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Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

Publications

PUBLICATIONS

- **Histological signatures map anti-fibrotic factors in mouse and human lungs.** *Nature*
Guo, J. L., Griffin, M., Yoon, J. K., Lopez, D. M., Zhu, Y., Lu, J. M., Mikos, G., Parker, J. B., Mascharak, S., Brenac, C., Guardino, N. J., Abbas, D. B., Li, et al
2025
- **Detection of effusion tumor cells under different storage and processing conditions.** *Cancer cytopathology*
Libert, D. M., Zhu, Y., Wang, A., Allard, G. M., Cheng-Yi Lowe, A.
2024
- **Comprehensive epithelial biomarker analysis of malignant mesothelioma: EpCAM positivity is a potential diagnostic pitfall.** *Cancer cytopathology*
Zhu, Y., Moore, S., Wang, A., George, E., Allard, G. M., Libert, D. M., Lowe, A. C.
2023
- **Single-cell Retrieval from Clinical Cytology Slides Under Morphologic Guidance Facilitates Future Comprehensive Genomic Profiling from Paucicellular Samples**
Zhu, Y., Aragon, A., Wang, A., Gonzalez-pena, V., Gawad, C., Lowe, A.
ELSEVIER SCIENCE INC.2023: S388
- **Detecting Effusion Tumor Cells (ETCs) Under Different Storage and Processing Conditions**
Libert, D., Zhu, Y., Wang, A., Lowe, A.
ELSEVIER SCIENCE INC.2023: S328-S329
- **Structure-Function Relationship for a Divergent Atg8 Protein Required for a Nonautophagic Function in Apicomplexan Parasites.** *mBio*
Walczak, M., Meister, T. R., Nguyen, H. M., Zhu, Y., Besteiro, S., Yeh, E.
2023: e0364221
- **Immunofluorescent and molecular characterization of effusion tumor cells reveal cancer site#of#origin and disease#driving mutations** *Cancer Cytopathology*
Zhu, Y., Wang, A., Allard, G. M., Nordberg, J. J., Nair, R. V., Kunder, C. A., Lowe, A. C.
2022
- **Identification and characterization of effusion tumor cells (ETCs) from remnant pleural effusion specimens.** *Cancer cytopathology*
Zhu, Y., Allard, G. M., Ericson, N. G., George, T. C., Kunder, C. A., Lowe, A. C.
2021

- **Multiplexed fluorescence in situ hybridization-based detection of circulating tumor cells: A novel liquid-based technology to facilitate accurate and early identification of non-small cell lung cancer patients.** *Cancer cytopathology*
Zhu, Y., Lowe, A. C.
2020
- **An in vitro Microscopy-based Assay for Microtubule-binding and Microtubule-crosslinking by Budding Yeast Microtubule-associated Protein** *BIO-PROTOCOL*
Zhu, Y., Tan, W., Lee, W.
2018; 8 (23)
- **Microtubule cross-linking activity of She1 ensures spindle stability for spindle positioning** *JOURNAL OF CELL BIOLOGY*
Zhu, Y., An, X., Tomaszewski, A., Hepler, P. K., Lee, W.
2017; 216 (9): 2759–75
- **The role of plus TIPs in directional tip expansion** *MOLECULAR MICROBIOLOGY*
Zhu, Y., Lee, W.
2014; 94 (3): 486–89