
BIOGRAPHICAL SKETCH

NAME in English Chia-Yu Yang	POSITION TITLE Assistant Professor, Department of Microbiology and Immunology
NAME in Chinese 楊佳郁	

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Dept. of Medical Biotechnology and Laboratory Science, Chang Gung University, Taiwan.	B.S.	06/1999	Biochemistry and Molecular Biology
Dept. of Public Health, National Yang-Ming University, Taiwan.	M.S.	07/2001	Molecular Biology
Graduate Institute of Life Sciences, National Defense Medical Center, Taiwan.	Ph.D.	02/2009	Immunology
Institute of Molecular Biology, Academia Sinica, Taiwan	Postdoctoral	12/2009	Immunology
Immunology Research Center, National Health Research Institutes, Taiwan.	Postdoctoral	02/2014	Immunology

A. Positions and Honors

Positions and Employment

2014/03~2016/07 Assistant Research Fellow, Molecular Medicine Research Center, Chang Gung University, Taiwan.

2016/08~ Assistant Professor, Dept. of Microbiology & Immunology, Chang Gung University, Taiwan.

Honors

1. The 9th Ph.D. Student Thesis Research Award, Graduate Institute of Life Sciences, National Defense Medical Center, Taiwan, June 2009. Oral presentation, First Award.
2. International conference of inflammation, cancer and metabolic disorders, Taiwan, November 2011. Outstanding Poster Award.
3. National Health Research Institutes, Research Day, Research competition, Taiwan, March 2012. Excellent Poster Award.
4. International conference of inflammation, cancer and metabolic disorders, Taiwan, November 2012. Outstanding Poster Award.

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

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

1. Wang X, Li JP, Kuo HK, Chiu LL, Dement GA, Lan JL, Chen DY, **Yang CY**, Hu H, Tan TH. (2012) Downregulation of B-cell receptor signaling by hematopoietic progenitor kinase 1 (HPK1)-mediated phosphorylation and ubiquitination of the activated BLNK. **Journal of Biological Chemistry**

287:11037-11048.

2. Chen KR, Chang CH, Huang CY, Lin CY, Lin WY, Lo YC, **Yang CY**, Hsing EW, Chen LF, Shih SR, Shiau AL, Lei HY, Tan TH, Ling P. (2012) TBK1-associated protein in endolysosomes (TAPE)/CC2D1A is a key regulator linking RIG-I-like receptors to antiviral immunity. **Journal of Biological Chemistry** 287:32216-32221.
3. **Yang CY**, Li JP, Chiu LL, Lan JL, Chen DY, Chuang HC, Huang CY, Tan TH. (2014) Dual-specificity phosphatase 14 (DUSP14/MKP6) negatively regulates T-cell receptor signaling by inhibiting TAB1 activation. **Journal of Immunology** 192:1547-1557.
4. Li JP, **Yang CY**, Chuang HC, Lan JL, Chen DY, Chen YM, Wang X, Chen A, Belmont J, Tan TH. (2014) The phosphatase JKAP/DUSP22 inhibits T-cell receptor signaling and autoimmunity by inactivating Lck. **Nature Communications** 5, 3618. DOI: 10.1038/ncomms4618
5. Chuang HC, Sheu W, Lin YT, Tsai CY, **Yang CY**, Cheng YJ, Huang PY, Li JP, Chiu LL, Wang X, Xie M, Schneider M, Tan TH. (2014) HGK/MAP4K4 deficiency induces TRAF2 stabilization and Th17 differentiation leading to insulin resistance. **Nature Communications** 5, 4602. DOI: 10.1038/ncomms5602
6. **Yang CY**, Chiu LL, Tan TH. (2016) TRAF2-mediated Lys63-linked ubiquitination of DUSP14/MKP6 is essential for its phosphatase activity. **Cellular Signalling**, 28, 145-151.
7. Wu KA, Wu CC, Chen CD, Chu CM, Shih LJ, Liu YC, Wang CL, Lin HH, **Yang CY**. (2017) Proteome profiling reveals novel biomarkers to identify complicated parapneumonic effusions. **Scientific Reports** 7(4026):1-10.
8. Chen TW, Lee CC, Liu H, Wu CS, Pickering CR, Huang PJ, Wang J, Chang YF, Yeh YM, Chen CD, Li HP, Luo JD, Tan BC, Chan EH, Hsueh C, Chu LJ, Chen YT, Zhang B, **Yang CY**, Wu CC, Hsu CW, See LC, Tang P, Yu JS, Liao WC, Chiang KW, Rodriguez H, Myers JN, Chang KP, Chang YS. APOBEC3A is an oral cancer prognostic biomarker in Taiwanese carriers of an APOBEC deletion polymorphism. (2017) **Nature Communications** 8(1):465.

C. Research Support

Ongoing Research Support

MOST 104-2321-B-182-009-MY3, Ministry of Science and Technology 08/15-07/18

The role and functional significance of immune regulators in parapneumonic effusions

Role: PI

MOST 106-2632-B-182-002, Ministry of Science and Technology 08/17-07/18

Novel liquid biopsy biomarkers for diagnosing and treating colorectal cancer: an integrated interrogation of CTCs, exosome and immune repertoire

Role: Co-PI

Completed Research Support (2009-2013)