
BIOGRAPHICAL SKETCH

NAME in English Kwang-Huei Lin	POSITION TITLE Professor, Graduate Institute of Biomedical Sciences
NAME in Chinese 林光輝	

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
National Taiwan University, Taiwan	B.S.	07/75	Zology
University of Alabama, Tuscaloosa	Ph.D.	09/82	Biochemistry
National Cancer Institute, Bethesda	Postdoctora I	08/87	Oncology

A. Positions and Honors

Positions and Employment

1975-1979	B.S., National Taiwan University, Taipei, Taiwan
1982-1984	M.S., University of Alabama
1984-1987	Ph.D., University of Alabama
1987-1990	Visiting Fellow, Laboratory of Molecular Biology National Cancer Institute, National Institute of Health, Bethesda, Maryland.
1990-1992	Visiting Associate, Laboratory of Molecular Biology NCI, NIH. Bethesda, MD
1992-2000	Associate professor, Chang-Gung Medical College, Taoyuan-Hsien, Taiwan
2000-2001	Professor, Department of Biochemistry, & Chairman of premedical program for Department of Traditional Chinese Medicine, Chang-Gung University
2001-2008	Professor, Department of Biochemistry, Director, Graduate Institute of Biomedical Sciences Chang-Gung University
2008-present	Professor/Associate Dean, Chang-Gung University

Other Experience and Professional Memberships

1990-2005	Member of American Thyroid Association
1990-present	Member, American Endocrinology Association
2006-present	Member, American Cancer research Association
2008-present	Associate Editor, Chang-Gung Medical Journal

Honors

2006	Outstanding Research Award, Chang-Gung University, Taiwan
------	---

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

1. C-C Yen, Y-H Huang, C-Y Liao, C-J Liao, W-L Cheng, W-J Chen and K-H Lin (corresponding author) Mediation of the inhibitory effect of thyroid hormone on proliferation of hepatoma cells by TGF- β Vol.36, 9-21. February 2006. *J Molecular Endocrinology*.
2. Y-H Huang, C-Y Lee, P-J Tai, C-C Yen, C-Y Liao, W-J Chen, C-J Liao, W-L Cheng, R-N Chen, S-M Wu, C-S Wang, K-H Lin (corresponding author) Indirect regulation of human dehydroepiandrosterone sulfotransferase (SULT2A1) by thyroid hormones. *Endocrinology* 147 (5):2481-2489, 2006
3. Chang, J-H., Lin, K-H., Shih, C-H., Chang, Y-J., Chi, C-H., and Chen, S-L. Myogenic bHLH proteins regulate the expression of PPAR-gamma coactivator -1 α *Endocrinology*. 147(6):3093-3106. 2006.
4. C-D Chen, C-S Wang, Y-H Huang, K-Y Chien, Y Liang, W-J Chen, K-H Lin Over-expression of CLIC1 in Human Gastric Carcinoma and Its Clinicopathological Significance. *Proteomics* 7:155-167, 2007
5. Bin-Wen Wu, Tai-Long Pan, Yann-Lii Leu, Yu-Kaung Chang, Pei-Ju Tai, K-H Lin, Jim-Tong Horng Antiviral effects of *Salvia miltiorrhiza* (Danshen) against enterovirus 71, *American Journal of Chinese Medicine* :35, 153-168, 2007.
6. Wen-Fang Tang, Shing-Ying Yang, Bin-Wen Wu, Jia-Rong Jheng, Yin-Li Chen, Chung-Hsuan Shih, K-H Lin, Hsin-Chi Lai, Petrus Tang and Jim-Tong Horng (2007) Reticulon 3 binds to 2C protein of enterovirus 71 and is required for viral replication, *Journal of Biological Chemistry* 2007 Feb 23;282(8):5888-98.
7. Pei-Ju Tai, Ya-Hui Huang (equal contribution), Chung-Hsuan Shih, Ruey-Nan Chen, Chi-De Chen, Wei-Jan Chen, Chia-Siu Wang, K-H Lin (corresponding author) Direct regulation of ARA70 by thyroid hormone and its receptors *Endocrinology* 2007 148: 3485-3495.
8. Ruey-Nan Chen, Ya-Hui Huang, Chau-Ting Yeh, Chen-Hsin Liao, K-H Lin (corresponding author) Thyroid hormone receptors suppress pituitary tumor transforming gene 1 activity in hepatoma. *Cancer Res* :68(6),1697-1706, 2008.
9. Ruey-Nan Chen, Ya-Hui Huang, Ya-Chu Lin, Chau-Ting Yeh, Ying Liang, Shen-Liang Chen, K-H Lin (corresponding author): Thyroid hormone promotes cell invasion through activation of furin expression in human hepatoma cell lines *Endocrinology* 149(8):3817-31, 2008.
10. Ya-Hui Huang, Ming-ming Tsai, K-H Lin Thyroid Hormone Dependent Regulation of Target Genes and Its Physiological Significance *Chang Gung Medical J.* 31:325-334, 2008.
11. Wan-Li Cheng, Chia-Siu Wang, Ya-Hui Huang, Ying Liang, Paul Y. Lin, Chuen Hsueh, Yi-Chin Wu, Wei-Jan Chen, Chia-Jung Yu, Sheue-Rong Lin, and K-H Lin (corresponding author) Overexpression of a secretory leukocyte protease inhibitor in human gastric cancer *International J Cancer* 123, 1787–1796, 2008.
12. W-J Chen, J-H Pang, K-H Lin and S-H Yang Propylthiouracil, independent of its antithyroid effect, decreases VSMC collagen expression *Basic Research in Cardiology* 104: 60-68, 2009.
13. Chen-Shin Liao, Pei-Ju Tai, Ya-Hui Huang, Ruey-Nan Chen, Sheng-Ming Wu, Lu-Wei Kuo, Chau-Ting Yeh, Ming-Ming Tsai, Wei-Jan Chen, K-H Lin (corresponding author). Regulation of AKR1B1 by thyroid hormone and its receptors *Mol. Cell. Endo.* 307 (June), 109-117, 2009.
14. Chen WJ, Pang JH, Lin KH, Lee DY, Hsu LA, Kuo CT Propylthiouracil, independent of its antithyroid effect, promotes vascular smooth muscle cells differentiation via PTEN induction. *Basic Res Cardiol.* 105: 19-28, 2010.
15. Ya-Hui Huang, Chen-Hsin Liao, Ruey-Nan Chen, Chia-Jung Liao, K-H Lin (corresponding author) Human testicular orphan receptor 4 enhances thyroid hormone receptor signaling. *J cell physiol.* 222(2):347-356, 2010.
16. Chen-Hsin Liao, Shih-Chi Yeh, Ya-Hui Huang, Ruey-Nan Chen, Ming-Ming Tsai, Wei-Jan Chen, Hsiang-Cheng Chi, Pei-Ju Tai, Chia-Jung Liao, Sheng-Ming Wu, Wan-Li Cheng, Li-Mei Pai, K-H

Lin (corresponding author) Positive regulation of spondin 2 by thyroid hormone is associated with cell migration and invasion. *Endocrine-Related Cancer* 17:99-111, 2010

17. Sheng-Ming Wu, Ya-Hui Huang, Yi-hsin Lu, Ling-Fang Chien, Chau-Ting Yeh, Chen-Shin Liao, Ming-ming Tsai, Wei-Jan Chen, Chia-Jung Liao, Wan-Li Cheng, K-H Lin (corresponding author) Thyroid hormone receptor mediated regulation of methionine adenosyltransferase 1 gene is associated with cell invasion. *Cell & Mol Life Sci.* Jun; 67(11):1831-1843. 2010.

C. Research Support

Ongoing Research Support

CMRPD160371-	KH Lin (PI)	10/1/06-9/30/11
Identification and characterization of the differentially expressed proteins in the human cervical carcinomas by proteomic approach 2006 10/1/2006-9/30/2011		
Role: PI		
CMRPD180011-	KH Lin (PI)	01/01/09-12/31/12
Mechanistic study of potential factors involved in hepatocellular carcinoma- The significance of cathepsin H regulated by thyroid hormone receptor in human hepatoma		
CMRPD 170091-93	KH Lin (PI)	05/01/08-04/30/11
Functional significance of Dickkopf-4 positively regulated by thyroid hormone receptor in human hepatoma cells		
CMRPD190401-	KH Lin (PI)	07/1/10-06/30/14
Identification of differentially expressed proteins by microarray as biomarkers for therapeutic in cervical carcinoma		
NMRPD170651-53 (97-2320-B-182-025-MY3)	KH Lin (PI)	08/01/08-07/31/11
Negative regulation mechanism of pituitary tumor transforming gene 1 (PTTG 1) by thyroid hormone and its physiological significance		

Completed Research Support (2006-2010)

NMRPD140511-13 (94-2320-B-182-052)	KH Lin (PI)	08/01/05-07/31/08
Study the regulation mechanism of thyroid hormone receptor target genes		
CMRPD330213	KH Lin (PI)	11/01/04-10/30/07
The mechanism of orphan receptors regulates the thyroid hormone receptor down-stream genes		
CMRPD340133	KH Lin (PI)	05/01/05-04/30/08
Cloning and characterization of thyroid hormone downstream genes including inflammation- or migration-related		