



Zhigang Tian

Address: University of Science & Technology of China

Country: China

Education and Appointment

05/2001–present: Professor, Univ Sci Tech China, China

04/1989–05/2001: Assist/Asso/Full Professor, Shandong Acad Med Sci, China

03/1986–03/1989: Ph.D., Immunology, Normal Bethune Med Univ, China.

03/1983–08/1985: M.S., Immunol, Shandong Acad Med Sci, China

03/1978–12/1982: M.D., Shanxi Medical University, China

05/2002–04/2003: Visiting Professor, Kanazawa Univ Cancer Inst, Japan

1/2002–4/2002, Visiting Scientist, NIAAA, NIH, USA

2/1999–8/1999: Visiting Professor, Med College Virginia, Richmond, USA

8/1994–6/1996: Visiting Scientist, NCI, NIH, USA

Specialty and Research Field of Interest

NK Cell Biology; Liver immunology; Tumor immunology; Immunotherapy

Selected Publications

1. Fu B, Zhou Y, Ni X, Tong X, Xu X, Dong Z, Sun R, Tian Z*, Wei H*. Natural Killer Cells Promote Fetal Development through the Secretion of Growth-Promoting Factors. *Immunity*. 2017 Dec 19;47(6):1100-1113.
2. Yan Y, Jiang W, Liu L, Wang X, Ding C, Tian Z*, Zhou R*. Dopamine Controls Systemic Inflammation through Inhibition of NLRP3 Inflammasome. *Cell*. 2015 Jan 15;160(1-2):62-73.
3. Wang X, Jiang W, Yan Y, Gong T, Han J, Tian Z*, Zhou R*. RNA viruses promote activation of the NLRP3 inflammasome through a RIP1-RIP3-DRP1 signaling pathway. *Nat Immunol* 2014;15:1126-1133.
4. Wang J, Li F, Wei H, Lian Z-X, Sun R, Tian Z*. Respiratory influenza virus infection induces intestinal immune injury via microbiota-mediated Th17 cell-dependent inflammation. *J Exp Med* 2014;211:2397-2410.
5. Peng H, Jiang X, Chen Y, Sojka DK, Wei H, Gao X, Sun R, Yokoyama WM, Tian Z*. Liver-resident NK cells confer adaptive immunity in skin-contact inflammation. *J Clin Invest* 2013;123:1444-1456.