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Bio

BIO

Dr. Amy Lo is a pathologist with board certification in anatomic pathology, clinical pathology and molecular genetic pathology. She completed her MD and MS at the University of Illinois at Chicago and her residency in both anatomic and clinical pathology at Northwestern University. She then joined the faculty at Northwestern University as a Clinical Instructor and Advanced Gastrointestinal/Surgical Pathology Fellow. Amy then completed a molecular genetic pathology fellowship at Stanford University.

In 2016, Amy joined Genentech as research pathology scientist supporting drug research and development with a focus in oncology and individualized drug development.

Additionally, Amy continues clinical work as an Adjunct Clinical Assistant Professor in pathology at Stanford University and Lucille Packard's Children's Hospital.

CLINICAL FOCUS

- Anatomic and Clinical Pathology

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Department of Pathology (2016) CA
- Board Certification: Molecular Genetic, American Board of Pathology (2016)

- Fellowship: Northwestern University Medical Center (2015) IL
- Board Certification: Anatomic and Clinical Pathology, American Board of Pathology (2014)
- Residency: Northwestern University Medical Center (2014) IL
- Medical Education: University of Illinois at Chicago College of Medicine (2010) IL

Publications

PUBLICATIONS

- **Novel Anti-LY6G6D/CD3 T Cell-Dependent Bispecific Antibody for the Treatment of Colorectal Cancer.** *Molecular cancer therapeutics*
Wang, P., Sun, L. L., Clark, R., Hristopoulos, M., Chiu, C. P., Dillon, M., Lin, W., Lo, A. A., Chalasani, S., Das Thakur, M., Zimmerman Savill, K. M., Rougé, L., Lupardus, et al
2022
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Lo, A. A., Wallace, A., Oreper, D., Lounsbury, N., Havnar, C., Pechuan-Jorge, X., Wu, T. D., Bourgon, R., Jones, R., Krogh, K., Yang, G., Zill, O. A.
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- **Cutaneous desmoid-type fibromatosis: a rare case with molecular profiling.** *Journal of cutaneous pathology*
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2021
- **Anti-LYPD1/CD3 T-Cell-Dependent Bispecific Antibody for the Treatment of Ovarian Cancer** *MOLECULAR CANCER THERAPEUTICS*
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- **Innovative Tumor Tissue Dissection Tool for Molecular Oncology Diagnostics** *JOURNAL OF MOLECULAR DIAGNOSTICS*
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- **Automated Dissection Protocol for Tumor Enrichment in Low Tumor Content Tissues** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
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2021
- **Multi-region sequencing analysis of metastatic solid tumors to inform targeting of personalized cancer immunotherapies.**
Lo, A., Wallace, A., Oreper, D., Lounsbury, N., Havnar, C., Espiritu, C., Pechuan-Jorge, X., Bourgon, R., Jones, R., Krogh, K., Yang, G., Zill, O.
AMER ASSOC CANCER RESEARCH.2021
- **Report on computational assessment of Tumor Infiltrating Lymphocytes from the International Immuno-Oncology Biomarker Working Group.** *NPJ breast cancer*
Amgad, M., Stovgaard, E. S., Balslev, E., Thagaard, J., Chen, W., Dudgeon, S., Sharma, A., Kerner, J. K., Denkert, C., Yuan, Y., AbdulJabbar, K., Wienert, S., Savas, et al
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- **Powerful Multi-Region Sequencing and Somatic Mutation Clonality Analysis of Intratumoral Heterogeneity on Paired Primary and Metastatic Tumor Samples**
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- **Relative Target Affinities of T-Cell-Dependent Bispecific Antibodies Determine Biodistribution in a Solid Tumor Mouse Model** *MOLECULAR CANCER THERAPEUTICS*
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2018; 17 (4): 776-785
- **Assessing Tumor-Infiltrating Lymphocytes in Solid Tumors: A Practical Review for Pathologists and Proposal for a Standardized Method from the International Immuno-Oncology Biomarkers Working Group: Part 2: TILs in Melanoma, Gastrointestinal Tract Carcinomas, Non-Small Cell Lung Carcinoma and Mesothelioma, Endometrial and Ovarian Carcinomas, Squamous Cell Carcinoma of the Head and Neck, Genitourinary Carcinomas, and Primary Brain Tumors** *ADVANCES IN ANATOMIC PATHOLOGY*
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- **Comparative Study of Isocitrate Dehydrogenase 1 Mutations in Intrahepatic Cholangiocarcinoma by Immunohistochemistry and Pyrosequencing**
Lo, A. A., Costa, H. A., Zehnder, J., Dittman, D., Rao, S., Yang, G., Beaubier, N.
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- **Somatic Mutational Landscape of Inflammatory Bowel Disease-Associated Signet Ring Cell Colorectal Carcinoma**
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- **Histopathologic patterns among achalasia subtypes** *NEUROGASTROENTEROLOGY AND MOTILITY*
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2016; 28 (1): 139-145
- **Beyond hepatic hemangiomas: the diverse appearances of gastrointestinal and genitourinary hemangiomas** *ABDOMINAL IMAGING*
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 - **Enterohemorrhagic E. coli alters murine intestinal epithelial tight junction protein expression and barrier function in a Shiga toxin independent manner** *LABORATORY INVESTIGATION*
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