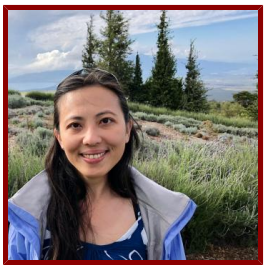
Stanford



Wan-Jin Lu

Basic Life Science Research Associate, Stem Cell Bio Regenerative Med Institute

Bio

BIO

Dr. Wan-Jin Lu is a Research Scientist in Dr. Phil Beachy's lab. Wan-Jin grew up in Taiwan, obtained her B.S. in Zoology at National Taiwan University and completed her PhD in Genetics and Development at UT Southwestern in the lab of Dr. John Abrams. Her Ph.D. research involved the identification of the evolutionary conserved function of the tumor suppressor gene p53 that ensures the quality control of germ cells. She then moved to the Bay Area, where she was a Damon Runyon Postdoctoral Fellow in the Institute of Stem Cell Biology and Regenerative Medicine in the Beachy lab. Her work currently focuses on understanding the function of Hedgehog signaling in taste receptor cell homeostasis and delineating the mechanisms of taste receptor regeneration after chemotherapy-induced loss.

Since 2017, she has been collaborating with Tabula Muris And Tabula Sapiens Consortium to investigate taste receptor stem cell renewal and regeneration in the Beachy lab. Her work has received funding support from California Institute of Regenerative Medicine (CIRM), Thomas and Stacey Siebel Foundation, and NIH (R21 and R01).

HONORS AND AWARDS

- Siebel Scholar, Thomas and Stacey Siebel Foundation (2015-2016)
- Postdoctoral Scholar Award, California Institute of Regenerative Medicine (CIRM) (2014-2015)
- Postdoctoral Scholar Award, Damon Runyon Cancer Research Foundation (2011-2014)

EDUCATION AND CERTIFICATIONS

- Ph.D., UT Southwestern , Genetics and Development (2010)
- B.S., National Taiwan University , Zoology (2001)

Publications

PUBLICATIONS

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- **Neuronal delivery of Hedgehog directs spatial patterning of taste organ regeneration.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **Single-cell transcriptomics of 20 mouse organs creates a Tabula Muris.** *Nature*
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