



Yu Zhu

Instructor, Pathology

Bio

ACADEMIC APPOINTMENTS

- Instructor, Pathology

Publications

PUBLICATIONS

- **Fibrosis induced by resident macrophages has divergent roles in pancreas inflammatory injury and PDAC.** *Nature immunology*
Baer, J. M., Zuo, C., Kang, L., de la Lastra, A. A., Borchering, N. C., Knolhoff, B. L., Bogner, S. J., Zhu, Y., Yang, L., Laurent, J., Lewis, M. A., Zhang, N., Kim, et al
2023
- **An NKX-COUP-TFII morphogenetic code directs mucosal endothelial addressin expression.** *Nature communications*
Dinh, T. T., Xiang, M., Rajaraman, A., Wang, Y., Salazar, N., Zhu, Y., Roper, W., Rhee, S., Brulois, K., O'Hara, E., Kiefel, H., Dinh, T. M., Bi, et al
2022; 13 (1): 7448
- **Modulation of Nr2f2 reprograms tumor blood vessels to enhance anti-tumor immunity and immunotherapy.**
Zhu, Y., Lazarus, N., Brulois, K., Salazar, N., Dinh, T., Pan, J., Butcher, E.
AMER ASSOC CANCER RESEARCH.2021
- **Tissue-Resident Macrophages in Pancreatic Ductal Adenocarcinoma Originate from Embryonic Hematopoiesis and Promote Tumor Progression.** *Immunity*
Zhu, Y., Herndon, J. M., Sojka, D. K., Kim, K. W., Knolhoff, B. L., Zuo, C., Cullinan, D. R., Luo, J., Bearden, A. R., Lavine, K. J., Yokoyama, W. M., Hawkins, W. G., Fields, et al
2017; 47 (2): 323-338.e6
- **Targeting focal adhesion kinase renders pancreatic cancers responsive to checkpoint immunotherapy** *NATURE MEDICINE*
Jiang, H., Hegde, S., Knolhoff, B. L., Zhu, Y., Herndon, J. M., Meyer, M. A., Nywening, T. M., Hawkins, W. G., Shapiro, I. M., Weaver, D. T., Pachter, J. A., Wang-Gillam, A., DeNardo, et al
2016; 22 (8): 851-?
- **Reprogramming myeloid responses to improve cancer immunotherapy** *ONCOIMMUNOLOGY*
Zhu, Y., Hawkins, W. G., DeNardo, D. G.
2015; 4 (6)
- **CSF1/CSF1R Blockade Reprograms Tumor-Infiltrating Macrophages and Improves Response to T-cell Checkpoint Immunotherapy in Pancreatic Cancer Models** *CANCER RESEARCH*
Zhu, Y., Knolhoff, B. L., Meyer, M. A., Nywening, T. M., West, B. L., Luo, J., Wang-Gillam, A., Goedegebuure, S. P., Linehan, D. C., DeNardo, D. G.
2014; 74 (18): 5057-5069
- **The Extracellular Domain of Notch2 Increases Its Cell-Surface Abundance and Ligand Responsiveness during Kidney Development** *DEVELOPMENTAL CELL*
Liu, Z., Chen, S., Boyle, S., Zhu, Y., Zhang, A., Piwnica-Worms, D. R., Ilagan, M. X., Kopan, R.

2013; 25 (6): 585-598

- **Targeting Tumor-Infiltrating Macrophages Decreases Tumor-Initiating Cells, Relieves Immunosuppression, and Improves Chemotherapeutic Responses** *CANCER RESEARCH*

Mitchem, J. B., Brennan, D. J., Knolhoff, B. L., Belt, B. A., Zhu, Y., Sanford, D. E., Belaygorod, L., Carpenter, D., Collins, L., Piwnica-Worms, D., Hewitt, S., Udupi, G. M., Gallagher, et al

2013; 73 (3): 1128-1141