

陳彥聰(Yen-Chung Chen)

EDUCATION

- 2003 - 2007 國立陽明大學生化暨分子生物研究所 博士
Ph.D. in Biochemistry & Molecular Biology
National Yang Ming University, Taipei, Taiwan
- 2001 - 2003 國立中興大學生物化學研究所 碩士
M.S. in Biochemistry
National Chung Hsing University, Taichung, Taiwan

POSITIONS HELD

- 2020 - present 全歲生技股份有限公司 副總經理
Vice President
Transwell Biotech Co., LTD, Taiwan
- 2016 - 2019 瑪旺幹細胞醫學生物科技股份有限公司 研發處處長
R&D Director
Maria Von Med-Biotechnology Co., LTD, Taiwan
- 2013 - 2016 台灣尖端先進生技醫藥股份有限公司 資深研究員
Research Fellowship
Taiwan Advance Bio-Pharmaceutical Incorporation, Taiwan
- 2008 - 2013 國家衛生研究院 博士後研究員
Postdoctoral Fellowship
National Health Research Institutes, Taiwan

EXPERTISE

Molecular Biology; Cell Biology; Stem Cell Biology; Hematopoiesis; Wound Healing; iPSCs, HSCs, MSCs, Fibroblast, Keratinocytes, Exosome; Medical Device Regulation; Cosmetics Regulation; Clinical Trial Regulation.

PUBLICATION

1. Hsiao RL, **Chen YC**, Huang MY, Chen CY, Lin YW, Wu CY. Innovative finding of 266-nm laser regulating CD90 levels in SDSCs. *Sci Rep.* 2021 Jul 6;11(1):13932.
2. Tsai SC, Lin FC, Chang KH, Li MC, Chou RH, Huang MY, **Chen YC**, Kao CY, Cheng CC, Lin HC, Hsu YC. The intravenous administration of skin-derived mesenchymal stem cells ameliorates hearing loss and preserves cochlear hair cells in cisplatin-injected mice: SMSCs ameliorate hearing loss and preserve outer hair cells in mice. *Hear Res.* 2021 May 5:108254.
3. Chan TM, Harn HJ, Lin HP, Chou PW, Chen JY, Ho TJ, Chiou TW, Chuang HM, Chiu SC, **Chen YC**, Yen SY, Huang MH, Liang BC, Lin SZ. Improved human mesenchymal stem cell isolation. *Cell Transplant.* 2014;23(4-5):399-406.
4. **Chen YC**, Yang SF, Chen HL, Yet SF, Wu KK. Prostacyclin and PPAR α Agonists Control Vascular Smooth Muscle Cell Apoptosis and Phenotypic Switch Through Distinct 14-3-3 Isoforms. *PLoS One.* 2013 Jul 3;8(7):e69702.
5. Wang JQ, Chen JH, **Chen YC**, Chen MY, Hsieh CY, Teng SC, Wu KJ. Interaction between NBS1 and the mTOR/Rictor/SIN1 complex through specific domains. *PLoS One.* 2013 Jun 6;8(6):e65586.
6. Chang TC*, **Chen YC***, Yang MH, Chen CH, Hsing EW, Ko BS, Liou JY, Wu KK. Rho kinases regulate the renewal and neural differentiation of embryonic stem cells in a cell plating density-dependent manner. *PLoS One.* 2010 Feb; 5(2):e9187. (*Co-first author)
7. **Chen YC**, Teng SC, Wu KJ. Phosphorylation of telomeric repeat binding factor 1 (TRF1) by Akt causes telomere shortening. *Cancer Invest.* 2009 Jan; 27(1):24-8.
8. **Chen YC**, Chiang HY, Yang MH, Chen PM, Chang SY, Teng SC, Vanhaesebroeck B, Wu KJ. Activation of phosphoinositide 3-kinase by the NBS1 DNA repair protein through a novel activation motif. *J Mol Med.* 2008 Apr; 86(4):401-12.

9. **Chen YC**, Su YN, Chou PC, Chiang WC, Chang MC, Wang LS, Teng SC, Wu KJ. Overexpression of NBS1 contributes to transformation through the activation of phosphatidylinositol 3-kinase/Akt. *J Biol Chem.* 2005 Sep; 280(37):32505-11.