS, Hsia CC, Andocs G, Wang HE, Chi KH. In vitro comparison of conventional hyperthermia and modulated electro-hyperthermia. *Oncotarget.* (Accepted: August 11, 2016) (Corresponding Author)
4. Chi KH, Wang YS, Huang YC, Chiang HC, Chi MS, Chi CH, Wang HE, Kao SJ. Simultaneous activation and inhibition of autophagy sensitizes cancer cells to chemotherapy. *Oncotarget.* (Accepted: July 09, 2016)
5. Lin CM, Lin YL, Ho SY, Chen PR, Tsai YH, Chung CH, Hwang CH, Tsai NM, Tzou SC, Ke CY, Chang J, Chan YL, Wang YS, Chi KH, Liao KW. The inhibitory effect of 7, 7'-dimethoxyagastisflavone on the metastasis of melanoma cells via the suppression of F-actin polymerization. *Oncotarget.* 2016 Jul 30. doi: 10.18632/oncotarget.10960.
6. Chi MS, Ko HL, Lee CY, Yang KL, Tsai MD, Liao KW, Hsu HC, Chi KH. Sirolimus and Hydroxychloroquine as an Add-On to Standard Therapy for Glioblastoma Multiforme: Case Report. *J Biomol Res Ther* 2016;5(2). doi:10.4172/2167-7956.1000141 (Corresponding Author)
7. Yang KL, Chang YC, Ko HL, Chi MS, Wang HE, Hsu PS, Lin CC, Yeh YW, Kao SJ, Jiang JS, Chi KW. Optimizing Survival of Patients With Marginally Operable Stage IIIA

NoneSmall-Cell Lung Cancer Receiving Chemoradiotherapy With or Without Surgery. *Clinical Lung Cancer* 2016;17(6): 550-57(Corresponding Author)

2015

8. Tsang YW, Huang CC, Yang KL, Chi MS, Chiang HC, Wang YS, Andocs G, Szasz A, Li WT, Chi KH. Improved Immunological Tumor Microenvironment by Combined Electro-Hyperthermia followed by Dendritic Cell Immunotherapy. *BMC Cancer*. 2015. Accepted. (Corresponding Author)
9. Chi MS, Lee CY, Huang SC, Yang KL, Ko HL, Chen YK, Chung CH, Liao KW, Chi KH. Double autophagy modulators reduce 2-deoxyglucose uptake in sarcoma patients. *Oncotarget*. 2015 Sep 7. [Epub ahead of print] (Corresponding Author)
10. Blanchard P, Lee A, Marguet S, Leclercq J, Ng WT, Ma J, Chan AT, Huang PY, Benhamou E, Zhu G, Chua DT, Chen Y, Mai HQ, Kwong DL, Cheah SL, Moon J, Tung Y, Chi KH, Fountzilas G, Zhang L, Hui EP, Lu TX, Bourhis J, Pignon JP; MAC-NPC Collaborative Group. Chemotherapy and radiotherapy in nasopharyngeal carcinoma: an update of the MAC-NPC meta-analysis. *Lancet Oncol*. 2015 Jun;16(6):645-55.
11. Chi KH, Ko HL, Yang KL, Lee CY, Chi MS, Kao SJ. Addition of rapamycin and hydroxychloroquine to metronomic chemotherapy as a second line treatment results in high salvage rates for refractory metastatic solid tumors: a pilot safety and effectiveness analysis in a small patient cohort. *Oncotarget*. 2015 Jun 30;6(18):16735-45. (Corresponding Author)

2014

12. Ko HL, Wang YS, Fong WL, Chi MS, Chi KH, and Kao SJ. Apolipoprotein C1 (APOC1) as a novel diagnostic and prognostic biomarker for lung cancer: A marker phase I trial. *Thoracic Cancer* 2014;5(6):500-508. (Corresponding Author)
13. Chi KH, Chiou TJ, Li CP, Chen SY, Chao Y. MS-20, A Chemotherapeutic Adjuvant, Reduces Chemo-Associated Fatigue and Appetite Loss in Cancer Patients. *Nutrition and Cancer*. 2014 Sep. 25:1-9. doi:10.1080/01635581.2014.951731
14. Lee CY, Yang KL, Ko HL, Huang RY, Tsai PP, Chen MT, Lin YC, Hwang TI, Juang GD1, Chi KH. Trimodality bladder-sparing approach without neoadjuvant chemotherapy for node-negative localized muscle-invasive urinary bladder cancer resulted in comparable cystectomy-free survival. *Radiat. Oncol*. 2014 Sep 24;9:213. doi: 10.1186/1748-717X-9-213. (Corresponding Author)
15. Kao HW, Lin YY, Chen CC, Chi KH, Tien DC, Hsia CC, Lin WJ, Chen FD, Lin MH, Wang HE. Biological characterization of cetuximab-conjugated gold nanoparticles in a tumor animal model. *Nanotechnology*. 2014 Jul 25;25(29):295102. doi:10.1088/0957-4484/25/29/295102. Epub 2014 Jul 3.

2013

16. Yang KL, Wang YS, Chang CC, Huang SC, Huang YC, Chi MS, Chi KH. Reciprocal complementation of the tumoricidal effects of radiation and natural killer cells. *PLoS One*. 2013 Apr 25;8(4):e61797. doi: 10.1371/journal.pone.0061797. (Corresponding Author)

17. Kao HW, Lin YY, Chen CC, Chi KH, Tien DC, Hsia CC, Lin MH, Wang HE. Evaluation of EGFR-targeted radioimmuno-gold-nanoparticles as a theranostic agent in a tumor animal model. *Bioorg Med Chem Lett*. 2013 Jun 1;23(11):3180-5. doi: 10.1016/j.bmcl.2013.04.002.
18. Chang HJ, Ko HL, Lee CY, Wu RH, Yeh YW, Jiang JS, Kao SJ, Chi KH. Hypofractionated radiotherapy for primary or secondary oligometastatic lung cancer using Tomotherapy. *Radiat Oncol*. 2012 Dec 27;7:222. doi: 10.1186/1748-717X-7-222. (Corresponding Author)

2012

19. Wang YS, Liu SJ, Huang SC, Chang CC, Huang YC, Fong WL, Chi MS and Chi KH Recombinant heat shock protein 70 in combination with radiotherapy as a source of tumor antigens to improve dendritic cell immunotherapy. *Front. Oncol*. 2012; 2:149. doi: 10.3389/fonc.2012.00149. (Corresponding Author)
20. Chi KH, Wang YS, Kao SJ. Improving Radioresponse through Modification of the Tumor Immunological Microenvironment. *Cancer Biother Radiopharm*. 2012; 27(1):1-6. (Corresponding Author)
21. Wang YS, Chang HJ, Chang YC, Huang SC, Ko HL, Chang CC, Yeh YW, Jiang JS, Lee CY, Chi MS, Chi KH. Serum Amyloid A As A Predictive Marker For Radiation pneumonitis In Lung Cancer Patients. *International Journal of Radiation Oncology, Biology, Physics*, 2012 Jul 24. [Epub ahead of print]. (Corresponding Author)