

BIOGRAPHICAL SKETCH

NAME in English Kai-Ping Chang	POSITION TITLE Asistant Professor, Chang Gung University; Clinical Associate Professor, Chang Gung Memorial Hospital		
NAME in Chinese 張凱評			
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Chang Gung University	M.D.	06/96	Medicine
Chang Gung University	Ph.D.	06/08	Clinical Medical Sciences

A. Positions and Honors

Positions and Employment

1998-2002 Resident, Department of Otolaryngology-Head & Neck Surgery, Chang Gung Memorial Hospital, Lin-Ko, Taipei
2002- Attending Physician, Department of Otolaryngology-Head & Neck Surgery, Chang Gung Memorial Hospital, Lin-Ko, Taipei, Taiwan
2005-2008 Lecturer, Chang Gung University, Kwei-Shan, Tao-Yuan, Taiwan
2008- Assistant Professor, Chang Gung University, Kwei-Shan, Tao-Yuan, Taiwan
2010- Clinical Associate Professor, Department of Otolaryngology-Head & Neck Surgery, Chang Gung Memorial Hospital, Lin-Ko, Taipei, Taiwan

Other Experience and Professional Memberships

1998- Member, Taiwan Society of Otolaryngology – Head & Neck Surgery
2002- Member, American Academy of Otolaryngology – Head & Neck Surgery
2006- Member, Taiwan Clinical Oncology Society
2008 Member, American Academy of Cancer Research (AACR, Active Member)
2008- Director, Taiwan Head & Neck Society

Honors

2008 2008 AAOHNS (American Academy of Otolaryngology – Head & Neck Surgery) Honor Award

B. Selected Peer-reviewed Publications (2005-2010) (in chronological order)

1. **Chang KP**, Chen YL, Hao SP, Chen SM. 2005; 132(1): Echo-guided closed drainage for abscesses of the head and neck. **Otolaryngol Head Neck Surg.** 119-124. (SCI, IF=1.463; Otorhinolaryngology 13/36)
2. Wu CC, Chien KY, Tsang NM, **Chang KP**, Hao SP, Tsao CH, Chang YS, Yu JS. 2005; 5(12): Cancer cell-Secreted Proteomes as a Basis for Searching Potential Tumor Markers - Nasopharyngeal Carcinoma as a Model. **Proteomics.** 3173-3182. (SCI, IF=4.426; Biomedical research method 11/65) (**NSC91-2320-B-182-038 & NSC92-2320- B-182-047**)

3. **Chang KP**, Lee LY, Yeh AR, Dai TS, Hao SP. 2005; 27(11): Endoscopic CO₂ Laser Surgery for an Atypical Carcinoid Tumor of the Epiglottis Masquerading as a Supraglottic Cyst. **Head Neck**. 1004-1007. (SCI, IF=2.283; Otorhinolaryngology 2/31)
4. Lin SY, **Chang KP**, Hsiesh MS, Hao SP, Tseng CK, Pai PC, Chang FT, Tsang NM. 2005; 63(5): The time frame for Epstein-Barr virus Latent Membrane Protein-1 (EBV LMP-1) to disappear after initiation of primary radiotherapy is an independently significant prognostic factor predicting local control for the patients with nasopharyngeal carcinoma. **Int J Radiat Oncol Biol Phys**. 1339–1346. (SCI) (NSC 89-2314-B-182A-089-M08 & NSC 93-2314-B-182A-128)
5. **Chang KP**, Hao SP, Lin SY, Ueng SH, Pai PC, Tsao KC, Tseng CK, Hseuh C, Hsiesh MS, Yu JS, Tsang NM, 2006; 116(4): The 30-bp Deletion of EBV LMP-1 Gene Has No Effect in Nasopharyngeal Carcinoma. **Laryngoscope**. 541-546. (SCI, IF=2.018; Otorhinolaryngology 7/36) (NSC88-2314-B-182A-010 & NSC92-2314-B-182A-207)
6. Yazar S, Cheng MH, Wei FC, Hao SP, **Chang KP**. 2006; 28:Osteomyocutaneous Peroneal Artery Perforator Flap for Reconstruction of Composite Maxillary Defects. **Head Neck**. 297-304. (SCI, IF=2.283; Otorhinolaryngology 2/36)
7. Hao SP, Tsang NM, **Chang KP**, Chen CK, Huang SS. 2006; 116: Treatment of Squamous Cell Carcinoma of the Retromolar Trigone. **Laryngoscope**. 916-920. (SCI, IF=2.018; Otorhinolaryngology 7/36)
8. Cheng TY, Ueng SH, Chen YL, Chen TM, **Chang KP***. 2006; 29: Oncocytic Schneiderian Papilloma Found in a Recurrent Chronic Paranasal Sinusitis - a Case Report. **Chang Gung Med J**. 336-41. (Corresponding Author)
9. Chen MF, Ueng SH, Jung SM, Chen YL, **Chang KP***. 2006; 29: A Type II First Branchial Cleft Cyst Masquerading as an Infected Parotid Warthin's Tumor. **Chang Gung Med J**. 434-8. (Corresponding Author)
10. Huang HC, **Chang KP**, Chen TM*, Wu KF, Ueng SH. Renal cell carcinoma metastasis in the head and neck. **Chang Gung Med J**. 2006; 29(4 Suppl): 59-65.
11. Liang CW, Li HY, **Chang KP**, Chen CK, Chen YL*. HIV infection initially presenting as sinonasal Burkitt's lymphoma. **Am J Otolaryngol**. 2006; 27: 433-435. (SCI, IF=1.016; Otorhinolaryngology 21/36)
12. Pai PC, Tseng CK, Chuang CC, Wei KC, Hao SP, Hsueh C, **Chang KP**, Tsang NM*. Polymorphism of C-terminal activation region 2 of Epstein-Barr virus latent membrane protein 1 in predicting distant failure and post-metastatic survival in patients with nasopharyngeal carcinoma. **Head Neck**. 2007; 29: 109-119. (SCI, IF=2.283; Otorhinolaryngology 2/36)
13. **Chang KP**, Hao SP, Chiu CT, Cheng MH, Chang YL, Lee YS, Wang TH, Tsai CN*. Promoter Polymorphisms of DNMT3B and the Risk of Head and Neck Squamous Cell Carcinoma in Taiwan: A Case-Control Study. **Oral Oncol**. 2007; 43(4): 345-351. (SCI, IF=3.123; Dentistry, oral surgery & medicine 3/64)
14. Fu CH, **Chang KP**, Lee TJ*. The difference in anatomical and invasive characteristics between primary and secondary paranasal sinus mucocoeles. **Otolaryngol Head Neck Surg**. 2007; 136: 621-625. (SCI, IF=1.463; Otorhinolaryngology 13/36)
15. Hao SP*, Tsang NM, **Chang KP**, Chen CK, Chao WC. Osteoradionecrosis of External Auditory Canal in Nasopharyngeal Carcinoma. **Chang Gung Med J**. 2007; 30: 116-121.
16. Chen YA, **Chang KP**, Lin YS, Hao SP*. A randomized, double-blind, parallel-group study to compare

the efficacy and safety of a once-daily loratadine-pseudoephedrine combination with that of a twice-daily loratadine-pseudoephedrine combination in the treatment of allergic rhinitis. **Eur Arch Otorhinolaryngol.** 2007; 264(9): 1019-25. (SCI, IF=1.167; Otorhinolaryngology 18/36)

17. Tse KP, NM Tsang, Chen KD, Liang Y, Li HP, Hseuh C, **Chang KP**, Yu JS, Hao SP, Hsieh, LL, Chang YS*. 2007;13: Single Nucleotide Polymorphism at -2518 of the MCP-1 Gene Regulatory Region is Associated with Metastasis of Nasopharyngeal Carcinoma. **Clin Cancer Res.** 6320-6326 (SCI, IF=6.747; Oncology 16/165) (**NSC 93-2314-B-182A-128**)
18. **Chang KP**, Hao SP, Tsang NM, Chang YL, Cheng MH, Liu CT, Lee YS, Tsai CL, Lee TJ, Wang TH, Tsai CN*. Gene Expression and Promoter Polymorphisms of DNMT3B in Nasopharyngeal Carcinomas for Taiwanese people: A Case-Control Study. **Oncol Rep.** 2008; 19: 217-222 (SCI, IF=1.588; Oncology 116/165) (**NSC 95-2314-B-182A -105**)
19. Fu CH, Ueng SH, Shao PY, **Chang KP***. Pathology Quiz: Solitary fibrous tumor (SFT) of the submandibular gland. **Arch Otolaryngol Head Neck Surg.** 2008; 134(2): 214-216 (SCI, IF=1.918; Otorhinolaryngology 8/36) (**Corresponding Author**)
20. Hao SP*, Tsang NM, **Chang KP**, Hsu YS, Chen CK, Fang KH. Nasopharyngectomy for recurrent nasopharyngeal carcinoma: a review of 53 patients and prognostic factors. **Acta Oto Laryngol.** 2008;128(4): 473-81 (SCI, IF=0.984; Otorhinolaryngology 23/36)
21. Chen LC, Hseuh C, Tsang NM, Liang Y, **Chang KP**, Hao SP, Yu JS, Chang YS*. Heterogeneous Ribonucleoprotein K and Thymidine Phosphorylase are Independent Prognostic and Therapeutic Markers for Nasopharyngeal Carcinoma. **Clin Cancer Res.** 2008; 14: 3807-3813 (SCI, IF=6.488; Oncology 16/141) (**NSC 93-2314-B-182A-128**) (SCI, IF=6.747; Oncology 16/165)
22. **Chang KP**, Hsu CL, Chang YL, Tsang NM, Chen CK, Lee TJ, Huang CG, Tsao KC, Chang YS, Yu JS, Hao SP*. Complementary Serum Test of Antibodies to Epstein-Barr Virus Nuclear Antigen-1 and Early Antigen: A Possible Alternative for Primary Screening of Nasopharyngeal Carcinoma. **Oral Oncol.** 2008; 44:784-792 (SCI, IF=3.123; Dentistry, oral surgery & medicine 3/64) (**NSC92-2314-B-182A-207**)
23. Wu CC, Peng PH, Chang YT, Huang YS, **Chang KP**, Hao SP, Tsang NM, Yeh CT, Chang YS, Yu JS*. Identification of potential serum markers for nasopharyngeal carcinoma from a xenografted mouse model using Cy dye labeling combined with three-dimensional fractionation. **Proteomics.** 2008; 8 (17): 3605-3620 (SCI, IF=4.426; Biomedical research method 11/65)
24. Cheng CC, **Chang KP**. How we do it: management of tracheobronchial foreign bodies in children. **Clin Otolaryngol.** 2008; 33: 502-503 (SCI, IF=1.569; Otorhinolaryngology 12/36)
25. Fu CH, **Chang KP***, Ueng SH, Wu CC, Hao SP. Primary Thyroid-Like Papillary Adenocarcinoma of the Nasopharynx. **Auris Nasus Larynx.** 2008; 35(4): 579-582 (SCI, IF=0.632; Otorhinolaryngology 28/36) (**Corresponding Author**)
26. **Chang KP**, Hao SP, Chang JH, Wu CC, Tsang NM, Lee YS, Hsu CL, Ueng SH, Liau SC, Liu YL, Wei PC, Liang Y, Chang YS, Yu JS*. Macrophage Inflammatory Protein-3 α Is a Novel Serum Marker for Nasopharyngeal Carcinoma Detection and Prediction of Treatment Outcomes. **Clin Cancer Res.** 2008; 14(21): 6979-6987 (SCI, IF=6.747; Oncology 16/165) (**NSC94-2314-B-182A-188 & NSC96-2314-B-182A-109-MY3**)
27. Cheng MH*, Saint-Cyr M, Ali RS, **Chang KP**, Hao SP, Wei FC. Osteomyocutaneous peroneal artery-based combined flap for reconstruction of composite and en bloc mandibular defects. **Head Neck.** 2009; 31: 361-370 (SCI, IF=2.283; Otorhinolaryngology 2/36)
28. Lee TJ, Huang CC, Chen YW, **Chang KP**, Fu CH, Chang PH*. Medially originated inverted papilloma.

Otolaryngol Head Neck Surg. 2009; 140(3): 324-9 (SCI, IF=1.463; Otorhinolaryngology 13/16)

29. Chen HC, Chen GH, Chen YS, Liao WL, Liu CY, **Chang KP**, Chang YS, Chen SJ*. MicroRNA Deregulation and Pathway Alterations in Nasopharyngeal Carcinoma. **B J Cancer.** 2009; 100: 1002-1011 (SCI, IF=4.346; Oncology 35/165)
30. Chi LM, Lee CW, **Chang KP**, Hao SP, Lee HM, Liang Y, Hsueh C, Yu CJ, Lee IN, Chang YJ, Lee SY, Yeh YM, Chang YS, Chien KY, Yu JS. Enhanced interferon signaling pathway in oral cancer revealed by quantitative proteome analysis of microdissected specimens using ¹⁶O/¹⁸O labeling and integrated 2DLC-ESI-MALDI tandem MS. **Mol Cell Proteomics.** 2009; 8(7): 1453-74. (SCI, IF=8.791; Biomedical research method 2/65)
31. Hsin LJ, Fang TJ, **Chang KP***, Fang KH, Tsang NM, Chen YL, Jung SM, Yeh AR, Hao SP. Transoral Endoscopic CO₂ Laser Microsurgery for Early Laryngeal Cancers. **Chang Gung Med J.** 2009; 32: 517-25. **(Corresponding Author)**
32. Tse KP, Su WH, **Chang KP**, Tsang NM, Yu CJ, Tang P, See LC, Hsueh C, Yang ML, Hao SP, Li HY, Wang MH, Liao LP, Chen LC, Lin SR, Jorgensen TJ, Chang YS, Shugart YY. Genome-wide association study reveals multiple nasopharyngeal carcinoma-associated loci within the HLA region at chromosome 6p21.3. **Am J Hum Genet.** 2009; 85(2): 194-203. (SCI, IF=12.303; Genetics & Heredity 4/144)
33. Lee LY, **Chang KP**, Hsu CL, Chen TC, Kuo TT*. Small-Cell Neuroendocrine Carcinoma of the Nasopharynx: Report of a Rare Case Lacking Association with Epstein-Barr Virus. **Int J Surg Path.** 2008 Oct 12 [Epub ahead of print] (SCI, IF=0.912; Surgery 108/166)
34. Kao HK, **Chang KP**, Ching WC, Tsao CK, Chen HC, Cheng MH*, Wei FC. The Impacts of Liver Cirrhosis on Head and Neck Cancer Patients Undergoing Microsurgical Free Tissue Transfer: An Evaluation of Flap Outcome and Flap-Related Complications. **Oral Oncol.** 2009; 45: 1058-1062. (SCI, IF=3.123; Dentistry, oral surgery & medicine 3/64)
35. Kao HK, **Chang KP**, Cheng MH*, Wei FC. Comparison of Radial Forearm Flap and Medial Sural Artery Perforator Flap for Head and Neck Reconstruction. **Plast Reconstr Surg.** 2009; 124(4): 1125-1132. (SCI, IF=2.743; Surgery 27/166)
36. Fang KH, Kao HK, Cheng MH, Chang YL, Tsang NM, Huang YC, Lee LY, Yu JS, Hao SP, **Chang KP***. 2009: Histological differentiation of primary oral squamous cell carcinomas in betel quid prevalent area. **Otolaryngol Head Neck Surg.** 2009; 141(6): 743-749. (SCI, IF=1.463; Otorhinolaryngology 13/16) **(Corresponding Author)**
37. Chang YH, Wu CC, **Chang KP**, Yu JS, Chang YC, Liao PC*. Cell secretome analysis using hollow fiber culture system leads to the discovery of CLIC1 protein as a novel plasma marker for nasopharyngeal carcinoma. **J Proteome Res** 2009; 8(12):5465-74. (SCI, IF=5.132, Biochemical Research Method 8/65)
38. Tam YY, Li LY, **Chang KP***. Lymphoepithelial Carcinoma of the Nasolacrimal Duct. **Otolaryngol Head Neck Surg.** 2010; 142(1): 144-145. (SCI, IF=1.463; Otorhinolaryngology 13/16) **(Corresponding Author)**
39. Kao HK, **Chang KP**, Ching WC, Tsao CK, Cheng MH*, Wei FC. Postoperative Morbidity and Mortality after Surgical Resection Followed by Microsurgical Free Tissue Transfer for Head and Neck Cancers in Patients with Liver Cirrhosis. **Ann Surg Oncol** 2010; 17(2):536-43. (SCI, IF=4.13; Surgery 6/166)
40. Kao HK, **Chang KP**, Chen YA, Wei FC, Cheng MH*. Anatomical Basis and Versatile Application of Free Medial Sural Artery Perforator Flap for Head and Neck Reconstruction. **Plast Reconstr Surg.** 2010;

125(4):1135-45. (SCI, IF=2.743; Surgery 27/166)

41. **Chang KP**, Kao HK, Liang Y, Cheng MH, Chang YL, Liu SC, Lin YC, Ko TY, Lee YS, Tsai CL, Wang TH, Hao SP*, Tsai CN*. Overexpression of activin A is associated with poor prognosis in patients with oral squamous cell carcinoma and promotes the proliferation, motility and invasion of oral cancer cells. **Ann Surg Oncol** 2010; 17(7):1945-56. (SCI, IF=4.13; Surgery 6/166)
42. Wu CC, Hsu CW, Chen CD, Yu CJ, **Chang KP**, Tai DI, Liu HP, Su WH, Chang YS, Yu JS*. Candidate serological biomarkers for cancer identified from the secretomes of 23 cancer cell lines and the human protein atlas. **Mol Cell Proteomics**. 2010; 9(6):1100-17. (SCI, IF=8.791; Biomedical research method 2/65)
43. Hsueh C*, Chang YS, Tseng NM, Liao CT, Hsueh S, Chang JH, Wu IC, **Chang KP**. Expression pattern and prognostic significance of claudins 1, 4, and 7 in nasopharyngeal carcinoma. **Hum Pathol**. 2010; 41(7):944-50. (SCI, IF=2.961; Pathology 19/71)
44. **Chang KP**, Wu CC, Chen HC, Chen SJ, Peng PH, Tsang NM, Lee LY, Liu SC, Liang Y, Lee YS, Hao SP, Chang YS, Yu JS*. Identification of Candidate Nasopharyngeal Carcinoma Serum Biomarkers by Cancer Cell Secretome and Tissue Transcriptome Analysis: Potential Usage of Cystatin A for Predicting Nodal Stage and Poor Prognosis. **Proteomics**. 2010; 10: 2644-2660. (SCI, IF=4.426; Biomedical research method 11/65)
45. Ng SH*, Chan SC, Yen TC, Liao CT, Chang JT, Ko SF, Wang HM, Lin CY, **Chang KP**, Lin YC. Comprehensive imaging of residual/recurrent nasopharyngeal carcinoma using whole-body MRI at 3 T compared with FDG-PET-CT. **Eur Radiol**. 2010; 20(9):2229-40. (SCI, IF=3.589; Radiology, Nuclear Medicine & Medical Imaging 13/104)
46. Kao HK, Guo LF, Cheng MH, Chen IH, Liao CT, Fang KH, Yu JS, **Chang KP***. Predicting Postoperative Morbidity and Mortality by MELD Score for Patients with Head and Neck Cancer and Liver Cirrhosis. **Head Neck**. 2010 Jul 27. [Epub ahead of print] (SCI, IF=2.283; Otorhinolaryngology 2/36) (**Corresponding Author**)
47. **Chang KP**, Chang YT, Wu CC, Liu YL, Chen MC, Tsang NM, Hsu CL, Chang YS, Yu JS*. Multiplexed immunobead-based profiling of cytokine markers for detection of nasopharyngeal carcinoma and prognosis of patient survival. **Head Neck**. (In Press, SCI, IF=2.283; Otorhinolaryngology 2/36)
48. Chan WH, **Chang KP**, Yang SW, Yao TC, Ko TY, Lee YS, Tsai CL, Tsai CN*. Transcriptional repression of DLEC1 associated with depth of tumor invasion in oral squamous cell carcinoma. **Oral Oncol**. (In Press, SCI, IF=3.123; Dentistry, oral surgery & medicine 3/64)
49. Chen SJ, Chen GH, Chen YH, Liu CY, **Chang KP**, Chang YS, Chen HC. Characterization of Epstein-Barr virus miRNAome in nasopharyngeal carcinoma by deep sequencing. **PLoS One**. 2010;5(9). pii: e12745.

C. Research Support

Ongoing Research Support

1. NSC99-2314-B-182A-034-MY3 (2010.08 - 2013.07) (Principal Investigator)
Evaluation of the potential of microRNAs in circulation as novel biomarkers for oral cancer.
2. CMRPG380791, CMRPG380792 (2009.06 - 2012.5) (Principal Investigator)
Identification of potential roles of activins and activins-related proteins in the tumorigenesis and phenotypes of oral squamous cell carcinomas

3. CMRPG381111 (2009.11 - 2012.10) (Principal Investigator)
Identification of potential biomarkers and associated mechanisms for metastasizing capability of oral squamous cell carcinomas based on transcriptomes and microRNA profiles.
4. CMRPG390641 (2010.04 - 2011.03) (Principal Investigator)
Identification of potential biomarkers and associated mechanisms for nasopharyngeal carcinomas based on human and EBV microRNA profiles.

Completed Research Support (2006-2010)

1. NSC 95-2314-B-182A-105 (2006.08 - 2007.07) (Principal Investigator)
The association between the over-expression, alternative splicing isoform, and promoter polymorphism of DNMT1, 3a, and 3b and the clinical manifestation in nasopharyngeal carcinoma.
2. NSC96-2314-B-182A-109-MY3 (2007.08 - 2010.07) (Principal Investigator)
Identification of potential roles of proteases and protease inhibitors in the local invasion and distant metastasis of NPC cells based on the preliminary results of cDNA microarrays.
3. CMRPG360211, CMRPG360212, CMRPG 360213 (2007.01 – 2010.02) (Principal Investigator)
Identification of potential biomarkers for NPC based on the preliminary results of cDNA microarray – from a global genomic viewpoint.