

## Yu Miao

Instructor, Radiation Oncology - Radiation and Cancer Biology

### Bio

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#### ACADEMIC APPOINTMENTS

- Instructor, Radiation Oncology - Radiation and Cancer Biology

### Publications

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#### PUBLICATIONS

- **Acetate supplementation restores chromatin accessibility and promotes tumor cell differentiation under hypoxia.** *Cell death & disease*  
Li, Y. n., Gruber, J. J., Litztenburger, U. M., Zhou, Y. n., Miao, Y. R., LaGory, E. L., Li, A. M., Hu, Z. n., Yip, M. n., Hart, L. S., Maris, J. M., Chang, H. Y., Giaccia, et al  
2020; 11 (2): 102
- **S100A10 is a critical mediator of GAS6/AXL-induced angiogenesis in renal cell carcinoma.** *Cancer research*  
Xiao, Y., Zhao, H., Tian, L., Nolley, R., Diep, A. N., Ernst, A., Fuh, K. C., Miao, Y. R., von Eyben, R., Leppert, J. T., Brooks, J. D., Peehl, D. M., Giaccia, et al  
2019
- **Inhibition of the GAS6/AXL pathway augments the efficacy of chemotherapies** *JOURNAL OF CLINICAL INVESTIGATION*  
Kariolis, M. S., Miao, Y. R., Diep, A., Nash, S. E., Olcina, M. M., Jiang, D., Jones, D. S., Kapur, S., Mathews, I. I., Koong, A. C., Rankin, E. B., Cochran, J. R., Giaccia, et al  
2017; 127 (1): 183-198
- **Induction of LIFR confers a dormancy phenotype in breast cancer cells disseminated to the, bone marrow** *NATURE CELL BIOLOGY*  
Johnson, R. W., Fingers, E. C., Olcina, M. M., Vilalta, M., Aguilera, T., Miao, Y., Merkel, A. R., Johnson, J. R., Sterling, J. A., Wu, J. Y., Giaccia, A. J.  
2016; 18 (10): 1078-1089
- **An engineered Axl 'decoy receptor' effectively silences the Gas6-Axl signaling axis** *NATURE CHEMICAL BIOLOGY*  
Kariolis, M. S., Miao, Y. R., Li, D. S., Kapur, S., Mathews, I. I., Giaccia, A. J., Cochran, J. R.  
2014; 10 (11): 977-983
- **An engineered Axl 'decoy receptor' effectively silences the Gas6-Axl signaling axis.** *Nature chemical biology*  
Kariolis, M. S., Miao, Y. R., Jones, D. S., Kapur, S., Mathews, I. I., Giaccia, A. J., Cochran, J. R.  
2014; 10 (11): 977-983
- **Direct regulation of GAS6/AXL signaling by HIF promotes renal metastasis through SRC and MET** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Rankin, E. B., Fuh, K. C., Castellini, L., Viswanathan, K., Finger, E. C., Diep, A. N., Lagory, E. L., Kariolis, M. S., Chan, A., Lindgren, D., Axelson, H., Miao, Y. R., Krieg, et al  
2014; 111 (37): 13373-13378
- **Direct regulation of GAS6/AXL signaling by HIF promotes renal metastasis through SRC and MET.** *Proceedings of the National Academy of Sciences of the United States of America*  
Rankin, E. B., Fuh, K. C., Castellini, L., Viswanathan, K., Finger, E. C., Diep, A. N., Lagory, E. L., Kariolis, M. S., Chan, A., Lindgren, D., Axelson, H., MIAO, Y. R., Krieg, et al  
2014; 111 (37): 13373-13378
- **PHD inhibition mitigates and protects against radiation-induced gastrointestinal toxicity via HIF2.** *Science translational medicine*  
Taniguchi, C. M., Miao, Y. R., Diep, A. N., Wu, C., Rankin, E. B., Atwood, T. F., Xing, L., Giaccia, A. J.

2014; 6 (236): 236ra64-?

- **PHD Inhibition Mitigates and Protects Against Radiation-Induced Gastrointestinal Toxicity via HIF2.** *Science translational medicine*

Taniguchi, C. M., Miao, Y. R., Diep, A. N., Wu, C., Rankin, E. B., Atwood, T. F., Xing, L., Giaccia, A. J.

2014; 6 (236): 236ra64-?

- **Inhibition of established micrometastases by targeted drug delivery via cell surface-associated GRP78.** *Clinical cancer research*

Miao, Y. R., Eckhardt, B. L., Cao, Y., Pasqualini, R., Argani, P., Arap, W., Ramsay, R. G., Anderson, R. L.

2013; 19 (8): 2107-2116