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POSITION/AFFILIATIONS	CONTACT INFORMATION	
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EDUCATION

INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY
National Chung Hsing University, Taichung, Taiwan	B.S.	1988	Food Science
University of Illinois at Chicago, Chicago, Illinois, USA	Ph.D	2001	Molecular Genetics

Positions and Employment（含現職，由最近者往前追溯）

2022~present	Professor/Director, Graduate Institute of Immunology, National Taiwan University
2022~present	Professor, Institute of Molecular Medicine, National Taiwan University
2014~2022	Associate Professor, Institute of Molecular Medicine, National Taiwan University
2007~2014	Assistant Professor, Institute of Molecular Medicine, National Taiwan University
2005~2007	Assistant Research Scientist, Department of Pharmacology, University of California, San Diego, USA
2002~2005	Postdoctoral Fellow, Department of Pharmacology, University of California, San Diego, USA

Selected publications (*corresponding author)（請擇代表著作，時間先後順序由最近者往前追溯）

1. Lin YS, Chang YC, Chao TL, Tsai YM, Jhuang SJ, Ho YH, Lai TY, Liu YL, Chen CY, Tsai CY, Hsueh YP, Chang SY, Chuang TH, Lee CY, and **Hsu LC***. The Src-ZNRF1 axis controls TLR3 trafficking and interferon responses to limit lung barrier damage. ***J Exp Med***. 2023 Aug 7;220(8):e20220727
2. Lin CC, Shen YR, Chang CC, Guo SY, Young YY, Lai TY, Yu IS, Lee CY, Chuang TH, Tsai HY, and **Hsu LC***. Terminal uridyltransferase 7 regulates TLR4-triggered inflammation by controlling Regnase-1 mRNA uridylation and degradation. ***Nat Commun.*** 2021 Jun 29;12:3878
3. Tseng JC, Chang YC, Huang CM, **Hsu LC*** and Chuang TH*. Therapeutic Development Based on the Immunopathogenic Mechanisms of Psoriasis. ***Pharmaceutics*** 2021 July 11;13(7):1064
4. Shen CH, Chou CC, Lai TY, Hsu JE, Lin YS, Liu HY, Chen YK, Ho IL, Hsu PH, Chuang TH, Lee CY, and **Hsu LC***. ZNRF1 mediates epidermal growth factor receptor ubiquitination to control receptor lysosomal trafficking and degradation. ***Front Cell Dev Biol.*** 2021 Apr 29;9:642625
5. Lee CY, Lai TY, Tsai MK, Chang YC, Ho YH, Yu IS, Yeh TW, Chou CC, Lin YS, Lawrence T, and **Hsu LC*** The Ubiquitin Ligase ZNRF1 promotes caveolin-1 ubiquitination and degradation to modulate inflammation. ***Nat Commun.*** 2017 Jun 8;8:15502
6. Chuang SY, Yang CH, Chou CC, Chiang YP, Chuang TH, **Hsu LC*** TLR-induced PAI-2 expression suppresses IL-1β processing via increasing autophagy and NLRP3 degradation. ***Proc Natl Acad Sci USA.*** 2013 Oct 1;110(40):16079-16084
7. **Hsu LC***, Enzler T, Seita J, Timmer AM, Lee CY, Lai TY, Yu GY, Lai LC, Temkin V, Sinzig U, Aung T, Nizet V, Weissman IL, and Karin M* Interleukin 1β-driven neutrophilia preserves preserve anti-bacterial defense in absence of IKKβ. ***Nat Immunol.*** 2011 Feb;12(2):144-50