

## BIOGRAPHICAL SKETCH



NAME in English <b>Hsin-Pai Li</b>	POSITION TITLE <b>Associate Professor</b>
NAME in Chinese <b>黎欣白</b>	

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
<b>Dept. of Soil Science, National Chung Hsing University, Taiwan</b>	<b>BS</b>	<b>06/1990</b>	<b>Agriculture</b>
<b>Dept. of Microbiology &amp; Immunology, University of Southern California (USA)</b>	<b>PhD</b>	<b>06/1998</b>	<b>Microbiology</b>

## A. Positions and Honors

### Positions and Employment

- ◆ **Post-doctoral Fellow 1998-2003**  
Chang Gung University, Department of Microbiology & Immunology  
Epstein Barr Virus & Nasopharyngeal Carcinoma
- ◆ **Research Faculty 2003-2008**  
Chang Gung Memorial Hospital/ Department of Medical Research  
SARS Research Group: (2003-2004, SARS Antigen Core)  
  
Chang Gung University/ Department of Microbiology & Immunology  
Epstein Barr Virus (EBV) & Nasopharyngeal Carcinoma
- ◆ **Assistant Professor 2008-2015**  
Chang Gung University/ Department of Microbiology & Immunology  
EBV, Nasopharyngeal Carcinoma & DNA Methylation
- ◆ **Associate Professor 2015-now**  
Chang Gung University/ Department of Microbiology & Immunology  
Chang Gung Memorial Hospital/ Hematology and Oncology  
EBV, Nasopharyngeal Carcinoma & DNA Methylation

## B. Selected Peer-reviewed Publications (2012-2017) (in chronological order)

Referred papers (\*first/equal contribution or corresponding author)

Ting-Wen Chen, Chi-Ching Lee, Hsuan Liu, Chi-Sheng Wu, Curtis R. Pickering, Po-Jung Huang, Jing Wang, Ian Yi-Feng Chang, Yuan-Ming Yeh, Chih-De Chen, Hsin-Pai Li, Ji-Dung Luo, Bertrand Chin-Ming Tan, Timothy En Haw Chan, Chuen Hsueh, Lichieh Julie Chu, Yi-Ting Chen, Bing Zhang, Chia-Yu Yang, Chih-Ching Wu, Chia-Wei Hsu, Lai-Chu See, Petrus Tang, Jau-Song Yu, Wei-Chao Liao, Wei-Fan Chiang, Henry Rodriguez, Jeffrey N. Myers, Kai-Ping Chang & Yu-Sun Chang

APOBEC3A is an oral cancer prognostic biomarker in Taiwanese carriers of an APOBEC deletion polymorphism

Nature Communication 2017; 6;8(1):465 (IF=12.124; R/C=3/64=4.6%; MULTIDISCIPLINARY SCIENCES)

I-Che Chung, Chun-Nan OuYang, Sheng-Ning Yuan, Hsin-Pai Li, Jeng-Ting Chen, Hui-Ru Shieh, Yu-Jen Chen, David M. Ojcius, Ching-Liang Chu, Jau-Song Yu, Yu-Sun Chang & Lih-Chyang Chen

Pyk2 activates the NLRP3 inflammasome by directly phosphorylating ASC and contributes to inflammasome-dependent peritonitis

Scientific Report 2016; 6:36214 (IF=5.228; R/C=7/63=11.1%; MULTIDISCIPLINARY SCIENCES)

Hung-Ming Wang\*, Tung-Liang Lin\*, Yung-Chia Kuo, Hsin-Pai Li, Kai-Ping Chang, Chien-Yu Lin, Hsien-Chi Fan, An-Chi Lin, Chia-Hsun Hsieh, Ngan-Ming Tsang, Li-Yu Lee, Sheng-Chieh Chan, Kar-Wai Lui, Yu-Sun Chang, Cheng-Lung Hsu

Correlation between overall survival and differential plasma and tissue tumor marker expression in nasopharyngeal carcinoma patients with different sites of organ metastasis

Oncotarget 2016; (7)33:53217-53229 (IF=5.008; R/C= 21/211=10%; ONCOLOGY)

Mei Chao, Chia-Chi Lin, Feng-Ming Lin, Hsin-Pai Li and Shan-Bei Iang

Whole-genome analysis of genetic recombination of hepatitis delta virus: molecular domain in delta antigen determining trans-activating efficiency

Journal of General Virology 2015, 96:3460–3469 (IF=3.192; R/C= 45/163=27.6%; BIOTECHNOLOGY & APPLIED MICROBIOLOGY)

Chia-Chi Lin, Chi-Ching Lee, Siao-Han Lin, Po-Jung Huang, Hsin-Pai Li, Yu-Sun Chang, Petrus Tang\*, Mei Chao\*

RNA recombination in Hepatitis delta virus: Identification of a novel naturally occurring recombinant

Journal of Microbiology, Immunology and Infection (2015) (IF=2.955; R/C= 27/83=32.5%; INFECTIOUS DISEASES)

Cheng-Lung Hsu, Yung-Chia Kuo, Yen-lin Huang, Yin-Cheng Huang, Kar-Wai Lui, Kai-Ping Chang, Tung-Liang Lin, Hsien-Chi Fan, An-Chi Lin, Chia-Hsun Hsieh, Li-Yu Lee, Hung-Ming Wang, Hsin-Pai Li, Yu-Sun Chang

Application of a patient-derived xenograft model in cytolytic viral activation therapy for nasopharyngeal carcinoma

Oncotarget 2015; (6)31: 31323-31334 (IF=5.008; R/C= 21/211=10%; ONCOLOGY)

Hsin-Pai Li†\*, Hsin-Yi Huang+, Yi-Ru Lai, Jing-Xuan Huang, Kai-Ping Chang, Chuen Hsueh and Yu-Sun Chang (†Co-first author; \*Corresponding)

Silencing of miRNA-148a by hypermethylation activates the integrin-mediated signaling pathway in nasopharyngeal carcinoma

Oncotarget 2014; (5)17:7610-24 (IF=5.008; R/C= 21/211=10%; ONCOLOGY)

Ting-Wen Chen†, Hsin-Pai Li†, Chi-Ching Lee, Ruei-Chi Gan, Po-Jung Huang, Timothy H Wu, Cheng-Yang Lee, Yi-Feng Chang and Petrus Tang\* (†Co-first author)

**ChIPseek, a web-based analysis tool for ChIP data**

**BMC Genomics 2014, 15:539 (IF=3.867; R/C=26/163=16%; BIOTECHNOLOGY & APPLIED MICROBIOLOGY)**

**I-Che Chung†, Lih-Chyang Chen†, An-Ko Chung, Mei Chao, Hsin-Yi Huang, Chuen Hsueh, Ngan-Ming Tsang, Kai-Ping Chang, Ying Liang, Hsin-Pai Li\* and Yu-Sun Chang\* (\*Co-corresponding)**

**Matrix metalloproteinase 12 is induced by heterogeneous nuclear ribonucleoprotein K and promotes migration and invasion in nasopharyngeal carcinoma**

**BMC Cancer 2014, 14:348-361 (IF=3.265; R/C=81/211=38.3%; ONCOLOGY)**

**Hsin-Pai Li\*†, Chen-Ching Peng+, I-Che Chung, Mei-Yuan Huang, Shao-Tung Huang, Chia-Chun Chen, Kai-Ping Chang, Cheng-Lung Hsu, Yu-Sun Chang (†Co-first author; \*Corresponding)**

**Aberrantly Hypermethylated Homeobox A2 Derepresses Metalloproteinase-9 Through TBP and Promotes Invasion in Nasopharyngeal Carcinoma**

**Oncotarget 2013; 4: 2154-2165 (IF=5.008; R/C= 21/211=10%; ONCOLOGY)**

**Wen-I Lee\*, Jainn-Jim Lin, Meng-Ying Hsieh, Syh-Jae Lin, Tang-Her Jaing, Shih-Hsiang Chen5, Iou-Jih Hung, Chao-Ping Yang, Chin-Jung Chen, Yhu-Chering Huang, Hsin-Pai Li, Jing-Long Huang\***

**Immunologic Difference between Hypersensitivity to Mosquito Bite and Hemophagocytic Lymphohistiocytosis Associated with Epstein-Barr Virus Infection**

**PLoS ONE 2013; Volume 8 | Issue 10 | e76711 (IF=3.057; R/C= 11/63=17.4%, MULTIDISCIPLINARY SCIENCES)**

**Cheng-Lung Hsu, Kai-Ping Chang, Chien-Yu Lin, Hsien-Kun Chang, Cheng-Hsu Wang, Tung-Liang Lin, Chun-Ta Liao, Ngan-Ming Tsang, Li-Yu Lee, Sheng-Chieh Chan, Shu-Hang Ng, Hsin-Pai Li, Yu-Sun Chang and Hung-Ming Wang**

**Plasma EBV DNA Concentration and Clearance Rate as Novel Prognostic Factors for Metastatic Nasopharyngeal Carcinoma**

**Head & Neck 2012; 1-8 DOI: 10.1002/hed.21890 (IF=2.76; R/C= 3/43= 6.97%, OTORHINOLARYNGOLOGY)**

## **Book chapters**

**Hsin-Pai Li, Mei Chao, Su-Jen Chen, Yu-Sun Chang**

**Human Oncogenic Viruses: Epstein-Barr Virus and Its Oncogenesis (Invited Chapter)**

**p. 209-267**

**ISBN: 978-981-283-346-4**

**World Scientific 2010, Editors: Jing-Hsiung James Ou and T. S. Benedict Yen**

## **C. Research Support**

### **Ongoing Research Support**

NMRPD1E0773 Ministry of Science & Technology

Aberrant epigenetic regulation of miRNAs and dysregulated signaling pathways in NPC (3/3)

2017/8/1-

CMRPD1G0471 Chang Gung Memorial Hospital

DNA methylation of tumor suppressor microRNAs in NPC

2017/10/1-

### **Completed Research Support (2006-2010)**

CMRPD170371 Chang Gung Memorial Hospital

Characterization of the Epigenetic Alterations in NPC

2008/9/1-2009/12/31

NSC-98-2320-B-182-033-MY2 (NMRPD180981) National Science Council

Regulation of Hypermethylated Genes in NPC (1/2)

2009/8/1-2010/7/31

CMRPD180391 Chang Gung Memorial Hospital

Epigenetic inactivation of tumor suppressor genes and microRNAs in NPC

2009/12/1-2011/5/31

CMRPD1A0351 Chang Gung Memorial Hospital

Epigenetically regulated microRNA genes in NPC

2010/8/1-2011/7/31

NSC-98-2320-B-182-033-MY2 (NMRPD180982) National Science Council

Regulation of Hypermethylated Genes in NPC (2/2)

NSC-100-2311-B-182-004 (NMRPD1A0301) National Science Council

Identification of hypermethylated microRNA genes in NPC

2011/8/1-2012/7/31

CMRPD1A0352 Chang Gung Memorial Hospital

Epigenetically regulated microRNA genes in NPC

2012/8/1-2013/12/31

CMRPD1D0221 Chang Gung Memorial Hospital

Aberrantly Hypermethylated Homeobox Gene in NPC

2014/2/1-2015/5/31

NSC-101-2320-B-182-013-MY3 (NMRPD1B0893) National Science Council

EBV BART microRNA and NPC metastasis

2014/8/1-2015/7/31

NSC-103-2320-B-182-015 (NMRPD1D0621) National Science Council  
Aberrantly Hypermethylated CLDN11 Gene in NPC  
2014/8/1-2015/7/31

CMRPD3E0071 Chang Gung Memorial Hospital  
Aberrantly expressed microRNAs in NPC  
2015/1/1-2015/12/31

MOST-104-2320-B-182-033-MY3 Ministry of Science & Technology  
Aberrant epigenetic regulation of miRNAs and dysregulated signaling pathways in NPC (1/3)  
2015/8/1-2016/7/31

CMRPD3E0072 Chang Gung Memorial Hospital  
Aberrantly expressed microRNAs in NPC  
2016/1/1-2017/7/31

MOST-104-2320-B-182-033-MY3 (NMRPD1E0772) Ministry of Science & Technology  
Aberrant epigenetic regulation of miRNAs and dysregulated signaling pathways in NPC (2/3)  
2016/8/1-2017/7/31