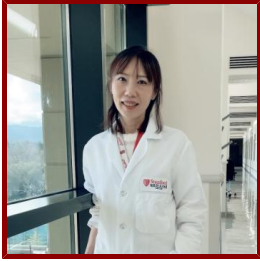


Stanford



Caren Yu-Ju Wu

Postdoctoral Scholar, Neurosurgery

Bio

BIO

Caren Yu-Ju Wu, Ph.D., is a postdoctoral researcher at the Department of Neurosurgery.

Dr. Wu is interested in the biology of neuro-inflammation, and malignant brain tumors, namely glioma. She is involved in basic, translational, immunological, and clinical research of adults that are diagnosed with brain cancer and has integral experience in research projects centering on cell adhesion mechanisms, cell-cell communication, and the interaction between neuronal or glioma cells and the immune system.

STANFORD ADVISORS

- Michael Lim, Postdoctoral Faculty Sponsor

LINKS

- ORCID: <https://orcid.org/0000-0003-3989-2117>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Basic, translational, immunological and clinical research

Publications

PUBLICATIONS

- **The CCR6-CCL20 axis promotes regulatory T cell glycolysis and immunosuppression in tumors.** *Cancer immunology research*
Pant, A., Jain, A., Chen, Y., Patel, K., Saleh, L., Tzeng, S., Nitta, R. T., Zhao, L., Wu, C. Y., Bederson, M., Wang, W. L., Bergsneider, B. H., Choi, et al
2024
- **CCR2 and CCR5 co-inhibition modulates immunosuppressive myeloid milieu in glioma and synergizes with anti-PD-1 therapy.** *Oncoimmunology*
Pant, A., Hwa-Lin Bergsneider, B., Srivastava, S., Kim, T., Jain, A., Bom, S., Shah, P., Kannapadi, N., Patel, K., Choi, J., Cho, K. B., Verma, R., Yu-Ju Wu, et al
2024; 13 (1): 2338965
- **PP2Ac/STRN4 negatively regulates STING-Type I interferon signaling in tumor associated macrophages.** *The Journal of clinical investigation*
Ho, W. S., Mondal, I., Xu, B., Das, O., Sun, R. C., Chiou, P., Cai, X., Tahmasebinia, F., Wu, C. Y., Wu, Z., Matsui, W., Lim, M., Meng, et al
2023
- **The Role of Myeloid Cells in GBM Immunosuppression.** *Frontiers in immunology*
Lin, Y., Wu, C. Y., Wu, J. Y., Lim, M.
2022; 13: 887781

-
- **CCL5 of glioma-associated microglia/macrophages regulates glioma migration and invasion via calcium-dependent matrix metalloproteinase 2** *NEURO-ONCOLOGY*
Wu, C., Chen, C., Lin, C., Feng, L., Lin, Y., Wei, K., Huang, C., Fang, J., Chen, P.
2020; 22 (2): 253-266
 - **Functional Change of Effector Tumor-Infiltrating CCR5(+)CD38(+)HLA-DR(+)CD8(+) T Cells in Glioma Microenvironment** *FRONTIERS IN IMMUNOLOGY*
Chen, P., Wu, C., Fang, J., Chen, H., Feng, L., Huang, C., Wei, K., Fang, J., Lin, C.
2019; 10: 2395
 - **Naringenin Suppresses Neuroinflammatory Responses Through Inducing Suppressor of Cytokine Signaling 3 Expression** *MOLECULAR NEUROBIOLOGY*
Wu, L., Lin, C., Lin, H., Liu, Y., Wu, C., Tsai, C., Chang, P., Yeh, W., Lu, D.
2016; 53 (2): 1080-1091
 - **Regulatory Effects of Caffeic Acid Phenethyl Ester on Neuroinflammation in Microglial Cells** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
Tsai, C., Kuo, Y., Yeh, W., Wu, C., Lin, H., Lai, S., Liu, Y., Wu, L., Lu, J., Lu, D.
2015; 16 (3): 5572-5589
 - **Palmitic acid-induced lipotoxicity and protection by (+)-catechin in rat cortical astrocytes** *PHARMACOLOGICAL REPORTS*
Wong, K., Wu, Y., Cheng, K., Chan, P., Cheung, C., Lu, D., Su, T., Liu, Z., Leung, Y.
2014; 66 (6): 1106-1113
 - **Exogenous endothelin-1 induces cell migration and matrix metalloproteinase expression in U251 human glioblastoma multiforme** *JOURNAL OF NEURO-ONCOLOGY*
Hsieh, W., Yeh, W., Cheng, R., Lin, C., Tsai, C., Huang, B., Wu, C., Lin, H., Huang, S., Lu, D.
2014; 118 (2): 257-269
 - **Anti-Neuroinflammatory Effects of the Calcium Channel Blocker Nicardipine on Microglial Cells: Implications for Neuroprotection** *PLOS ONE*
Huang, B., Chang, P., Yeh, W., Lee, C., Tsai, C., Lin, C., Lin, H., Liu, Y., Wu, C., Ko, P., Huang, S., Hsu, H., Lu, et al
2014; 9 (3): e91167