



Name: **Yao-Ming Wu (吳耀銘)**

Nationality: Taiwan, ROC

Sex: male

Education and position:

1987~1994 Medical college of National Taiwan University (NTUH)

1994~2000 Resident and fellowship training in NTUH

2000~ now Housing staff in the Surgical Department of NTUH

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, Aug~ 2014, July Assistant Professor, Medical College, National Taiwan University

2014, Aug~ 2019, July Associate Professor, Medical College, National Taiwan University

2019, Aug~ now Professor, Medical College, National Taiwan University

2021, Aug~ now Vice Superintendent of National Taiwan University Cancer Center (NTUCC)

2021, Aug~ now Director, Department of Surgery, NTUCC

2022, Apr~ now President of Taiwan Robotic Surgery Association (TRSA)

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**, Joseph B, Gupta S. Immunosuppression using the mTOR inhibition mechanism affects replacement of the rat liver with transplanted cells. **Hepatology** 2006;44:410-419
2. **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
3. **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
4. **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
5. **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
6. **WuYM**, Hu RH, Lai HS, Lee PH. Robotic-assisted minimally invasive liver resection, *Asian J Surg.* 2014; 37(2), 53-7
7. Huang MJ, Hu RH, Chou CH, Hsu CL, Liu YW, Huang J, Hung JS, Lai IR, Juan HF, Tu SL, **Wu YM**, Huang MC. Knockdown of GALNT1 suppress malignant phenotype of hepatocellular carcinoma by suppressing EGFR signaling. *Oncotarget* 2015;6(8):5650-5665 (correspondent author)
8. Chen PD, Wu CY, Hu RH, Ho CM, Lee PH, Lai HS, Lin MT, **Wu YM**. Robotic liver donor right hepatectomy: a pure, minimally invasive approach. *Liver Transpl.* 2016 Nov;22(11):1509-18 (correspondent author)

9. Chen PD, Wu CY, Hu RH, Chen CN, Yuan RH, Liang JT, Lai HS, **Wu YM**. Robotic major hepatectomy: Is there a learning curve? *Surgery*. 2017, 161(3), Mar.642-649 (correspondent author)
10. Chen PD, Wu CY, Hu RH, Chou WH, Lai HS, Liang JT, Lee PH, **Wu YM**. Robotic versus open hepatectomy for hepatocellular carcinoma: a matched comparison. *Ann Surg Oncol*. 2017 Apr;24(4);1021-1028 (correspondent author)
11. Huang YJ, Lee CY, Cao Jerry, Lee HS, Chang CH, Chen PD, **Wu YM**: Therapeutic potential of plasma proteins derived from umbilical cord blood for acute liver failure. *Molecular Pharmaceutics*. 2019, 4;16(3):1092-1104. (correspondent author)
12. Huang YJ, Cao J, Lee CY, **Wu YM**. Umbilical cord blood plasma-derived exosomes as a novel therapy to reverse liver fibrosis. *Stem Cell Res Ther*. 2021 Nov 12;12(1):568.

HONORS:

- 2007.08: Best Award of Research Publication, Liver Disease Prevention and Treatment Research Foundation, 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
- **2011,6: Travelling Award, International Society of Stem Cell Research (ISSCR), Toronto, Canada**
- 2014, Aug: Outstanding Research Award for Excellence in Innovation of Medical Technology, NTUH