

• **Name:** Jong Wook Chang Ph.D

• **Current Position:**

- Assistant/Associate Professor, Stem Cell & Regenerative Medicine Institute, Samsung Medical Center (Tenure track) (2013-Present)
- ENCell. Co. ltd CEO: Cell Therapy Product CMO (2018-Present)

• **Country:** Korea

• **Educational Background:**

- *BS. Kyungpook National University, Biochemistry (1997)*
- *MS. Kyungpook National University, Biochemistry (1999)*
- *Ph.D. Gwangju Institute of Science and Technology (GIST) Life Science (Protein Biochemistry) (2005)*

• **Professional Experience:**

- *Research Director, MEDIPOST Co., Ltd. (Stem Cell Drug) (2007-2013)*
- *Assistant/Associate Professor, Stem Cell & Regenerative Medicine Institute, Samsung Medical Center (Tenure track) (2013-Present)*
- *GMP Facility Director, Stem Cell & Regenerative Medicine Institute, Samsung Medical Center (2013-Present)*
- *ENCell. Co. ltd CEO: Cell Therapy Product CMO (2018-Present)*
- *Adjunct professor, Department of Medical Device Management and Research, SAIHST, Sungkyunkwan University School of Medicine*

• **Main Scientific Publications: (Corresponding Author)**

1. Fibulin 5, a human Wharton's jelly-derived mesenchymal stem cells-secreted paracrine factor, attenuates peripheral nervous system myelination defects through the Integrin-RAC1 signaling axis. *Stem Cells*. 2020 Sep 25;21(19):7092.

2. Cerebrospinal fluid from Alzheimer's disease patients as an optimal formulation for therapeutic application of mesenchymal stem cells in Alzheimer's disease. *Sci Rep*. 2019 Jan 24;9(1):564.

3. Agouti Related Peptide Secreted Via Human Mesenchymal Stem Cells Upregulates Proteasome Activity in an Alzheimer's Disease Model. *Sci Rep*. 2017 Jan 4;7:39340

4. Distribution of human umbilical cord blood-derived mesenchymal stem cells (hUCB-MSCs) in canines after intracerebroventricular injection. *Neurobiol Aging*. 2016 Nov;47:192-200

5. Anti-apoptotic Effects of Human Wharton's Jelly-derived Mesenchymal Stem Cells on Skeletal Muscle Cells Mediated via Secretion of XCL1. *Mol Ther*. 2016 Sep;24(9):1550-60

mesenchymal stem cell reduces amyloid- $\beta$  plaques. Stem Cells Dev. Cell Death Differ. 2012 Apr;19(4):680-91.

*Additional 61 papers*