

Name
Chang, Chun Ju

Current Positions
Professor
Master Program for
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Education

Ph.D. University of California, Los Angeles (2007)
B.S. National Taiwan University (2001)

Expertise

Epigenetic Reprogramming
Stem Cell Biology
Cancer Metabolomics

Research Interests

My research has been focused on understanding critical epigenetic mechanisms involved in the regulation of the cell plasticity and cell fate of normal and neoplastic stem cell populations, and translating the promising basic research findings into innovative clinical applications, aiming to impact the diagnosis, treatment and prevention of human cancers.

Selected Publications

Kim MR, Wu MJ, Zhang Y, Yang JY, and Chang CJ (2020). TET2 directs mammary luminal cell differentiation and endocrine response. *Nature Communications* 11:4642 (IF: 12.1)

Wu MJ, Chen YS, Kim MR, Chang CC, Gampala S, Zhang Y, Wang Y, Chang CY, Yang JY, and Chang CJ (2019). Epithelial-mesenchymal transition directs mammary stem cell fate via regulation of mitofusin. *Cell Metabolism* 29(4):993-1002 (IF: 21.6)