

# **Curriculum Vitae**

***Chih-Yen Chien, M.D., F.A.C.S.***

Name :Chih-Yen Chien 簡志彥

Office Address: 123, Ta-Pei Road, Niao-Song District, Kaohsiung 833, Taiwan

TEL: 07-7317123 ext 2533

Fax: +886-7-7313855

Education: Jul-1983~Jun-1990;

Kaohsiung Medical University, School of Medicine; Kaohsiung, Taiwan

## **Employment Record :**

1. 1990-1991, Residency, Department of Surgery, Ping-Tong Hospital
2. 1991~1995, Residency, Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan
3. 1995 - present, Faculty, Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan
4. 2014-7 Professor, Chang Gung Memorial Hospital
5. 2019-3 Professor, Chang Gung University

## **Professional Affiliations:**

Member of the Taiwan Otolaryngology Head and Neck Society

Member of the Taiwan Head and Neck Society

Member of the Taiwan Society for Skull Base Surgery

Member of the American Academy of Otolaryngology-Head and Neck Surgery

Fellow of the International Academy of Oral Oncology

International Fellow of the American Society of Geriatric Otolaryngology

Fellow of American College of Surgeon

Active Member of American Head and Neck Society

Founding Fellow of Asian Society of Head and Neck Oncology

## **Academic appointments:**

Reviewer of *The Laryngoscope*, since Jan-2004

Reviewer of *International Journal of Cancer*, since Aug-2009

Reviewer of *Journal of Oral Pathology and Medicine*, since Sep-2010

Reviewer of *Oral Oncology*, since Mar-2011

Reviewer of *Oral Disease*, since Mar-2010

Reviewer of *European Journal of Nuclear Medicine and Molecular Imaging*, since April-2012

Reviewer of *Archives of Oral Biology*, since Dec-2012

Reviewer of *J Taiwan Otolaryngol Head Neck Surg*, since 2012

Reviewer of *The Lancet Oncology*, since May-2013

Reviewer of *Cancer*, since June-2013

Reviewer of *BMC Cancer*, since 2013

Reviewer of *Auris Nasus Larynx*, since 2015

Reviewer of *Scientific Reports*, since 2015

Reviewer of *Oncotarget*, since 2015

Reviewer of *European Archives of Oto-Rhino-Laryngology*, since 2015

Editor-in-Chief, *International Journal of Head and Neck Science*, since 2017

Editorial Board Member, *The Laryngoscope*, from Sep-2004 to Oct-2011

Editorial Board Member, *ENT Today*, from 2006 to 2009

International Board of Academic Associate Editor, Translational Oncology section, *BMC Cancer*, since 2012-August

International Board, *Auris Nasus Larynx* since 2014

Editorial Board, *European Archives of Oto-Rhino-Laryngology*, since 2017-10

Editorial Board, *Experimental and Therapeutic Medicine*, since 2019-4

International Editorial Board, *Otolaryngology–Head and Neck Surgery*, since 2019-10

### **Professional Activities:**

Member, Training Program Committee, *Taiwan Otolaryngology Head and Neck Society*, since 2006

Member, Academic Program Committee, *Taiwan Otolaryngology Head and Neck Society*, since 2010

Director, *Taiwan Head and Neck Society* 2006-2009,

Standing Director, *Taiwan Head and Neck Society* 2009-2012, 2012-2015

President, *Taiwan Head and Neck Society*, 2015-8 to 2018-7

Conference Chairman, *2nd Annual Meeting and Scientific Conference of Taiwan Head and Neck Society*, Aug 8, 2008, Kaohsiung

Conference Chairman, *5th Annual Meeting & International Conference of Taiwan Head and Neck Society*, July 7-10, 2011, Kaohsiung

Conference Chairman, *12th Annual Meeting & International Conference of Taiwan Head and Neck Society*, June 30-July 01, 2018, Kaohsiung

Conference Chairman, *1st Taiwan Korean Conference on Head and Neck Science*, Jan 13, 2018, Kaohsiung

Director, *Asian Society of Head and Neck Oncology*, since 2009

Treasurer, *Asian Society of Head and Neck Oncology*, since 2011

Program Co-Chair in Head & Neck, 13<sup>th</sup> *Asia-Oceania ORL-HNS*, 2015-3 Taipei

Member, International Advisory Committee, *American Head and Neck Society*, 2015-10 to 2016-9

Member, Program Committee, *AHNS 9th International Conference on Head & Neck Cancer*, July 16-20, 2015 Seattle, Washington, USA

Member, Program Committee, *AHNS 10th International Conference on Head & Neck Cancer*, July 16-20, 2020 Chicago, Illinois, USA

Member, IAB (International Affair Board) General Assembly, *AAO-HNSF* 2017-

醫策會疾病照護品質認證（頭頸癌）委員 since 2019-8

Member, Cancer Prevention Committee, *AHNS*, since 2019-8

### **Research Interest:**

Head & Neck Cancer, Molecular biology

### **Academic Administrative Appointments/Responsibilities:**

1. 2006 – 2015, Chairman, Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan.
2. 2006 – present, Team Leader, Kaohsiung Chang Gung Head and Neck Oncology Group, Cancer Center, Kaohsiung Chang Gung Memorial Hospital, Taiwan
3. 2010-2015, Director, Core Research, Cancer Center, Kaohsiung Chang Gung Memorial Hospital, Taiwan
4. 2010-2015, Member, Medical Ethical Committee, Kaohsiung Chang Gung Memorial Hospital, Taiwan

## Bibliography:

### Publications

#### (I) First Author

1. **Chien CY**, Su CY, Chen WJ. Corrosive Rhinitis. JOSROC.1994;29(4):269-274.
2. **Chien CY**, Su CY, Wu CM. Laryngeal Tuberculosis- A 9-Year Experience. JOSROC.1996;31(6):463-467.
3. **Chien CY**, Su CY, Hwang CF, Huang CC. Cervical Ranula. JOSROC.1997;32(3):256-262.
4. **Chien CY**, Huang CC, Cheng JT, Chen CM, Hwang CF, Su CY. The clinicopathological significance of p53 and p21 expression in squamous cell carcinoma of hypopharyngeal cancer. Cancer Letters. 2003;201(2):217-223.
5. **Chien CY**, Chen AM, Hwang CF, Su CY. The clinical significance of adenoid - choanae area ratio in children with adenoid hypertrophy. Int J Pediatr Otorhinolaryngol, 2005;69(2):235-239.
6. **Chien CY**, Hwang CF, Chuang HC, Jeng SF, Su CY. Comparison of Radial Forearm Free Flap, Pedicled Buccal Fat Pad Flap and Split-Thickness Skin Graft in Reconstruction of Buccal Mucosal Defect. Oral Oncol. 2005;41(7):694-697 .
7. **Chien CY**, Su CY, Hwang CF, Chuang HC, Hsiao YC, Wu SL, Huang CC. The clinicopathological significance of CD105 expression in squamous cell carcinoma of hypopharynx. Head Neck 2006 May;28(5):441-446.
8. **Chien CY**, Su CY, Hwang CF, Chuang HC, Jeng SF, Chen YC. Ablation of Advanced Tongue or Base of Tongue Cancer and Reconstruction with Free Flaps: Functional Outcomes. Eur J Surg Oncol 2006 Apr;32(3):353-7.
9. **Chien CY**, Su CY, Hwang CF, Chuang HC, Chen CM, Huang CC. High expressions of CD105 and VEGF in early oral cancer predict potential cervical metastasis. J Surg Oncol. 2006 Oct 1;94(5):413-7.
10. **Chien CY**, Su CY, Fang FM, Huang HY, Chuang HC, Chen CM, Huang CC. Lower prevalence but favorable survival for human papillomavirus-related squamous cell carcinoma of tonsil in Taiwan. Oral Oncol. 2008 Feb; 44(2):174-179.
11. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. Angiopoietin-1 and -2 Expression in Recurrent Squamous Cell Carcinoma of the Oral Cavity. J Surg Oncol. 2008 Mar;97(3):273-277.
12. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. The clinical significance of osteopontin expression in T1 and T2 tongue cancers. Head Neck. 2008 Jun;30(6):776-81.
13. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. Comprehensive study on the prognostic role of osteopontin expression in oral squamous cell carcinoma. Oral Oncol 2009 Sep;45(9):798-802.
14. **Chien CY**, Chen CH, Chuang HC. The side population of cancer stem-like cells in human oral cancer. Oral Oncol 2012 Oct;48(10):913-914.
15. **Chien CY**, Chuang HC, Huang SH, Lin WC, Huang HY. A Pilot Study of Segmental Mandibulectomy with Surgical Navigation using (18) F-FDG PET/CT. Laryngoscope 2012 Oct;122:2205-2209.
16. **Chien CY**, Chuang HC, Chen CH, Fang FM, Huang CC, Huang HY. High expression of Activin Receptor-Like Kinase 1 among patients with head and neck squamous cell carcinoma shows poor prognosis. Otolaryngol Head Neck Surg. 2013 148(6):965-973.
17. **Chien CY**, Tsai HT, Su LJ, Chuang CH, Shiu LY, Huang CC, Fang FM, Yu CC, Chen CH. Aurora A signaling is activated in advanced stage of squamous cell carcinoma of head and neck cancer and requires osteopontin to stimulate invasive behavior. Oncotarget. 2014;5(8);2243-2262.

#### (II) Co-first author

18. Fang FM\*, **Chien CY\***, Li CF, Shiu WY, Chen CH, Huang HY. Effect of S-Phase Kinase-Associated Protein 2 Expression on Distant Metastasis and Survival in Nasopharyngeal Carcinoma Patients. Int J

Radiat Oncol Biol Phys 2009 Jan 1;73(1):202-7. \* contribution equally

19. Huang TL\*, **Chien CY\***, Tsai WL, Liao KC, Chou SY, Lin HC, Luo SD, Lee TF, Lee CH, Fang FM. Long-term late toxicities and quality of life for survivors of nasopharyngeal carcinoma treated by intensity modulated radiotherapy (IMRT) VERSUS non-IMRT. Head Neck 2016;38 Suppl 1:E1026-32. \* contribution equally

### (III) Corresponding author

20. Chiu TT, Su CY, Hwang CF, **Chien CY**, Eng HL. Massive bleeding from an ectopic lingual thyroid follicular adenoma during pregnancy. Am J Otolaryngol. 2002;23(3):185-8.
21. Li CH, Su CY, **Chien CY**, Hwang CF, Huang HY. Salivary duct carcinoma of submandibular gland with trigeminal nerve invasion to intracranium. J laryngol Otol. 2003;117:731-733.
22. Wang HY, Su CY, Lin JW, **Chien CY**, Base of the tongue metastatic cancer from hepatocellular carcinoma: a case report, Eur Arch Otorhinolaryngol. 2004 Nov;261(10):531-3.
23. Chuang HC; Su CY; Lui CC; Hwang CF and **Chien CY**. Lingual Nerve Neurilemmoma: A Case Report. J Otolaryngol. 2004 Apr;33(2):132-134.
24. Lin IH, Hwang CF, Huang HY, **Chien CY**. Small cell carcinoma of the nasopharynx- a case report. Acta Otolaryngol 2007 Feb;127(2):206-208.
25. Yuan CH, Chuang HC, **Chien CY**. Multiple extramedullary plasmacytomas in head and neck. J Taiwan Otolaryngol Head Neck Surg 2005 40(2): 86-91
26. Hsu YC, Hwang CF, Hsu RF, Kuo FY, **Chien CY**. Schwannoma (neurilemmoma) of the tongue. Acta Otolaryngol. 2006 Aug;126(8):861-5.
27. Chuang HC, Su CY, Jeng SF, **Chien CY**. Anterior lateral thigh flap for buccal mucosal defect after resection of buccal cancer. Otolaryngol Head Neck Surg. 2007; 137(4):632-635.
28. Wu PY, Huang CC, Chen HK, **Chien CY**. Adult Thyroid-like Low-grade Nasopharyngeal Papillary Adenocarcinoma with Thyroid Transcription Factor-1 Expression. Otolaryngol Head Neck Surg. 2007;137(5):837-838.
29. Chiu CH, Kuo YL, Kuo FY, **Chien CY**. Cavernous Hemangioma of the Maxillary Sinus. J Taiwan Otolaryngol Head Neck Surg 2007 42(2):55-58.
30. Armas GL, Su CY, Huang CC, Fang FM, Chen CM, **Chien CY**. The impact of virus in N3 node dissection for head and neck cancer. Eur Arch Otorhinolaryngol. 2008 Nov;265(11):1379-84.
31. Luo SD, Su CY, Chuang HC, Huang CC, Chen CM, **Chien CY**. Estrogen receptor overexpression in malignant minor salivary gland tumors of the sinonasal tract. Otolaryngol Head Neck Surg. 2009 Jul;141(1):108-13.
32. Su YY\*, Fang FM\*, Chuang HC, Luo SD, **Chien CY**. Detection of Metachronous Esophageal Squamous Carcinoma in Patients with Head and Neck Cancer Using Transnasal Esophagoscopy. Head Neck 2010 Jun;32(6):780-5. \* contribution equally
33. Al-Swiahb JN\*, Huang CC\*, Fang FM, Chuang HC, Huang HY, Luo SD, Chen CH, Chen CM, **Chien CY**. Prognostic Impact of p16, p53, EGFR, and HPV in Oropharyngeal Cancer in an Area of Betel Nut Chewing. Arch Otolaryngol Head Neck Surg 2010;136(5):502-508. \* contribution equally
34. Al-Swiahb JN\*, Chen CH\*, Chuang HC, Fang FM, **Chien CY**. Clinical, Pathological, and Molecular Determinants in Squamous Cell Carcinoma of the Oral Cavity. Future Oncol 2010;6(5):837-850. \* contribution equally
35. Chuang HC, Fang FM, Huang CC, Huang HY, Chen HK, Chen CH, **Chien CY**. The Clinical and Pathological Determinants in Tonsil Cancer. Head Neck 2011 Dec; 33:1703-1707.
36. Chuang HC, Chen CH, Huang CC, Fang FM, Tsai HT, **Chien CY**. Reduced expression of TRF1 and TRF2 is associated with tumor progression and poor prognosis in oral squamous cell carcinoma. Experimental and Therapeutic Medicine 2011;(2):63-67.
37. Guo CS, Chuang HC, **Chien CY**. Topical sucralfate for pain after oral CO2 laser surgery: a prospective, randomized, controlled trial. Am J Otolaryngol. 2012 Jan;33(1):109-12.
38. Lin YT, Su YY, Lui CC, **Chien CY**. Transitional cell carcinoma of frontal sinus. J Taiwan Otolaryngol Head Neck Surg 2011;46: 167-170.
39. Lin YT, Chuang HC, Chen CH, Armas GL, Chen HK, Fang FM, Huang CC, **Chien CY**. Clinical significance of erythropoietin receptor expression in oral squamous cell carcinoma. BMC Cancer 2012, May 28;12(1):194.

40. Chen CH\*, Chuang HC, Tsai HT\*, Fang FM, Huang CC, **Chien CY**. Overexpression of Rap-1A indicates a poor prognosis for oral cavity squamous cell carcinoma and promotes tumor cell invasion via Aurora-A modulation. *Am J Pathol* 2013 Feb;182(2):516-28. \* contribution equally
41. Su YY\*, Chen WC\*, Chuang HC, Guo CS, Lin YT, Luo SD, Fang FM, **Chien CY**. Impact of Routine Esophageal Screening in Patients with Head and Neck Cancer. *JAMA Otolaryngol Head Neck Surg* 2013;139(4):350-4.  
\* contribution equally
42. Yang SU, **Chien CY**. Nasopharyngeal carcinoma with esophageal metastasis presenting with progressive dysphagia. *Endoscopy* 2013 May;45 Suppl 2:E120-1.
43. Chen WC, Chuang HC, Su YY, **Chien CY**. The predicting factors of postoperative drainage after partial superficial parotidectomy: A case control study. *J Laryngol Otol* 2015 Oct;129(10):1020-4
44. Li SH, Lin WC, Huang TL, Chen CH, Chiu TJ, Fang FM, Huang WT, Hsu CM, Luo SD, Lai CC, Su YY, Chuang HC, **Chien CY**. Significance of mTOR in patients with locally advanced stage IV head and neck squamous cell carcinoma receiving induction chemotherapy with docetaxel, cisplatin, and fluorouracil. *Head Neck* 2016;38 Suppl 1:E844-52.
45. Chen CH, Chuang HC, Lin YT, Fang FM, Huang CC, Chen CM, Lu H, **Chien CY**. Circulating CD105 shows significant impact in patients of oral cancer and promotes malignancy of cancer cells via CCL20. *Tumour Biol* 2016;37(2):1995-2005.
46. Fang FM, Chuang HC, Chou SY, Huang TL, Wang CJ, Lin YT, Chiu TJ, Lin WC, Li SH, Su YY, **Chien CY**. The Therapeutic Benefit of Radical Resection for T4b Oral Cavity Squamous Cell Carcinoma with Partial or Complete Response After Radical Chemo-Intensity-Modulated Radiotherapy (IMRT). *Ann Surg Oncol*. 2016 Ann Surg Oncol. 2016 Dec;23(Suppl 5):866-873.
47. Chen CH, Tsai HT, Chuang HC, Shiu LY, Su LJ, Chiu TJ, Luo SD, Fang FM, Huang CC, **Chien CY**. Metformin disrupts malignant behavior of oral squamous cell carcinoma via a novel signaling involving Late SV40 factor/Aurora-A in vitro and in vivo. *Sci Rep* 2017 May 2;7(1):1358.
48. Chen WC, Chuang HC, Lin YT, Huang CC, **Chien CY**. Clinical impact of human papillomavirus in laryngeal squamous cell carcinoma: a retrospective study. *PeerJ* 2017; 5:e3395; DOI 10.7717/peerj.3395.
49. Wu CN, Chuang HC, Lin YT, Fang FM, Li SH, **Chien CY**. Prognosis of Neutrophil-to-Lymphocyte Ratio in Clinical Early-stage Tongue (cT1/T2N0) Cancer. *Onco Targets Ther* 2017 Aug 4;10:3917-3924. doi: 10.2147/OTT.S140800. eCollection 2017.
50. Tsai MH, Chuang HC, Lin YT, Lu H, Chen WC, Fang FM, **Chien CY**. Clinical impact of albumin in advanced head and neck cancer patients with free flap reconstruction - a retrospective study. *PeerJ* 2018 Mar 12;6:e4490. doi: 10.7717/peerj.4490.
51. Tsai MH, Chuang HC, Lin YT, **Chien CY**. Clinical Significance of Preoperative Circulating Levels of VEGF among Patients with Oral Cancer. *Int J Head Neck Sci* 2018;2(3):131-137.
52. Wang CP, Liao LJ, Chiang CJ, Hsu, WL, Kang CJ, Wang CC, Chen PR, Chen TC, Huang W, **Chien CY**. Patients with Oral Cancer Do Not Undergo Surgery as Primary Treatment: A Population-Based Study in Taiwan. *J Formos Med Assoc*. 2020 Jan;119(1 Pt 3):392-398. doi: 10.1016/j.jfma.2019.06.011.

### (III) Co-Corresponding author

53. Chen CH, Su CY, **Chien CY\***, Huang CC, Chuang HC, Fang FM, Huang HY, Chen CM, Chiou SJ\*. Overexpression of  $\beta$ 2-microglobulin is associated with poor survival in patients with oral cavity squamous cell carcinoma and contributes to oral cancer cell migration and invasion. *Br J Cancer*. 2008 Nov 4;99(9):1453-61. \* Co-corresponding author
54. Chen CH, **Chien CY\***, Huang CC, Hwang CF, Chuang HC, Fang FM, Huang HY, Chen CM, Liu HL, Huang CY F\*. Expression of FLJ10540 is correlated with aggressiveness of oral cavity squamous cell carcinoma by stimulating cell migration and invasion via increased FOXM1 and MMP-2 activity. *Oncogene*. 2009 Jul 30;28(30):2723-37. \* Co-corresponding author
55. Chen CH\*, Chang A, Li SH, Tsai HT, Shiu LY, Su LJ, Wang WL, Chiu TJ, Luo SD, Huang TL, **Chien CY\***. Suppression of Aurora-A-FLJ10540 signaling axis prohibits the malignant state of head and neck cancer. *Mol Cancer*. 2015 Apr 12;14(1):83. \* Co-corresponding author
56. Lin YT, Wang HC, Hsu YC, Cho CL, Yang MY\*, **Chien CY\***. Capsaicin Induces Autophagy and Apoptosis in Human Nasopharyngeal Carcinoma Cells by Downregulating the PI3K/AKT/mTOR Pathway. *Int J Mol Sci* 2017 Jun 23;18(7). pii: E1343. doi: 10.3390/ijms18071343  
\* Co-corresponding author
57. Lin YT, Wang HC, Chuang HC, Hsu YC, Yang MY\*, **Chien CY\***. Pre-treatment with angiotensin-(1-7) inhibits tumor growth via autophagy by downregulating PI3K/Akt/mTOR signaling in human

#### (IV) Co author

58. Wu CM, Hwang CF, **Chien CY**, Su CY. Esophageal Foreign Body of Disk Battery- Case Report. Journal of the Otolaryngological Society of the Republic of China. 1993;28(4):69-72
59. Lin WC, Su CY, **Chien CY**, Lui CC. Lingual Thyroid with a Huge Subhyoid Nodular Goiter- Case Report, Journal of the Otolaryngological Society of the Republic of China. 1996;31(4):340-343
60. Wu CC, Su CY, **Chien CY**. Rhinolithiasis. Journal of the Otolaryngological Society of the Republic of China. 1998;33:442-446.
61. Hwang CF, Su CY, **Chien CY**, Wu CM. Modified laser uvulopalatopharyngoplasty for the treatment of snoring and symptoms of sleep apnea - A preliminary report. Journal of the Otolaryngological Society of the Republic of China 1998;33(4):349-354.
62. Hsu RF, Su CY, **Chien CY**, Liu CM. Internal carotid artery aneurysm presenting as an unusual nasopharyngeal mass. Ann Otol Rhinol Laryngol. 1998;107(6):536-9.
63. Su CY, **Chien CY**, Hwang CF. A new transnasal approach to endoscopic marsupialization of the nasolabial cyst. Laryngoscope. 1999;109(7 Pt 1):1116-8.
64. Huang CT, Su CY, **Chien CY**, Lin HC, Hwang CF. Nasal Leech Infection in Man – Report of Five cases J Taiwan Otolaryngol Head Neck Surg 1999;34(4):332-336.
65. Lin HC, Su CY, Chien CY, Hwang CF, Kuo SC, Huang CC. A new surgical method for the treatment of nasolabial cyst-transnasal endoscopic marsupialization. J Taiwan Otolaryngol Head Neck Surg 2000;35:97-102.
66. Huang CT, **Chien CY**, Su CY, Chen WJ. Leiomyoma of the inferior turbinates. J Otolaryngol. 2000;29(1):55-6
67. Peng JP, **Chien CY**, Huang CW, Su CY. Salmonella Deep Neck Infection. J Taiwan Otolaryngol Head Neck Surg 2001;36:282-287.
68. Hwang CF, Cho CL, Huang CC, **Chien CY**, Shih YL, Su CY. Expression of Cyclin D1 in Nasopharyngeal carcinoma. J Taiwan Otolaryngol Head Neck Surg.2001;36:288-292.
69. Hwang CF, Cho CL, Huang CC, **Chien CY**, Shih YL, Huang SC, Su CY. Cell Cycle Inhibitory Protein p27 in Nasopharyngeal carcinoma tissues. J Taiwan Otolaryngol Head Neck Surg. 2002;37:49-53.
70. Jeng SF, Kuo YR, Wei FC, An PC, Su CY, **Chien CY**. Free radial forearm flap with adipofascial tissue extension for reconstruction of oral cancer defect. Ann Plast Surg. 2002;49(2):151-5.
71. Lin HC, Su CY, Huang CC, Hwang CF, **Chien CY**. Kikuchi's disease: a review and analysis of 61 cases. Otolaryngol Head Neck Surg. 2003;128(5):650-3.
72. Liu YT, Jeng SF, Su CY, **Chien CY**, Kuo YR. Management of skin paddle without visible sizable perforator in the fibula osteoseptocutaneous flap for the mandibular reconstruction after cancer ablation-Two cases report. Journal of Plastic Surgical Association ROC.2003;12(2):137-142.
73. Li CH, Su CY, **Chien CY**, Huang CC, Huang SC, Hsiao YC, Hwang CF. mRNA Expression of Tumor Suppressor Gene p27 and c-myc Oncogene in Nasopharyngeal Carcinoma, J Taiwan Otolaryngol Head Neck Surg. 2003;38(6):239-246.
74. Lin HC, **Chien CY**, Huang SC, Su CY, Basal cell adenoma of the sublingual gland, Ann Otol Rhinol Laryngol. 2003 Dec;112(12):1066-8
75. Jeng SF, Kuo YR, Wei FC, Su CY, **Chien CY**. Total lower lip reconstruction with a composite radial forearm-palmaris longus tendon flap: a clinical series, Plast Reconstr Surg. 2004 Jan;113(1):19-23
76. Jeng SF, Kuo YR, Wei FC, Su CY, **Chien CY**. Reconstruction of concomitant lip and cheek through-and-through defects with combined free flap and an advancement flap from the remaining lip. Plast Reconstr Surg. 2004 Feb;113(2):491-8.
77. Fang FM, **Chien CY**, Kuo SC, Chiu HC, Wang CJ. Changes in quality of life of head-and-neck cancer patients following postoperative radiotherapy, Acta Oncol. 2004;43(6):571-8.
78. Fang FM, Tsai WL, **Chien CY**, Chiu HC, Wang CJ. Health-related Quality of Life Outcome for Oral

- Cancer Survivors after Surgery and Postoperative Radiotherapy. *Jpn J Clin Oncol*. 2004 Nov;34(11):641-6.
79. Hwang CF, **Chien CY**, Lin HC, Peng JP, Chang HW, Su CY. Laser myringotomy for otitis media with effusion in nasopharyngeal carcinoma patients. *Otolaryngol Head Neck Surg*. 2005 Jun;132(6):924-7.
  80. Jeng SF, Kuo YR, Wei FC, Su CY, **Chien CY**. Reconstruction of extensive composite mandibular defects with large lip involvement by using double free flaps and fascia lata grafts for oral sphincters. *Plast Reconstr Surg*. 2005 Jun;115(7):1830-6.
  81. Fang FM, Tsai WL, **Chien CY**, Chiu HC, Wang CJ, Chen HC, Hsiung CY. Changing Quality of Life in Patients with Advanced Head and Neck Cancer after Primary Radiotherapy or Chemoradiation. *Oncology*. 2005 Jul 12;68(4-6):405-413.
  82. Su CY, Huang HT, Liu HY, Huang CC, **Chien CY**. Scanning Electron Microscopic Study of the Nasolabial Cyst: Its Clinical and Embryological Implications. *Laryngoscope*. 2006 Feb;116(2):307-311.
  83. Lu SY, Eng HL, Huang CC, **Chien CY**, Lui CC, Lin JW. Basaloid squamous cell carcinoma of the sinonasal tract: Report of two cases. *Otolaryngol Head Neck Surg*. 2006 May;134(5):883-5.
  84. Chuang HC, Su CY, Huang HY, **Chien CY**, Chen CM, Huang CC. High Expression of CD105 as a Prognostic Predictor of Early Tongue Cancer. *Laryngoscope*. 2006 Jul;116(7):1175-1179.
  85. Fang FM, Tsai WL, Chen HC, Hsu HC, Hsiung CY, **Chien CY**, Ko SF. Intensity-modulated or conformal radiotherapy improves the quality of life of patients with nasopharyngeal carcinoma: comparisons of four radiotherapy techniques. *Cancer*. 2007 Jan 15;109(2):313-21.
  86. Fang FM, Li CF, **Chien CY**, Rau KM, Huang HY. Immunohistochemical expression of epidermal growth factor receptor and cyclooxygenase-2 in pediatric nasopharyngeal carcinomas: No significant correlations with clinicopathological variables and treatment outcomes. *Int J Pediatr Otorhinolaryngol*. 2007 Mar;71(3):447-55.
  87. Kuo YR, Jeng SF, Lin KM, Hou SJ, Su CY, **Chien CY**, Hsueh KL, Huang EY. Microsurgical Tissue Transfers for Head and Neck Reconstruction in Patients with Alcohol-Induced Mental Disorder. *Ann Surg Oncol*. 2008 Jan;15(1):371-7.
  88. Fang FM, **Chien CY**, Tsai WL, Chen HC, Hsu HC, Lui CC, Huang TL, Huang HY. Quality of Life and Survival Outcome for Patients With Nasopharyngeal Carcinoma Receiving Three-Dimensional Conformal Radiotherapy vs. Intensity-Modulated Radiotherapy-A Longitudinal Study. *Int J Radiat Oncol Biol Phys*. 2008 Oct 1;72(2):356-364.
  89. Kuo YR, Jeng SF, Wei FC, Su CY, **Chien CY**. Functional reconstruction of complex lip and cheek defect with free composite anterolateral thigh flap and vascularized fascia. *Head Neck*. 2008;30(8):1001-1006.
  90. Chuang HC, Su CY, Huang HY, Huang CC, **Chien CY**, Du YY, Chuang JH. Active Matrix metalloproteinase-7 is associated with invasion in buccal squamous cell carcinoma. *Mod Pathol*. 2008 Dec;21(12):1444-1450.
  91. Lu HI, Kuo YR, **Chien CY**. Extended left colon interposition for pharyngoesophageal reconstruction using distal-end arterial enhancement. *Microsurgery*. 2008 Jul 11;28(6):424-428.
  92. Wei YC, Huang CC, **Chien CY**, Hwang JC, Chen WJ. Polymorphous low-grade adenocarcinoma of the nasopharynx: a case report and brief review. *J Clin Pathol*. 2008 Oct;61(10):1124-6.
  93. Lin PY, Kuo YR, **Chien CY**, Jeng SF. Reconstruction of Head and Neck Cancer with Double Flaps: Comparison of Single and Double Recipient Vessels. *J Reconstr Microsurg*. 2009 Apr;25(3):191-5.
  94. Spyropoulou GA, Kuo YR, **Chien CY**, Yang JC, Jeng SF. Buried anterolateral thigh flap for pharyngoesophageal reconstruction: Our method for monitoring. *Head Neck*. 2009 Jul;31(7):882-7.
  95. Chen WC, **Chien CY**, Yang CH, Li JH, Hwang CF. Nasal leech infestation: report of seven leeches and literature review. *Eur Arch Otorhinolaryngol*. 2010 Aug;267(8):1225-9.
  96. Huang TL, Tsai WL, **Chien CY**, Lee TF, Fang FM. Quality of life for head and neck cancer patients treated by combined modality therapy-the therapeutic benefit of technological advance in radiotherapy. *Qual Life Res*. 2010 Nov;19(9):1243-54.
  97. Liu CT, Chiu TJ, Huang TL, **Chien CY**, Fang FM. Impact of Comorbidity on Survival for Locally Advanced Head and Neck Cancer Patients Treated by Radiotherapy or Radiotherapy plus Chemotherapy. *Chang Gung Med J*. 2010 May-Jun;33(3):283-91.

98. Fang FM, Tsai WL, **Chien CY**, Chen HC, Hsu HC, Huang TL, Lee TF, Huang HY, Lee CH. Pretreatment Quality of Life As a Predictor of Distant Metastasis and Survival for Patients With Nasopharyngeal Carcinoma. *J Clin Oncol*. 2010 Oct 1;28(28):4384-9.
99. Hwang CF, **Chien CY**, Huang SC, Yin YF, Huang CC, Fang FM, Tsai HT, Su LJ, Chen CH. Fibulin-3 is associated with tumor progression and a poor prognosis in nasopharyngeal carcinomas and inhibits cell migration and invasion via suppressed AKT activity. *J Pathol* 2010 Dec;222(4):367-79.
100. Spyropoulou GA, Lin PY, **Chien CY**, Kuo YR, Jeng SF. Reconstruction of the hypopharynx with the anterolateral thigh flap: defect classification, method, tips, and outcomes. *Plast Reconstr Surg*. 2011 Jan;127(1):161-72.
101. Hwang CF, Huang HY, Chen CH, **Chien CY**, Hsu YC, Li CF, Fang FM. Enhancer of Zeste Homolog 2 Overexpression in Nasopharyngeal Carcinoma: An Independent Poor Prognosticator that Enhances Cell Growth. *Int J Radiat Oncol Biol Phys*. 2012 Feb 1;82(2):597-604
102. Chiu TJ, Chen CH, **Chien CY**, Li SH, Tsai HT, Chen YJ. High ERCC1 expression predicts cisplatin-based chemotherapy resistance and poor outcome in unresectable squamous cell carcinoma of head and neck in a betel-chewing area. *J Transl Med*. 2011 Mar 23;9(1):31.
103. Leung S W, Lee TF, **Chien CY**, Chao PJ, Tsai WL, Fang FM. Health-related Quality of life in 640 head and neck cancer survivors after radiotherapy using EORTC QLQ-C30 and QLQ-H&N35 questionnaires. *BMC Cancer* 2011, April 12;11(1):128.
104. Chen YC, Valerio IL, **Chien CY**, Jeng SF. Pedicled mandible myo-osseous flaps combined with free skin flaps for reconstruction of complex lateral mandibular defects. *Head Neck*. 2012 Mar;34(3):384-92.
105. Chen YJ, Rau KM, **Chien CY**, Fang FM, Huang TL, Chiu TJ. High p16 Expression Predicts a Positive Response to Chemoradiotherapy in Stage IVa/b Head and Neck Squamous Cell Carcinoma. *Asian Pac J Cancer Prev*. 2011;12(3):649-55.
106. Huang SH, **Chien CY**, Lin WC, Fang FM, Wang PW, Lui CC, Huang YC, Hung BT, Tu MC, Chang CC. A Comparative Study of Fused FDG PET/MRI, PET/CT, MRI, and CT Imaging for Assessing Surrounding Tissue Invasion of Advanced Buccal Squamous Cell Carcinoma. *Clin Nucl Med*. 2011 Jul;36(7):518-525.
107. Chuang HC, Huang CC, **Chien CY**, Chuang JH. Toll-Like Receptor 3-Mediated Tumor Invasion in Head and Neck Cancer. *Oral Oncol* 2012 Mar;48(3):226-32.
108. Hwang CF, Huang CC, **Chien CY**, Huang SC, Yang CH, Su CY. Human papillomavirus infection in oral papillary and verrucous lesions is a prognostic indicator of malignant transformation. *Cancer Epidemiol*. 2012 Apr;36(2):e122-7.
109. Tsai WL, **Chien CY**, Huang HY, Liao KC, Fang FM. Prognostic value of quality of life measured after treatment on subsequent survival in patients with nasopharyngeal carcinoma. *Qual Life Res*. 2013;22(4):715-23.
110. Huang CC, Huang TL, Hsu HC, Chen HC, Lin HC, **Chien CY**, Fang FM, Chang HW, Tsai NW, Chang WN, Chen SF, Lin TK, Tan TY, Chang CR, Wang HC, Lin WC, Lu CH. Long-term effects of neck irradiation on cardiovascular autonomic function: a study in nasopharyngeal carcinoma patients after radiotherapy. *Muscle Nerve* 2013 Mar;47(3):344-50.
111. Chi TH, Yuan CH, **Chien CY**, Lou SD. Frontal Mucocele Following Frontal Sinus Fracture: A Case Report. *Taipei City Med J* 2013; 10(1): 163-167
112. Chiang MH, Chong KC, Syue YJ, Yang JCS, **Chien CY**, Kuo YR. The Role of Meperidine in Reduction of Post-anesthetic Shivering and Its Possible Impact on Flap Outcomes. *Microsurgery* 2014;34(2):106-111.
113. Chiu TJ, Chen YJ, Rau KM, Chen CH, **Chien CY**, Li SH, Tsai HT, Eng HL. Midkine neurite growth-promoting factor 2 expression as a potential prognostic marker of adjuvant therapy in head and neck squamous cell carcinoma. *Biomarkers*. 2013;18(8):687-98.
114. Huang TL, Hsu HC, Chen HC, Lin HC, **Chien CY**, Fang FM, Huang CC, Chang HW, Chang WN, Huang CR, Tsai NW, Kung CT, Wang HC, Lin WC, Cheng BC, Su YJ, Chang YT, Chang CR, Tan TY, Lu CH. Long-term effects on carotid intima-media thickness after radiotherapy in patients with nasopharyngeal carcinoma. *Radiat Oncol*. 2013 Nov 7;8(1):261.
115. Li Y, Lin PY, **Chien CY**, Fang FM. Prevalence and risk factors of depressive disorder in caregivers of patients with head and neck cancer. *Psychooncology* 2015 Feb;24(2):155-61.
116. Lin YT, **Chien CY**, Lu CT, Luo SD, Lu H, Huang CC, Fang FM, Li SH, Huang TL, Chuang HC. Triple-positive pathological findings in oral cavity cancer are related to a dismal prognosis.



- Laryngoscope 2015 Sep;125(9):E300-5.
117. Kao CL, Cho J, Lee YZ, Cheng YB, **Chien CY**, Hwang CF, Hong YR, Tseng CN, Cho CL. Induction of Apoptosis and Antiproliferation in Human Nasopharyngeal Carcinoma Cells by Ethanolic Extracts of *Pluchea indica*. *Molecules* 2015; 20:11508-11523.
  118. Su YY, **Chien CY**, Luo SD, Huang TL, Lin WC, Fang FM, Chiu TJ, Chen YH, Lai CC, Hsu CM, Li SH. Betel nut chewing history is an independent prognosticator for smoking patients with locally advanced stage IV head and neck squamous cell carcinoma receiving induction chemotherapy with docetaxel, cisplatin, and fluorouracil. *World J Surg Oncol*. 2016 Mar 22;14(1):86.
  119. Wu YS, Lin PY, **Chien CY**, Fang FM, Chiu NM, Hung CF, Lee Y, Chong MY. Anxiety and depression in patients with head and neck cancer: 6-month follow-up study. *Neuropsychiatr Dis Treat*. 2016;12:1029-36.
  120. Lee Y, Wu YS, **Chien CY**, Fang FM, Hung CF. Use of the Hospital Anxiety and Depression Scale (HADS) and the Taiwanese Depression Questionnaire (TDO) for screening depression in head and neck cancer patients in Taiwan. *Neuropsychiatr Dis Treat*. 2016; 12:2649-2657.
  121. Ragin C, Liu JC, Jones G, Shoyele O, Sowunmi B, Kennett R, Groen HJ, Gibbs D, Blackman E, Esan M, Brandwein MS, Devarajan K, Bussu F, Chernock R, **Chien CY**, Cohen MA, Samir EM, Mikio S, D'Souza G, Funchain P, Eng C, Gollin SM, Hong A, Jung YS, Krüger M, Lewis J Jr, Morbini P, Landolfo S, Rittà M, Straetmans J, Szarka K, Tachezy R, Worden FP, Nelson D, Gathere S, Taioli E. Prevalence of HPV Infection in Racial-Ethnic Subgroups of Head and Neck Cancer Patients. *Carcinogenesis* 2017; 38(2):218-229.
  122. Yu JS, Chen YT, Chiang WF, Hsiao YC, Chu LJ, See LC, Wu CS, Tu HT, Chen HW, Chen CC, Liao WC, Chang YT, Wu CC, Lin CY, Liu SY, Chiou ST, Chia SL, Chang KP, **Chien CY**, Chang SW, Chang CJ, Young JD, Pao CC, Chang YS, Hartwell LH. Saliva Protein Biomarkers to Detect Oral Squamous Cell Carcinoma in a High-Risk Population in Taiwan. *Proc Natl Acad Sci U S A*. 2016; 113(41):11549-11554
  123. Liao CT, Wen YW, Lee SR, Liu TW, Tsai ST, Tsai MH, Lin JC, Lou PJ, Chu PY, Leu YS, Tsai KY, Terng SD, Chen TM, Wang CH, **Chien CY**, Chen WC, Lee LY, Lin CY, Wang HM, Ng SH, Lin CH, Fang TJ, Huang SF, Kang CJ, Chang KP, Yang LY, Yen TC. Clinical Outcomes of Taiwanese Patients with cT4 Oral Cavity Squamous Cell Carcinoma: Toward the Identification of the Optimal Initial Treatment Approach for cT4b Patients. *Ann Surg Oncol*. 2017 Mar;24(3):785-793.
  124. Lan J, Huang SC, Chen YH, Chen WC, Jin YT, Lu YC, **Chien CY**, Huang HY. Primary paranasal sinus clear cell carcinoma with EWSR1-ATF1 fusion: report of two molecularly confirmed cases exhibiting unique histopathology. *Hum Pathol*. 2016; 63:139-143
  125. Tsai MS, Lai CH, Lee CP, Yang YH, Chen PC, Kang CJ, Chang GH, Tsai YT, Lu CH, **Chien CY**, Young CK, Fang KH, Liu CJ, Yeh RA, Chen WC. Mortality in tongue cancer patients treated by curative surgery: a retrospective cohort study from CGRD. *PeerJ*. 2016 Dec 15;4:e2794.
  126. Liao CT, Chen HN, Wen YW, Lee SR, Ng SH, Liu TW, Tsai ST, Tsai MH, Lin JC, Lou PJ, Wang CP, Chu PY, Leu YS, Tsai KY, Terng SD, Chen TM, Wang CH, **Chien CY**, Chen WC, Lee LY, Lin CY, Wang HM, Lin CH, Fang TJ, Huang SF, Kang CJ, Chang KP, Yang LY, Yen TC. Association between the diagnosis-to-treatment interval and overall survival in Taiwanese patients with oral cavity squamous cell carcinoma. *Eur J Cancer*. 2017;72:226-234. doi: 10.1016/j.ejca.2016.11.010. [Epub ahead of print]
  127. Chen YH, Lu HI, **Chien CY**, Lo CM, Wang YM, Chou SY, Su YY, Shih LH, Li SH. Treatment Outcomes of Patients with Locally Advanced Synchronous Esophageal and Head/Neck Squamous Cell Carcinoma Receiving Curative Concurrent Chemoradiotherapy. *Sci Rep*. 2017 Jan 30;7:41785. doi: 10.1038/srep41785.
  128. Liao CT, Wen YW, Yang LY, Lee SR, Ng SH, Liu TW, Tsai ST, Tsai MH, Lin JC, Chen PR, Lou PJ, Wang CP, Chu PY, Hwang TZ, Leu YS, Tsai KY, Terng SD, Chen TM, Wang CH, **Chien CY**, Chen WC, Lee LY, Lin CY, Wang HM, Hsieh CH, Tsao CK, Fang TJ, Huang SF, Kang CJ, Chang KP, Yen TC. Comparative clinical outcomes of Taiwanese patients with resected buccal and tongue squamous cell carcinomas. *Oral Oncol*. 2017 Apr;67:95-102.
  129. Li SH, **Chien CY**, Huang WT, Luo SD, Su YY, Tien WI, Lan YC, Chen CH. Prognostic significance and function of mammalian target of rapamycin in tongue squamous cell carcinoma. *Sci Rep* 2017 Aug 15;7(1):8178.
  130. Chen CN, **Chien CY**, Chuang HC. Are Friends or Foes? New Strategy for Head and Neck Squamous Cell Carcinoma Treatment via Immune Regulation. *Int J Head Neck Sci* 2017;1(2):105-113.
  131. Su YY, Chen CH, **Chien CY**, Lin WC, Huang WT, Li SH. Mitochondrial assembly receptor expression is an independent prognosticator for patients with oral tongue squamous cell carcinoma. *J Renin Angiotensin Aldosterone Syst*. 2017;18(3):1470320317717904.
  132. Lee CY, Lee Y, Wang LJ, **Chien CY**, Fang FM, Lin PY. Depression, anxiety, quality of life, and predictors of depressive disorders in caregivers of patients with head and neck cancer: A six-month

- follow-up study. *J Psychosom Res.* 2017 Sep;100:29-34.
133. Lee Yu, **Chien CY**, Lin PY, Lin MC, Wang CC, Lu HI, Chen YC, Hung CF. Psychiatric Morbidity, Pain, Anxiety and Depression in Patients with Head and Neck Cancer and Lung Cancer. *Int J Head Neck Sci.* 2017; 1(3): 191-198.
  134. Hsiao YC, Chi LM, Chien KY, Chiang WF, Chen SF, Chuang YN, Lin SY, Wu CC, Chang YT, Chu LJ, Chen YT, Chia SL, **Chien CY**, Chang KP, Chang YS, Yu JS. Development of a multiplexed assay for oral cancer candidate biomarkers using peptide immunoaffinity enrichment and targeted mass spectrometry. *Mol Cell Proteomics* 2017;16(10):1829-1849.
  135. Chiu TJ, Luo SD, **Chien CY**, Su YY, Huang TL, Lin WC, Fang FM, Chen CH, Su SY, Li SH. Treatment Outcome of Patients with Unresectable Stage IVB Head and Neck Squamous Cell Carcinoma Receiving Induction Chemotherapy with Docetaxel, Cisplatin, and Fluorouracil. *Int J Head Neck Sci* 2017; 1(2): 121-130
  136. Cheng KL, Chen HL, **Chien CY**, Tyan YS, Lin WC. The Role of Functional Magnetic Resonance Imaging in the Head and Neck Cancers. *Int J Head Neck Sci* 2017;1(4): 220-230.
  137. Dante DP, Lin CY, Fan KH, **Chien CY**, Ng SH, Tsao CK, Lee LY, Hsueh C, Wang HM, Hsieh CH, Kang CJ, Huang SF, Fang TJ, Chang KP, Yen TZ, Yang LY, Liao CT. Influence of Tumor Depth on the Outcome of Patients with pT3N0 Oral Cavity Squamous Cell Carcinoma According to the AJCC Cancer Staging Manual, 8th Edition. *Int J Head Neck Sci* 2017;1(4):235-245.
  138. Hsiao YC, Chu LJ, Chen YT, Chi LM, Chien KY, Chiang WF, Chang YT, Chen SF, Wang WS, Chuang YN, Lin SY, **Chien CY**, Chang KP, Chang YS, Yu JS. Variability Assessment of 90 Salivary Proteins in Intra-Day and Inter-Day Samples from Healthy Donors by Multiple Reaction Monitoring-Mass Spectrometry. *Proteomics Clin Appl.* 2018 Jan 19. doi: 10.1002/prca.201700039. [Epub ahead of print]
  139. Huang HH, Yang CH, Hsu YC, **Chien CY**, Lin YT. Capsaicin Induces Different Types of Cell Death in Two Human Head and Neck Squamous Cell Carcinoma Lines. *Int J Head Neck Sci.* 2018; 2(1): 25-34.
  140. Lin YH, Huang TL, **Chien CY**, Chen HC, Hsu HC, Huang EY, Wang CJ, Huang YJ, Wang YM, Huang CC, Chou SY, Liao KC, Fang FM. Pretreatment prognostic factors of survival and late toxicities for patients with nasopharyngeal carcinoma treated by simultaneous integrated boost intensity-modulated radiotherapy. *Radiat Oncol.* 2018 Mar 20;13(1):45. doi: 10.1186/s13014-018-0990-5.
  141. Cheng YJ, Tsai MH, Chiang CJ, Tsai ST, Liu TW, Lou PJ, Liao CT, Lin JC, Chang JT, Tsai MH, Chu PY, Leu YS, Tsai KY, Terng SD, **Chien CY**, Yang MH, Hao SP, Wang CC, Tsai MH, Chen HHW, Kuo C, Wu YH. Adjuvant Radiotherapy after Curative Surgery for Oral Cavity Squamous Cell Carcinoma and Treatment Effect of Timing and Duration on Outcome– A Taiwan Cancer Registry national database analysis. *Cancer Med* 2018 Jun 14. doi: 10.1002/cam4.1611. [Epub ahead of print]
  142. Chuang HC, Chiu TJ, Lin YT, Huang TL, Fang FM, **Chien CY**. The Potential Role of Metformin in the Treatment of Head and Neck Squamous Cell Carcinoma. *Int J Head Neck Sci* 2018;2(2):50-55
  143. Lee Y, Lin PY, **Chien CY**, Fang FM, Wang LJ. A comparison of psychological well-being and quality of life between spouse and non-spouse caregivers in patients with head and neck cancer: a 6-month follow-up study. *Neuropsychiatr Dis Treat* 2018;14:1697-1704.
  144. Chu LC, Hsiao YC, Chiang WF, Tsai CJ, Lin SY, Chang KP, **Chien CY**, Yu JS. Use of Saliva Protein Biomarkers for Diagnosis of Oral Cavity Cancer. *Int J Head Neck Sci* 2018;2(2):56-68.
  145. Ko CA, Lin YT, Tseng CH, Tsai MH, Huang CC, **Chien CY**, Chuang HC. Intraoperative Chemodetection for Mucosal Lesions Among Patients With Head and Neck Cancer. *Int J Head Neck Sci* 2018;2(3):124-130.
  146. Chuang HC, Chou MH, **Chien CY**, Chuang JH, Liu YL. Triggering TLR3 pathway promotes tumor growth and cisplatin resistance in head and neck cancer cells. *Oral Oncol* 2018;86:141-149.
  147. Lin PY, Liou TL, Lin KC, Hsieh MH, **Chien CY**, Hsieh CH. Immediate negative pressure wound therapy after free flap transfer for head and neck cancer surgery. *Laryngoscope* 2018 Sep 24. doi: 10.1002/lary.27169. [Epub ahead of print]
  148. Hsu CM, Ching CH, **Chien CY**, Hwang CF, Yang MY, Tsai MS, Tseng CH. Liquid Biopsies with Circulating miRNAs, Circulating Tumor Cells, and Cell-Free Circulating Tumor DNA in Head and Neck Cancer. *Int J Head Neck Sci.* 2018; 2(1): 14-20.
  149. Lai HL, Tan Y, **Chien CY**, Fang FM, Huang TL, Chiu TJ, Li SH. Neutrophil lymphocyte ratio is an independent prognosticator in patients with locally advanced head and neck squamous cell carcinoma receiving induction chemotherapy with docetaxel, cisplatin, and fluorouracil. *J Cancer Res Pract* 2019;6(4):170-178.
  150. Fang FM, Huang TL, Lin YH, **Chien CY**, Chuang HC, Luo SD, Lin HC, Lin YT, Li SH, Liao KC, Tsai WL. Concurrent chemo-radiotherapy by simultaneously integrated boost volumetric-modulated arc therapy for nasopharyngeal carcinoma-toxicity/quality of life and survival. *Head Neck.* 2019 May;41(5):1282-1289.

151. Huang SH, Chuang HC, **Chien CY**, Chang YH, Hung BT, Fang FM, Chang CC. The proposed physiology-based FDG PET/CT criteria in reducing false-positive results in advanced head and neck cancer after chemoradiotherapy. *O J Nucl Med Mol Imaging*. 2018; 62(4):436-44.
152. Chen YH, **Chien CY**, Fang FM, Huang TL, Su YY, Luo SD, Huang CC, Lin WC, Li SH. Nox4 Overexpression as a Poor Prognostic Factor in Patients with Oral Tongue Squamous Cell Carcinoma Receiving Surgical Resection. *J Clin Med*. 2018 Dec 1;7(12). pii: E497. doi: 10.3390/jcm7120497.
153. Tsai MH, Lin YT, **Chien CY**, Chen CH, Chuang HC. Aurora Kinases in Head and Neck Squamous Cell Carcinoma. *Int J Head Neck Sci* 2019; 3(1):23-32.
154. Chen PF, Chen IC, Chiang HC, Fang FM, **Chien CY**, Chuang HC. Occurrence of Second Primary Tumor Over Digestive Tract Among Patients With Head and Neck Cancer in Betel Nut Chewing Area—A Population-Based Case-Control Study in Taiwan. *Int J Head Neck Science* 2019;3(1):38-48.
155. Chaturvedi P, Singh A, **Chien CY**, Warnakulasuriya S. Tobacco related oral cancer. *BMJ*. 2019 Jun 5;365:l2142. doi: 10.1136/bmi.l2142.
156. Huang YC, Lee YY, Tso HH, Chen PC, Chen YC, **Chien CY**, Chung YJ, Leong CP. The Sonography and Physical Findings on Shoulder after Selective Neck Dissection in Patients with Head and Neck Cancer: A Pilot Study. *BioMed Res Int* 2019 Jul 22;2019:2528492.
157. Hsiao YC, Lin SY, Chien KY, Chen SF, Wu CC, Chang YT, Chi LM, Chu LJ, Chiang WF, **Chien CY**, Chang KP, Chang YS, Yu JS. An immuno-MALDI mass spectrometry assay for the oral cancer biomarker, matrix metalloproteinase-1, in dried saliva spot samples. *Analytica Chimica Acta* 2020 Mar 1;1100:118-130
158. Chi LM, Hsiao YC, Chien KY, Chen SF, Chuang YN, Lin SY, Wang WS, Chang IY, Yang C, Chu LJ, Chiang WF, **Chien CY**, Chang YS, Chang KP, Yu JS. Assessment of candidate biomarkers in paired saliva and plasma samples from oral cancer patients by targeted mass spectrometry. *J Proteomics*. 2020 Jan 16;211:103571. doi: 10.1016/j.iprot.2019.103571.
159. Rogers SN, Alvear A, Anesi A, Babin E, Balik A, Batstone M, Brockmeyer P, Carrasco CC, **Chien CY**, Chirila M, Dholam KP, Doss JG, Finizia C, Ghani WMN, Gurav SV, Kadir K, Kolator M, Lima R, Lin YT, Nhongo S, Ozdemir-Karatas M, Peker K, Pesic Z, Ransy P, Santos I, Schliephake H, Shah K, Souza F, Sunil G, Thankappan K, Ehrsson YT, Tiple C, Tuomi L, Valerini S, Lara PV, Zatoński T, Lowe D. Variations in concerns reported on the patient concerns inventory in patients with head and neck cancer from different health settings across the world. *Head Neck*. 2020 Mar;42(3):498-512.
160. Wang CP, **Chien CY**. The Work Besides Treatment to Improve the Survival of Oral Cancer Patients. *Int J Head Neck Sci* 2019; 3(3): 125-128.
161. Li Y, **Chien CY**, Fang FM, Lin PY. Prevalence and Risk Factors of Depression in Patients With Head and Neck Cancer: A Literature Review. *Int J Head Neck Sci* 2019; 3(3): 140-151.
162. Lee PH, Huang HY, **Chien CY**. Pathology Challenge: A Post-Irradiation Hard Palate Mass. *Int J Head Neck Sci* 2019; 3(3): 180-184.
163. Chen YH, Lu HI, **Chien CY**, Lo CM, Wang YM, Chou SY, Li SH. Efficacy of Different Chemotherapy Regimens in Patients with Locally Advanced Synchronous Esophageal and Head/Neck Squamous Cell Carcinoma Receiving Curative Concurrent Chemoradiotherapy. *J Clin Med*. 2020 Jan 10;9(1). pii: E197. doi: 10.3390/jcm9010197.

## Book Chapter

1. Witt-Surgery of Salivary Glands 2019. Elsevier Publisher, Netherlands.  
Granulomatous Diseases of Salivary Gland.  
Chuang HC and **Chien CY**.

## **Presentations at International Conferences**

1. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. The expression of osteopontin in T1 and T2 tongue cancers. FIRST WORLD CONGRESS OF THE INTERNATIONAL ACADEMY OF ORAL ONCOLOGY. 17 – 20 May 2007, Amsterdam , The Netherlands
2. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. Expressions of Angiopoietin 1 and 2 in recurrent oral cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 111<sup>th</sup> Annual Meeting, 16-19 Sep 2007, Washington DC, USA
3. Chuang HC, Su CY, Jeng SF, **Chien CY**. Anterior lateral thigh flap for buccal mucosal defect after resection of buccal cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 111<sup>th</sup> Annual Meeting, 16-19 Sep 2007, Washington DC, USA
4. **Chien CY**, Hunag CC. The expressions of osteopontin in oral cancer. 7th International Conference on Head and Neck Cancer, July 19-23, 2008, San Francisco, California, USA.
5. Chen CH, **Chien CY**. Overexpression of FLJ10540 is related to tumor progression in patients with oral cavity squamous cell carcinoma. 7th International Conference on Head and Neck Cancer, July 19-23, 2008, San Francisco, California, USA.
6. **Chien CY**, Hunag CC. Circulating levels of CD105 and VEGF in oral cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 112<sup>th</sup> Annual Meeting, 21-24 Sep 2008, Chicago, USA
7. Chuang HC, Huang CC, **Chien CY**. Active MMP-7 expression in buccal cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 112<sup>th</sup> Annual Meeting, 21-24 Sep 2008, Chicago, USA
8. Huang CC, **Chien CY**. RAP1 Expression in squamous cell carcinoma of head and neck. American Academy of Otolaryngology-Head and Neck Surgery Foundation 112<sup>th</sup> Annual Meeting, 21-24 Sep 2008, Chicago, USA
9. Chen CH, **Chien CY**. Expression of FLJ10540 is correlated with aggressiveness of oral cavity squamous cell carcinoma by stimulating cell migration and invasion via increased FOXM1 protein and MMP-2 activity. Asia-Pacific Congress on Oral Cavity Cancer in Conjunction with the 12<sup>th</sup> Annual Meeting of Taiwan Cooperative Oncology Group. Taipei, Taiwan, Dec 6-7, 2008 **(1<sup>st</sup> Prize Award)**
10. **Chien CY**, Chen CH, Fang FM. Modulated aberrant expression of Aurora A by osteopontin is associated with poor prognosis in oral cavity squamous cell carcinoma. SECOND WORLD CONGRESS OF THE INTERNATIONAL ACADEMY OF ORAL ONCOLOGY. July 8 – 11, 2009, Toronto , Canada
11. **Chien CY**, Chen CH. The expressions of Podoplatin in oral cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 113<sup>th</sup> Annual Meeting, 4-7 Oct 2009, San Diego, USA
12. Fang FM, **Chien CY**. Combined modality for locally advanced head and neck cancer-The therapeutic advantage of IMRT. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
13. Chen CH, **Chien CY**. Expression of FLJ10540 is correlated with aggressiveness of oral cavity squamous cell carcinoma by stimulating cell migration and invasion via increased FOXM1 protein and MMP-2 activity. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
14. Huang CC, **Chien CY**. The clinical significance of Rap1 Expression in squamous cell carcinoma of oral cavity. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18,

15. Chiu TJ, **Chien CY**. P16 as indicator of response to CCRT of stage IV squamous cell carcinoma of head and neck cancer. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
16. Hwang CF, **Chien CY**, Chen CC, Huang HY. EZH2 overexpression in NPC: an independent poor prognosticator that enhances cell growth. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
17. Chen CC, **Chien CY**, Jeng SF. Recipient vessels analysis in free flap reconstruction for head and neck cancer patients after radiotherapy. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
18. Shih HS, **Chien CY**, Jeng SF. Retrograde-flow recipient vein: An alternative option in microsurgical head and neck reconstruction. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
19. Wang YM, **Chien CY**, Fang FM. Quality of life in 640 head and neck cancer survivors-The therapeutic advantage of conformal radiotherapy. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
20. Lin YT, **Chien CY**. Bilateral malignant carotid body tumor with distant metastasis. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
21. Chen CC, **Chien CY**, Jeng SF. Use of Vacuum-Assisted Closure (VAC) to treat deep wound in head and neck reconstructive surgery: A novel application. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
22. Tsai HT, **Chien CY**, Chen CC. Expression of Telomere-Associated Proteins-TRF-1 and TRF-2 as prognostic markers for overall survival in patient with OCSCC. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
23. Chunag HC, **Chien CY**, Huang HY. Synovial sarcoma of the head and neck. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
24. Luo SD, **Chien CY**, Huang CC. Estrogen receptor overexpression in malignant minor salivary gland tumor of the sinonasal tract. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
25. Chung HC, **Chien CY**, Chen CC. Down-regulation of TSG101 is associated with poor prognosis through suppression of FLJ10540 expression in OCSCC. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
26. Su YY, Fang FM, **Chien CY**. Detection of metachronous esophageal cancer in patients with head and neck cancer using transnasal esophagoscopy. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
27. Guo CS, **Chien CY**. Life threatening symptom caused by a large submental epidermoid cyst—case report. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
28. Huang SH, **Chien CY**. Schwannoma mimicking distant metastases of a squamous cell carcinoma of the tongue base demonstrated by PET/CT. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
29. Chang SW, Jeng SF, **Chien CY**. Cases analysis of osteoradionecrosis in jaw bone after radiotherapy. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
30. Huang TL, Fang FM, **Chien CY**, Huang CC. High expression of erythropoietin receptor is associated poor survival in oral squamous cell carcinoma. The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009

31. Chen CH, Tsai HT, **Chien CY**. Osteopontin upregulates Aurora-A overexpression and modulates migration and invasion of oral cavity squamous cell carcinoma via PI3K/AKT pathway. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
32. Chiu TJ, Chen YJ, **Chien CY**, Huang TL. Evaluation of p16 expression as an indicator of response to concurrent chemoradiotherapy in stage IV squamous cell carcinoma of head and neck (preliminary data). Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
33. Tsai HT, Chen CH, **Chien CY**. Tumor Susceptibility Gene 101 is an indicator of poor survival in OSCC and inhibits invasive ability of oral cancer cell by suppression of FLJ10540 oncogene expression. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
34. Su YY, Chuang HC, Lin YT, Chen CH, **Chien CY**. Erythropoietin receptor (EPOR) in oral cavity cancer. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
35. Lou SD, **Chien CY**. Cavernous supraglottic pattern of adult laryngeal hemangioma: surgical outcome. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
36. Lin WC, **Chien CY**, Huang CC, Fang FM, Huang SH, Chen CH, Huang TL, Chen HL. Assessment of head and neck cancer using dynamic contrast-enhanced MR Image. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
37. Yin YF, Chen CH, **Chien CY**, Huang SC, Hwang CF. To investigate the clinical significance and functional roles of the expressions of Fibulin-5 in nasopharyngeal carcinoma tissue and cell lines. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
38. Chen CF, **Chien CY**, Lui CC, Fang FM, Lui HL, Chuang HC, Su YY, Huang TL. Quantitative analysis of tongue cancer permeability by using magnetic resonance dynamic contrast enhancement (DCE) technique. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
39. Huang CC, Chen CM, **Chien CY**. S100A8 expression in squamous cell carcinoma of oral cavity. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
40. Huang SH, **Chien CY**. Additional value of MRI/PET fusion compared with MRI and PET/CT in the assessment of masticator space invasion in advanced squamous cell carcinoma of buccal cancer. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
41. Chen CC, Lin PY, Jeng SF. The versatility of ALT flap for multiple defects in head and neck reconstruction. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
42. Johnson CS Yang SF Jeng. The implication of coronary artery diseases as co-morbidity for head and neck cancer patients receiving microvascular reconstructions. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
43. **Chien CY**, Huang CH, Chuang HC. The impact of positive lymph node number in tonsil cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 114<sup>th</sup> Annual Meeting, 26-29 Sep 2010, Boston, USA.
44. Chen CH, **Chien CY**. Polymorphisms of Aurora-A Gene in Oral Cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 114<sup>th</sup> Annual Meeting, 26-29 Sep 2010, Boston,

USA.

45. Shih HS, **Chien CY**, Jeng SF. Is Free Flap Safe in Old Patients with Head and Neck Cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 114<sup>th</sup> Annual Meeting, 26-29 Sep 2010, Boston, USA.
46. Jeng SF, Chen CC, Chien CY. Multiple Defects Using ALT Flap for Reconstruction. American Academy of Otolaryngology-Head and Neck Surgery Foundation 114<sup>th</sup> Annual Meeting, 26-29 Sep 2010, Boston, USA.
47. **Chien CY**, Fang FM. Improved survival among advanced oral cancer patients taking metformin for diabetes mellitus control. Third World Congress of the International Academy of Oral Oncology. 14 – 17 July 2011, Singapore.
48. Chen CH, Tsai HT, **Chien CY**. TSG101 downregulates FLJ10540 and modulates migration and invasion of OCSCC via AKT pathway. Third World Congress of the International Academy of Oral Oncology. 14 – 17 July 2011, Singapore.
49. Tsai HT, Chen CH, **Chien CY**. Osteopontin modulates Aurora-A expression and promotes migration and invasion of OCSCC via PI3K/AKT pathway. Third World Congress of the International Academy of Oral Oncology. 14 – 17 July 2011, Singapore.
50. Yang CS J, **Chien CY**. Hypopharyngeal cancer reconstruction after tumor ablation. The 2<sup>nd</sup> Congress of Asian Society of Head and Neck Oncology. Goa, India, Oct 6-9, 2011.
51. Su YY, **Chien CY**, Chiu TJ. High ERCC1 expression predicts cisplatin-based chemotherapy resistance and poor outcome in unresectable squamous cell carcinoma of head and neck in a betel-chewing area. Third World Congress of the International Academy of Oral Oncology. 14 – 17 July 2011, Singapore.
52. **Chien CY**, Fang FM. Treatment of T4b oral cancer: Is it suitable to apply chemoradiation before surgery? 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
53. Yang Johnson Chia-Shen, **Chien CY**. Nutritional Support For Hypopharyngeal Cancer Patient: Naso-Duodenal Tube Feeding Vs. Total Parenteral Nutrition, Which Is Better? - A Preliminary Result. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
54. Chen CH, Tsai HT, **Chien CY**. Modulated FLJ10540 by osteopontin is associated with tumor progression in nasopharyngeal carcinomas and contributes to osteopontin-elicited proliferation, migration and invasion in nasopharyngeal cell lines via CD44 pathway. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
55. Chen CH, Tsai HT, **Chien CY**. Metformin inhibits head and neck cancer cell growth, and motility via Aurora-A/AKT pathway. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
56. Guo CS, **Chien CY**. Impact of routine esophageal screening on synchronous and metachronous esophageal squamous cell carcinoma in patients with head and neck cancer. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
57. Huang CC, **Chien CY**. The preoperative plasma osteopontin in patients with oral cancer - a long term clinical result. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
58. Chen WC, **Chien CY**, Chuang HC. Superficial Parotidectomy Assisted by LigaSure Vessel Sealing System. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
59. Lee SH, Fang FM, **Chien CY**. Efficacy of dose-modified chemotherapy with docetaxel, cisplatin, and 5-Fluorouracil for Asian patients with head and neck squamous cell carcinoma in betel-chewing area. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
60. Fang FM, **Chien CY**. PROGNOSTIC VALUE OF QUALITY OF LIFE DURING FOLLOW-UP ON SURVIVAL FOR PATIENTS WITH NASOPHARYNGEAL CARCINOMA AFTER TREATMENT. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
61. Lee Y, **Chien CY**, Fang FM, Chiu NM, Chong MY. The morbidity and predictors of depressive disorder in patients with head and neck cancer in South Taiwan: a 6-month follow-up study. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
62. Su YY, **Chien CY**, Tseng LS. To do or not to do elective neck dissection among patients of oral cancer with cT1N0M0 stage. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
63. Luo SD, Hwang CF, **Chien CY**, Chen CH. Leptin overexpression is associated with tumor progression

and a poor prognosis in nasopharyngeal carcinomas. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada

64. **Chien CY**, Chen CH. The expression of Activin Receptor-Like Kinase 1 in HNSCC. American Academy of Otolaryngology-Head and Neck Surgery Foundation 115<sup>th</sup> Annual Meeting, 09-12 Sep 2012, Washington DC, USA.
65. Lin LM, Wu LH, Hsieh HN, Lin HF, Jan SJ, **CY Chien**, Luo SD. Use of innovative modifications to establish the safety culture of nursing care of head and neck cancer surgery. The 3rd Congress of Asian Society of Head and Neck Oncology. Cebu, Philippine, March 20-22, 2013.
66. Yang JCS, **Chien CY**. External plating with secondary free osteocutaneous fibular flap reconstruction after segmental mandibulectomy for patients with oral cancer. The 3rd Congress of Asian Society of Head and Neck Oncology. Cebu, Philippine, March 20-22, 2013.
67. Lin YT, Chuang HC, Lu CT, **Chien CY**. Triple Positive Pathological Finding in Oral Cavity Cancer is related to a Worse Prognosis. Fifth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), New York, USA, July 26-30, 2014.
68. Chuang HC, Huang CC, **Chien CY**. Intraoperative chemodetection of precancerous or cancerous lesions of HNSCC. Fifth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), New York, USA, July 26-30, 2014.
69. Lin YT, Wang HC, **Chien CY**. Short-term clinical outcome of endoscopic skull base surgery for skull-base tumor. 13<sup>th</sup> Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
70. Liao CC, Luo SD. Simultaneously Bilateral Adenoid Cystic Carcinoma of Parotid Gland: a Rare Case Report and Literature Review. 13<sup>th</sup> Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
71. Luo SD. The Role of Endoscopic Endonasal Approach for locally Recurrent Nasopharyngeal Carcinoma. 13<sup>th</sup> Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
72. Chuang CH, **Chien CY**. Parotidectomy: What could we do more? 13<sup>th</sup> Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
73. Yeh CW, **Chien CY**. Treatment of synchronous laryngopharyngeal and supracarina esophageal cancer: Kaohsiung CGMH experience. 13<sup>th</sup> Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
74. Wu CN, Su YY, Luo SD. The Use of Middle Turbinate Free Mucosal Graft in Endoscopic Nasopharyngectomy. 13<sup>th</sup> Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
75. Chen CH, **Chien CY**. Aurora-A/FLJ10540/MMP-7/MMP-10 signaling suppression prevents the malignant state of head and neck cancer. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
76. Chen CH, **Chien CY**. Diagnostic and therapeutic potential of angiotensin II type I receptor in head and neck cancer. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
77. Chen CH, **Chien CY**. Metformin inhibits the aggressive phenotype of head and neck cancer cell via Aurora-A axis signaling pathway. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
78. Wang WL, Chen CH, **Chien CY**. The CD105 shows the impact of oral cancer patients and promotes proliferation/metastasis of oral cancer via CCL20. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
79. Luo SD, **Chien CY**. The epidemiology and diagnosis of nasopharyngeal carcinoma. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
80. Lin YT, Wang HC, **Chien CY**. Short-term Clinical Outcome of Endoscopic Endonasal Transsphenoidal Approach for Sellar Tumor. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
81. Huang TL, Fang FM, **Chien CY**. Long-term effects on carotid intima-media thickness after radiotherapy in patients with nasopharyngeal carcinoma. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
82. Fang FM, **Chien CY**. Survival and quality adjusted life expectance for NPC patients treated by IMRT. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
83. Fang FM. The therapeutic benefits of IMRT in the treatment of NPC. The 4th Congress of Asian Society



of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.

84. Li SH, Huang TL, Fang FM, **Chien CY**. Significance of mTOR in patients with stage IVA/IVB HNSCC receiving induction chemotherapy with TPF The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
85. Chen CH, Tsai HT, **Chien CY**. Angiotensin II type 1 receptor contributes to malignant progression in oral squamous cell carcinoma through modulation of FLJ10540/S100A9 signaling. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
86. Chen CH, Tsai HT, **Chien CY**. LSF, a novel marker for human oral carcinogenesis and metastasis. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
87. Wu CN, Chen WJ, Huang HY, **Chien CY**. An Extremely Rare Sinonasal Malignant Tumor, Sinonasal Renal Cell-Like Adenocarcinoma – Report of one case and Literature Review. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
88. Huang TL, Fang FM, **Chien CY**. Quality of life and quality-adjusted life expectance for patients with NPC treated by IMRT—predictive values of clinical stages. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
89. Chuang HC, Fang FM, Huang TL, **Chien CY**. Treatment of p16 negative advanced tonsil cancer: Primary Radiation or Primary Surgery? 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
90. Lee NN, **Chien CY**. Rare case of masticator space hemangioma on a young boy: A 10-year follow-up. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
91. Fang FM, Huang TL, Chuang HC, **Chien CY**. The therapeutic benefit of immediate surgery for T4b squamous cell carcinoma of oral cavity with partial or complete response after chemoradiotherapy. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
92. Lin YT, Wang HC, **Chien CY**. Endoscopic Endonasal Approach for Cavernous Sinus Tumor. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
93. **Chien CY**, Wu CN, Lu H. Prognosis of Neutrophil-to-lymphocyte ratio in early tongue cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 120<sup>th</sup> Annual Meeting, 18-21 Sep 2016, San Diego, USA.
94. Tsai MH, **Chien CY**. Treatment of synchronous laryngopharyngeal and supracarinal esophageal cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 120<sup>th</sup> Annual Meeting, 18-21 Sep 2016, San Diego, USA.
95. YT Lin, **Chien CY**. Induction of Mitotic Delay in Nasopharyngeal Carcinoma Cells Using an Aqueous Extract of *Ajuga bracteosa* (AEAB). The 5<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Bali, Indonesia, March 23-25, 2017.
96. Fang FM, **Chien CY**. Robotic System-based Stereotactic Hypofractionated Radiotherapy in Previously Radiated Un-resectable HNSCC. The 5<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Bali, Indonesia, March 23-25, 2017.
97. Fang FM, **Chien CY**. The 6<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Seoul, Korea, March 27-30, 2017.
98. Lin YT, **Chien CY**. The 6<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Seoul, Korea, March 27-30, 2017.
99. Ho CH, Luo SD, **Chien CY**. The 6<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Seoul, Korea, March 27-30, 2017.
100. Chuang HC, **Chien CY**. Activation of STAT1 induces Interferon-related genes and mediates cisplatin resistance in head and neck cancer cell lines. 2019 American Head and Neck Society Meeting. Austin, Texas, USA, May 1-2, 2019.
101. Chuang HC, **Chien CY**. Treatment and diagnosis of mycobacterial related granulomatous infection in major salivary gland: a single institution experience. 5<sup>th</sup> Congress of European ORL-HNS. Brussels, Belgium, June 29-July 3, 2019.
102. Tsai MC, **Chien CY**. Predictors of inpatient medical expense among patients with total laryngectomy. 5<sup>th</sup> Congress of European ORL-HNS. Brussels, Belgium, June 29-July 3, 2019.

## Invited Speech

1. Oral cancer treatment  
Annual Meeting of Taiwan Auditory and Speech Society. Tainan, Taiwan, Sep-30, 2007
2. Angiogenesis in head and neck cancer.  
Annual Meeting of Taiwan Head and Neck Society. Taipei, Taiwan, May-4th, 2008
3. The new frontier in the treatment of laryngopharyngeal cancer  
2<sup>nd</sup> Cross-Strait Head and Neck Conference, Xiamen, China, July-12, 2008
4. How Important Role of HPV in Oropharyngeal Cancer -- South Taiwan Experience  
Asia-Pacific Congress on Oral Cavity Cancer in Conjunction with the 12<sup>th</sup> Annual Meeting of Taiwan Cooperative Oncology Group. Taipei, Taiwan, Dec 6-7, 2008
5. Advanced tongue cancer treatment—total glossectomy and nearly total glossectomy  
Cross-Strait Symposium of New Advancement in Oral Cancer Management and Reconstruction, Xiamen, China, Dec 13-14, 2008
6. The impact of HPV and related markers in the survival of oropharyngeal cancer among patients from South Taiwan.  
The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
7. Management of oral precancerous lesions. 87<sup>th</sup> Annual Meeting of Taiwan Otolaryngological Society. Taichung, Taiwan, Nov 7-8, 2009.
8. The prevalence rate and clinical significance of HPV in oropharyngeal cancer  
Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
9. The surgical treatment for hypopharyngeal cancer. 89<sup>th</sup> Annual Meeting of Taiwan Otolaryngological Society. Taichung, Taiwan, Nov 13-14, 2010. Taipei, Taiwan
10. Segmental mandibulectomy under surgical navigation with PET/CT scan. Third World Congress of the International Academy of Oral Oncology, Singapore 14 – 17 July 2011.
11. Improved survival among advanced HNSCC patients taking metformin for diabetes mellitus control. The 19<sup>th</sup> Annual International Wu Ho-Su Memorial Congress on Skull Base and Head & Neck Surgery. Taipei, Taiwan. 27-28 Aug, 2011
12. Surgical salvage for patients with T4b oral cancer failed the concurrent chemoradiation. The 2<sup>nd</sup> Congress of Asian Society of Head and Neck Oncology. Goa, India, Oct 6-9, 2011.
13. HPV and Oropharyngeal Cancer 2011 3<sup>rd</sup> World Chinese Otorhinolaryngology Head & Neck Surgery. Kaohsiung, Taiwan, Nov 11-12, 2011.
14. HPV in Oropharyngeal Cancer in a Region of Betel Nut Chewing. The 11th Japan-Taiwan Conference on Otolaryngology-Head and Neck Surgery. Kobe, Japan, Dec 8-9, 2011.
15. Diagnostic and treatment of Head & Neck tumor dialogue between Clinicians and Radiologist. 2011 Annual Meeting of Neuroradiological Society of Taiwan. Kaohsiung, Taiwan. Dec 17, 2011.
16. The application of transnasal esophagoscopy in head and neck cancer. International Symposium to be held in commemoration of retirement of Professor Kwang Hyun Kim. Seoul, Korea. Feb 2, 2013.
17. Transnasal Esophagoscopy. The 3rd Congress of Asian Society of Head and Neck Oncology. Cebu, Philippine, March 20-22, 2013.
18. Intraoperative Chemodetection of Pre-Cancer and Cancer Lesions for Patients with HNSCC. The 3rd Congress of Asian Society of Head and Neck Oncology. Cebu, Philippine, March 20-22, 2013.
19. The survey of synchronous and metachronous esophageal cancer among patients with HNSCC– the role of head and neck surgeon. 20<sup>th</sup> IFOS World Congress, Seoul, Korea, June 1-5, 2013.
20. The topography and clinical significance of HPV in HNSCC. 20<sup>th</sup> IFOS World Congress, Seoul, Korea, June 1-5, 2013.
21. The topography and clinical significance of HPV in HNSCC. The 12th Japan-Taiwan Conference on Otolaryngology-Head and Neck Surgery. Taipei, Taiwan, Dec 5-6, 2013.
22. Regional variations in oral cancer around the world: Epidemiology and oral mucosa screening program panel. Fifth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), New York, USA, July 26-30, 2014.
23. Treatment of synchronous laryngopharyngeal cancer and supracarina esophageal cancer: Kaohsiung Chang Gung Hospital Experience. 2014 Chang Gung Memorial Hospital Synchronous Head and Neck and Esophageal Cancer Symposium. Tao-Yuen, Taiwan, Dec 6, 2014.
24. Treatment of Locally Advanced T4b Oral Cancer. 13<sup>th</sup> Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
25. Treatment of Locally Advanced T4b Oral Cancer. The 4<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 4-6, 2015.

26. Treatment p16 negative tonsil cancer.” Primary radiation or Primary surgery?” The 13th Japan-Taiwan Conference on Otolaryngology-Head and Neck Surgery. Tokyo, Japan, Dec 5-6, 2015.
27. Overview in Nasopharyngeal carcinoma. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
28. Treatment of Locally Advanced T4b Oral Cancer-KCGMH Experience. The 5<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Bali, Indonesia, March 23-25, 2017.
29. Clinical Impact of Metformin in Oral Cancer. The 5<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Bali, Indonesia, March 23-25, 2017.
30. Treatment of p16 Negative Resectable Advanced Tonsillar Cancer: Our Experience. April 21 2017, Cheonan, Dankook University, Korea.
31. Treatment of Locally Advanced Oral Cancer: Our Strategy and Future Prospect. International Congress of ORL-HNS 2017 (ICORL 2017), April 22-23. Seoul, Korea
32. Improved Quality of Life and Clinical Outcomes in Nasopharyngeal Carcinoma by Modern Therapeutic Strategy. 21<sup>th</sup> IFOS World Congress, Paris, France, June 24-28, 2017.
33. Treatment of Locally Advanced Oral Cancer: Taiwan Experience. UAE Cancer Conference Oct 6 2017. Dubai, United Arab Emirates.
34. The survival of OPX cancer in Taiwan. 1<sup>st</sup> Taiwan-Korea Conference of Head and Neck Science, Jan 13, 2018 Kaohsiung, Taiwan.
35. Clinical Impact of Human Papillomavirus in Head and Neck Cancer. Pathology Day: Updates on Tumor Pathology and Implications in Treatment. Taiwan Society of Pathology. Sep 10 2018 Taichung, Taiwan.
36. From Bench to Clinical Application in Oral Cancer. Autumn Conference of Korean Society of Thryoid-Head and Neck Surgery, Nov 9<sup>th</sup> – 10<sup>th</sup> 2018, Seoul, Korea.
37. Prognostic Biomarker in Head and Neck Cancer. The 6<sup>th</sup> Congress of Asian Society of Head and Neck Oncology. Seoul, Korea, March 27-30, 2017.
38. Survivorship of HNSCC in Taiwan-Head and Neck Core Curriculum Series. Department of Head and Neck Surgery, MD Anderson Cancer Center, Houston, Texas, USA, April 24, 2019.
39. History of Neck Dissection. 106<sup>th</sup> Meeting of Taiwan Otolaryngology Head and Neck Surgery Society. Taichung, Taiwan. May 4, 2019.
40. Advanced techniques for diagnosis of hypopharyngeal cancer and its association with esophageal cancer in Taiwan. 5<sup>th</sup> Congress of European ORL-HNS. Brussels, Belgium, June 29-July 3, 2019.
41. Asia-Oceania US Educational Satellite Symposium-Oral Cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 123<sup>th</sup> Annual Meeting, 17 Sep 2019, New Orleans, USA.