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Employment

Assistant Professor , Department of Surgery and Department of Immunology	Present
UT Southwestern Medical Center, Dallas TX	
Senior Scientist , Aetio Biotherapy, Inc., Dallas, TX	2020-2022
Postdoctoral Research Fellow and Instructor	2012-2020
Center for the Genetics of Host Defense and Department of Immunology	
University of Texas Southwestern Medical Center at Dallas	
Advisor: Dr. Bruce Alan Beutler	

Education

Ph.D. of Genetics , University of Texas Southwestern Medical Center	2005-2011
Advisor: Dr. Jin Jiang	
Ph.D. Student of Molecular Biology , Sun Yat-Sen University, School of Medicine	1999-2005
Advisor: Dr. Zhengyu Zhu	
BS in Biology , South China Normal University	1995-1999

Patent

2021 U.S. Patent, WO2021222762, “Activatable IL2 Composition and Methods of Use” (Main Inventor)

Peer Reviewed Publications

- 1 **Yue, T.**, Zhan, X., Zhang, D., Jain, R., Wang, K., Su, L., Choi, J., Quan, J., Hildebrand, S., Xu, D., Li, X., Turer, E., Sun, L., Moresco, E., Beutler, B. SLFN2 protection of tRNAs from stress-induced cleavage is essential for T cell-mediated immunity. *Science*. 2021 May 14;372(6543): eaba4220.

- 2 Misawa, T., SoRelle, J., Choi, J., **Yue, T.**, Wang, K., McAlpine W., Wang, J., Liu, A., Tabeta K., Turer, E., Evers, B., Nair-Gill, E., Poddar, S., Su, L., Ou, F., Yu, L., Russell, J., Ludwig, S., Zhan, X., Hildebrand, S., Li,

- X., Tang, M., Murray, A., Moresco, E., Beutler B. Mutual inhibition between Prkd2 and Bcl6 controls T follicular helper cell differentiation. *Science Immunology*. 2020; 24(43)
- 3 Zhang, D., **Yue, T.**, Choi, J., Nair-Gill, E., Zhong, X., Wang, K., Zhan, X., Li, X., Choi, J., Tang, M., Quan, J., Hildebrand, S., Moresco, E., Beutler, B. Syndromic immune disorder caused by a viable hypomorphic allele of spliceosome component Snrnp40. *Nature Immunology*. 2019; 20(10):1322-1334.
- 4 **Yue, T.**, Tian, A., Jiang, J. The cell adhesion molecule Echinoid functions as a tumor suppressor and upstream regulator of the Hippo signaling pathway. *Developmental Cell*. 2012; 22:255-267.
- 5 **Yue, T.**, Xian, K., Hurlock, E., Xin, M., Kernie, S., Parada, L., Lu, QR. A critical role for dorsal progenitors in cortical myelination. *J Neurosci*. 2006; 26(4):1275-1280.
- 6 Mei, X., ***Yue, T.**, Ma, Z., Wu, F., Lu, QR. Myelinogenesis and axonal recognition by oligodendrocytes in brain are uncoupled in Olig1-null mice. *J Neurosci*. 2005; 25(6):1354-1365 (*co-first author).
- 7 Wang, K., Zhan, X., McAlpine, W., Zhang, Z., Choi, JH., Shi, H., Misawa, T., **Yue, T.**, Zhang, D., Wang, Y., Ludwig, S., Russell, J., Tang, M., Li, X., Murray, AR., Moresco, EMY., Turer, EE., Beutler, B.. Enhanced susceptibility to chemically induced colitis caused by excessive endosomal TLR signaling in LRBA-deficient mice. *PNAS*. 2019; 116(23):11380-11389.
- 8 Ma, G., Li, S., Han, Y., Li, S., **Yue, T.**, Wang, B., Jiang, J.. Regulation of Smoothened Trafficking and Hedgehog Signaling by the SUMO Pathway. *Developmental Cell*. 2016; 21:438-451.
- 9 Li, S., Cho, Y., **Yue, T.**, Ip, Y., Jiang, J. Overlapping functions of the MAP4K family kinases Hppy and Msn in Hippo signaling. *Cell Discovery*. 2015; 1:15038.
- 10 Wang, T., Zhan, X., Bu, C., Lyon, S., Pratt, D., Hildebrand, S., Choi, J., Zhang, Z., Zeng, M., Wang, K., Turer, E., Chen, Z., Zhang, D., **Yue T.**, Wang, Y., Shi, H., Wang, J., Sun, L., SoRelle, J., McAlpine, W., Hutchins, N., Zhan, X., Fina, M., Gobert, R., Quan, J., Kreutzer, M., Arnett, S., Hawkins, K., Leach, A., Tate, C., Daniel, C., Reyna, C., Prince, L., Davis, S., Purrington, J., Bearden, R., Weatherly J., D. White, Russell, J., Sun, Q., Tang, M., Li, X., Scott, L., Moresco, E., McInerney, G., Karlsson, Hedestam, G., Xie, Y., Beutler, B., Real-time resolution of point mutations that cause phenovariance in mice. *PNAS*. 2015; 112(5):E440-9.
- 11 Li, S., Chen, Y., Shi, Q., **Yue, T.**, Wang, B., Jiang, J. Hedgehog-Regulated Ubiquitination Controls Smoothened Trafficking and Cell Surface Expression in *Drosophila*. *PLoS Biol*. 2012 Jan; 10(1).e1001239.
- 12 Chen, Y., Sasai, N., Ma, G., **Yue, T.**, Jia, J., Briscoe, J., Jiang, J. Sonic Hedgehog dependent phosphorylation by CK1 α and GRK2 is required for ciliary accumulation and activation of smoothened. *PLoS Biol*. 2011; Jun; 9(6).e1001083.
- 13 Ren, F., Wang, B., **Yue, T.**, Yun, EY., Ip, YT., Jiang, J. Hippo signaling regulates *Drosophila* intestine stem cell proliferation through multiple pathways. *PNAS*. 2010; 107(49):21064-9.

- 14 Jia, H., Liu, Y., Xia, R., Tong, C., **Yue, T.**, Jiang, J., Jia, J. Casein kinase 2 promotes Hedgehog signaling by regulating both Smoothened and Cubitus interruptus. *J. Biol. Chem.* 2010; 285 (48):37218-26.
- 15 Zhang, Q., Shi, Q., Chen, Y., **Yue, T.**, Li, S., Wang, B., Jiang, J. Multiple Ser/Thr-rich degrons mediate the degradation of Ci/Gli by the Cul3-HIB/SPOP E3 ubiquitin ligase. *PNAS*. 2009; 106 (50):21191-6.
- 16 Zhang, L., **Yue, T.**, Jiang, J. Hippo signaling pathway and organ size control. *Fly*. 2009; 3 (1):68-73.
- 17 **Yue, T.**, Zhang, P., Liu, P., Deng, Q., Ji, Q., Li, X., Zhu, Z. Effect of transfection of hEndostatin gene on CNE2 cell xenograft growth in nude mice. *Ai Zheng*. 2003; 22(2):148-151.
- 18 **Yue, T.**, Liu, P., Deng, Q., Zhang P., Ji Q., Zhang, H., Zhu, Z. Signal peptide sequence of human interleukin-2 influenced hEndostatin gene expression and protein secretion in HepG2 cells. *Chinese Journal of Pathophysiology*. 2003; 19(9):1242-1245.