

Name: Yao-Ming Wu (吳耀銘)

Nationality: Taiwan, ROC

Sex: male

Education and position:

1987~1994 medical college of National Taiwan University
1994~1998 Surgical Resident training in National Taiwan University Hospital
1998~2000 Surgical Fellowship training in National Taiwan University Hospital
2000~ now Housing staff in the Surgical Department of National Taiwan University Hospital



2003, Dec.~ 2005, Sep. Postdoctor research in Liver Research Center, Albert Einstein Medical College, New York City, USA
2005, Oct.~ 2005, Nov Visiting liver transplant surgeon in UPMC (University Pittsburgh Medical Center)
2008, May Assistant Professor, Medical College, National Taiwan University
2014, Aug. Associate Professor, Medical College, National Taiwan University

Clinical interests: Liver transplantation (cadaveric, living-related)
Hepatobiliary surgery
Minimal invasive surgery
Acute Liver Failure

Basic research interests: Regeneration Medicine
Cell Transplantation
Acute Liver Failure

Publication:

1. **Wu YM**, Gupta S. Rapamycin and Tacrolimus exert a dual effect on transplanted hepatocytes with enhancement of cell engraftment but impairment of cell proliferation in the liver. *Hepatology* 2005;42(4,S1):371A (Impact Factor 12)
2. **Wu YM**, Joseph B, Gupta S. Immunosuppression using the mTOR inhibition mechanism affects replacement of the rat liver with transplanted cells. **Hepatology** 2006;44:410-419 (Impact Factor 12)
3. **Wu YM**, Joseph B, Berishvili E, Kumaran V and Gupta S. Hepatocytes transplantation and drug-induced perturbations in liver cell compartments. **Hepatology** 2008;47(1):279-287 (Impact Factor 12)
4. **Wu YM**, Kao CY, Huang YJ, Yu IS, et al. Genetic modification of donor hepatocytes improves therapeutic efficacy for hemophilia B in mice. *Cell Transplant.* 2010; 19(9):1169-80 (IF 4.6)
5. **Wu YM**, Liu CH, Hu RH, et al. Mucin glycosylating enzyme GALNT2

regulates the malignant character of hepatocellular carcinoma by modifying the EGF receptor. *Cancer Res.* 2011;71(23):7270-9 (IF 8.6)

6. Hsu YC, Huang HP, Yu IS, Lin SR, Lin WC, **Wu YM**, Lin SW, et al. Serine protease hepsin regulates hepatocyte size and hemodynamic retention of tumor cells via hepatocyte growth factor signaling. *Hepatology*, 2012, Apr. 13 (Impact Factor 12)
7. **Wu YM**, Liu CH, Huang MJ, Lai HS, et al. C1GALT1 enhances proliferation of hepatocellular carcinoma cells via modulating MET glycosylation and Dimerization. *Cancer Res.* 2013; 73(17):5580-90 (IF 8.6)
8. **WuYM**, Hu RH, Lai HS, Lee PH. Robotic-assisted minimally invasive liver resection, *Asian J Surg.* 2014; 37(2), 53-7
9. Liu CH, Hu RH, Huang MJ, Lai IR, Chen CH, Lai HS, **Wu YM**, Huang MC. C1GALT1 promotes invasive phenotypes of hepatocellular carcinoma cells by modulating integrin b1 glycosylation and activity. *PLoS One* 2014;9(8):e94995
10. Miao-Juei Huang, Rey-Heng Hu, Chih-Hsing Chou, Chia-Lang Hsu, Ya-Wen Liu, John Huang, Ji-Shiang Hung, I-Rue Lai, Hsueh-Fen Juan, Sung-Liang Tu, **Yao-Ming Wu**, Min-Chuan Huang. Knockdown of GALNT1 suppress malignant phenotype of hepatocellular carcinoma by suppressing EGFR signaling. *Oncotarget* 2015;6(8):5650-5665 (correspondent author)

HONORS:

- 2007.08: Best Award of Research Publication, Liver Disease Prevention and Treatment Research Foundation, Taiwan
- 2008.04: 1st and 2nd Prize of Poster Presentation, Taipei International Transplantation Forum, Taipei, Taiwan
- 2008.06: Outstanding Research Award for junior faculty, National Taiwan University Hospital, Taiwan
- 2008.08: Best Award of Research Publication, Liver Disease Prevention and Treatment Research Foundation, Taiwan
- 2009.09: 2nd Prize of Poster Presentation, Asia Transplantation and Immunology Forum (ATIF) , Beijing, China
- 2010,9: 1ST Prize of Poster Presentation, Asia Transplantation and Immunology Forum (ATIF), Suzhou, China
- **2011,6: Travelling Award, International Society of Stem Cell Research (ISSCR), Toronto, Canada**
- 2011,9: 1ST Prize of Poster Presentation, Asia Transplantation and Immunology Forum (ATIF), Hang-zhou, China
- 2014, Aug: Outstanding Research Award for Excellence in Innovation of Medical Technology, NTUH