

CURRICULUM VITAE

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EDUCATIONS

2000-2006 Ph.D., Institute of Biochemistry and Molecular Biology, National Taiwan University Taipei, Taiwan

1996-1998 M.S., Graduate Institute of Medical Sciences, Taipei Medical University, Taipei, Taiwan

1992-1996 B.S., School of Pharmacy, Taipei Medical University, Taipei, Taiwan

RESEARCH EXPERIENCES

2009-present Assistant Professor
Department of Life Sciences and Institute of Genome Sciences, National Yang-Ming University, Taipei, Taiwan

2006-2009 Post-doctoral Research Fellow
Institute of Biochemistry and Molecular Biology, National Taiwan University Taipei, Taiwan

2000-2006 Graduate Research Assistant (Ph.D. Student)
Institute of Biochemistry and Molecular Biology, National Taiwan University Taipei, Taiwan

1999-2000 Technician
Department of Biochemistry, College of Medicine, Taipei Medical University, Taipei, Taiwan

PUBLICATIONS

1. **Lee HH**, Tien SC, Jou TS, Chang YC, Jhong JG, and Chang ZF. c-Src-dependent phosphorylation of ROCK participates in regulation of focal adhesion dynamics. *Journal of Cell Science*. (in press)
2. **Lee HH** and Chang ZF. Regulation of RhoA-dependent ROCKII activation by Shp2. *Journal of Cell Biology* 181: p999-1012, 2008. **(Faculty of 1000 in Biology, Recommended)**
3. Chang YC, **Lee HH**, Chen YJ, Bokoch G and Chang, ZF. Contribution of guanine exchange factor H1 in phorbol ester-induced apoptosis. *Cell Death and Differentiation*. 13: p2023-32, 2006.
4. Chang ZF and **Lee HH**. RhoA signaling in phorbol ester-induced apoptosis. *Journal of Biomedical Science*. 13: 173-80, 2006.
5. **Lee HH**, Chien CL, Liao HK, Chen YJ, and Chang ZF. Nuclear efflux of heterogeneous nuclear ribonucleoprotein C1/C2 in apoptotic cells: a novel nuclear export dependent on Rho-associated kinase activation. *Journal of Cell Science*. 17: p5579-89, 2004.
6. Lai LP, Lin JL, Lin CS, Yeh HM, Tsay YG, Lee CF, **Lee HH**, Chang ZF, Hwang JJ, Su MJ, Tseng YZ, Huang SK. Functional genomic study on atrial fibrillation using cDNA microarray and two-dimensional protein electrophoresis techniques and identification of the myosin regulatory light chain isoform reprogramming in atrial fibrillation. *Journal of Cardiovascular Electrophysiology*. 15: 214-23, 2004.
7. Lin CM, Chen CT, **Lee HH**, Lin JK. Prevention of cellular ROS damage by isovitexin and related flavonoids. *Planta Med*. 68: 365-7, 2002.

CONFERENCE ABSTRACTS

1. **Lee HH**, Chien CL, Liao HK, Chen YJ, and Chang ZF. Activation of Rho-associated kinase induces cytosolic translocation of hnRNP C1/C2. The American Society for Cell Biology 43rd Annual Meeting. Dec, 2003.
2. **Lee HH** and Chang ZF. The involvement of Shp-2 in RhoA/ROCK-mediated cell detachment. The American Society for Cell Biology 46th Annual Meeting. Dec, 2006.
3. **Lee HH**, Jou TS, Tien ST and Chang ZF. c-Src and Shp2 cooperate to optimize ROCK activation for focal adhesion turnover. The 9th Hunter Cellular Biology Meeting. Mar, 2009.

INVITED SEMINARS

1. Tyrosine phosphorylation of ROCKII. (Nov, 2007) Institute National de la Santé et de la Recherche Médicale Unité 461, Faculté de Pharmacie Paris-XI, Chatenay-Malabry, France.
2. Investigation of RhoA/ROCK signaling in cell apoptosis and adhesion. (Sep, 2008) Institute of Biomedical Science, National Chung Hsing University. Taiwan.
3. Investigation of RhoA/ROCK signaling in cell apoptosis, adhesion and migration. (May, 2009) Department of Life Sciences and Institute of Genome Sciences, National Yang-Ming University. Taiwan.
4. Regulation of RhoA/ROCK signaling by tyrosine phosphorylation. (Nov, 2009) School of Life Science, National Yang-Ming University. Taiwan.