


## YEN-HUA HUANG (黃彥華)

<b>POSITION/AFFILIATIONS</b> DISTINGUISHED PROFESSOR,  DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR CELL BIOLOGY, SCHOOL OF MEDICINE, COLLEGE OF MEDICINE, TAIPEI MEDICAL UNIVERSITY	<b>CONTACT INFORMATION</b> No.250, Wu-Xing Street, Taipei, Taiwan (R.O.C.) TEL: +886-2-27361661 ext. 3150 FAX: +886-2-27356689 E-mail: rita1204@tmu.edu.tw		
<b>EDUCATION</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(S)</b>	<b>FIELD OF STUDY</b>
National Taiwan University, Taiwan	M.S.	1993	Biochemistry
National Taiwan University, Taiwan	Ph.D.	1997	Biochemistry

### **Positions and Employment** (含現職，由最近者往前追溯)

- 2016~present Distinguished Professor, Taipei Medical University, Taipei, Taiwan
- 2019~2022 Dean, Office of Research and Development, Taipei Medical University, Taiwan
- 2016~2022 Director/CEO, Research Center for Cell Therapy and Regenerative Medicine, Taipei Medical University, Taipei, Taiwan
- 2013~2016 Professor, Department of Biochemistry and Molecular Cell Biology, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan
- 2007~2012 Associate Professor, Department of Biochemistry and Molecular Cell Biology, School of Medicine, College of Medicine, Taipei Medical University, Taiwan
- 2002~2004 Assistant Professor, Department of Biochemistry and Molecular Cell Biology, School of Medicine, College of Medicine, Taipei Medical University, Taiwan
- 1998~2001 Postdoctoral Fellow, Institute of Biomedical Sciences, Academia Sinica, Taiwan

### **Selected publications (\*corresponding author)** (請擇代表著作，時間先後順序由最近者往前追溯)

1. SW Peng, MHT Ngo, YC Kuo, MH Teng, TS Chang\*, and YH Huang\*. (2023) Niclosamide revitalizes sorafenib through IGF-1R/stemness and metabolic changes in hepatocellular carcinoma. *Cancers*. 15(3), 931
2. XY Wang, C Lin, YH Huang\*, and FL Mi\*. (2022) Thiolated hyaluronic acid and catalase-enhanced CD44-targeting and oxygen self-supplying nanoplatfoms with photothermal/photodynamic effects against hypoxic breast cancer cells. *Int J Biol Macromol*. 221:121-134.
3. MD Chiang, CY Chang, HJ Shih, VL Le, YH Huang\*, and CJ Huang\*. (2022) Exosomes from human placenta choriodecidual membrane-derived mesenchymal stem cells mitigate endoplasmic reticulum stress, inflammation and lung injury in lipopolysaccharide-treated obese mice. *Antioxidants*. 11(4):615.
4. HK Au, SW Peng, CL Guo, CC Lin, YL Wang, YC Kuo, TY Law, HN Ho, TY Ling, and YH Huang\*. (2021) Niche laminin and IGF-1 additively coordinate the maintenance of Oct-4 Through CD49f/IGF-1R-Hif-2α feedforward loop in mouse germline stem cells. *Frontier Cell Dev Biol*. 9:646644.
5. WZ Zhuang#, YH Lin#, LJ Su, MS Wu, HC Chang, YH Huang\* and TY Ling\*. (2021) MSC-based therapy: mechanism, systemic safety and biodistribution for precision clinical applications. *J Biomed Sci*. 28:28.
6. SC Lai, YT Su, CC Chi, TS Chang and YH Huang\*. (2019) DNMT3b/OCT4 expression confers poor prognosis and Sorafenib sensitivity of HCC through IL-6/STAT-3 regulation. *J Exp Clin Cancer Res*. 38(1):474.
7. YC Kuo, HK Au, JL Hsu, HF Wang, CJ Lee, SW Peng, SC Lai, YC Wu, HN Ho, and YH Huang\*. (2018) IGF-1R promotes symmetric self-renewal and migration of AP-positive germ stem cells through HIF-2α-OCT4/CXCR4 loop under hypoxia. *Stem Cell Reports*. 10: 524–37.
8. TS Chang, YC Wu, SY Tung, and YH Huang\*. (2015) Alpha-fetoprotein measurement benefits hepatocellular carcinoma surveillance in patients with cirrhosis. *Am J Gastroenterol*. 110: 836-44.
9. TS Chang, YC Wu, CC Chi, WC Su, PJ Chang, KF Lee, TH Tung, J Wang, JJ Liu, SY Tung, LM Kuo, HN Ho, TY Ling, and YH Huang\*. (2015) Activation of IL6/IGF-1R confers poor prognosis of HBV-related HCC through induction of OCT4/NANOG expression. *Clin Cancer Res*. 21: 201-10.
10. YC Wu, TY Ling, SH Lu, HC Kuo, HN Ho, SD Yeh, CN Shen, and YH Huang\*. (2012) Chemotherapeutic sensitivity of testicular germ cell tumors under hypoxic conditions is negatively regulated by SENP1-controlled sumoylation of OCT4. *Cancer Res*. 72:4963-73.