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Publications

PUBLICATIONS

- **Engineering a hydrogel-based vaccine to prevent recurrence in pancreatic ductal adenocarcinoma**
Xie, P., Agolia, J. P., Reveron-Thornton, R. F., Guo, C., Korah, M., Delitto, A., Foster, D., Chaudhuri, O., Delitto, D.
AMER ASSOC CANCER RESEARCH.2026
- **Mapping lymphoid responses to tumor growth and lymph node metastasis: multiomic spatial analysis of pancreatic ductal adenocarcinoma reveals tertiary lymph node structures.**
Agolia, J. P., Guo, C., Reveron-Thornton, R. F., Li, X., Korah, M., Tabora, A., Lee, B., Kirane, A. R., Poultides, G., Visser, B., Charville, G. W., Longaker, M. T., Foster, et al
AMER ASSOC CANCER RESEARCH.2026
- **Multidimensional transcriptomic atlas of recurrent uterine leiomyosarcomas uncovers stem-like hormonal cells with high drug sensitivity and improved patient outcomes.**
Korah, M., Agolia, J. P., Reddy, B., Flojo, R. A., Goncalves, A., Wang, L., Reveron-Thornton, R. F., Guo, C., Sun, B., Kirane, A. R., Poultides, G., Foster, D., Huang, et al
AMER ASSOC CANCER RESEARCH.2026
- **A MUC1-overexpressing epithelial population is associated with CDH1 loss-of-function gastric adenocarcinoma.**
Guo, C., Reveron-Thornton, R. F., Li, X., Agolia, J. P., Korah, M., Xie, P., Goncalves, A., Tabora, A., Xia, L., Barakat, N., Poultides, G., Lee, B., Kirane, et al
AMER ASSOC CANCER RESEARCH.2026
- **A single-cell tumor atlas defines robust pathway and gene signatures enabling cancer cell-line fidelity assessment.**
Reveron-Thornton, R. F., Guo, C., Agolia, J. P., Korah, M., Xie, P., Delitto, A., Goncalves, A., Tabora, A., Reddy, B., Bobst, W., Kirane, A. R., Dua, M., Visser, et al
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- **A Translational Surgical Porcine Model for Postoperative Intra-Abdominal Adhesion Formation.** *Journal of visualized experiments : JoVE*
Reveron-Thornton, R. F., Hsu, C. H., Bobst, W., Guo, J. L., Meany, E. L., M Williams, C., Berry, C., Fallah, M., Korah, M., P Agolia, J., Guo, C., Fell, G. L., Hyun, et al
2026
- **NFAT mediates pro-tumorigenic inflammation in cancer-associated fibroblasts in pancreatic ductal adenocarcinoma.** *Cell reports*
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2026; 45 (1): 116849
- **Protocol for orthotopic implantation of a collagen hydrogel to model pancreatic ductal adenocarcinoma in mice.** *STAR protocols*
Agolia, J. P., Xie, P. Y., Korah, M., Fallah, M., Reveron-Thornton, R. F., Guo, C., Reddy, B., Sivasubramanian, R., Longaker, M. T., Chaudhuri, O., Foster, D. S., Delitto, D.
2026; 7 (1): 104337
- **Disruption of fibroblast MYD88 signaling promotes antitumor immunity in pancreatic ductal adenocarcinoma.** *Cell reports*

Korah, M., Reveron-Thornton, R. F., Fallah, M., Xie, P. Y., Gonçalves, A., Guo, C., Agolia, J. P., Delitto, A. E., Flojo, R. A., Reddy, B., Yip, K. A., Lu, J. M., Tomasso, et al

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● **Simultaneous Multiomic Single-Cell Analysis Reveals Gene Regulatory Mechanism of Interleukin-Based Immunotherapy in Pancreatic Ductal Adenocarcinoma**

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● **Organoid Assessment of IL-1 Inhibition in Human Pancreatic Ductal Adenocarcinoma**

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● **Self-Reporting Transposons Enable Simultaneous Readout of Gene Expression and Transcription Factor Binding in Single Cells** *CELL*

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