

Department of Pathology

New Publications

- **VanderLaan PA.** *Cytology fine-needle aspiration and surgical pathology core needle biopsy reporting: blurred lines or battle lines?* **J Am Soc Cytopathol.** 2025 Jan-Feb;14(1):1-4. doi: 10.1016/j.jasc.2024.10.002 | PMID: [39516138](#)
- **Wahane A, Kasina V, Pathuri M, Marro-Wilson C, Gupta A, Slack FJ, Bahal R.** *Development of bioconjugate-based delivery systems for nucleic acids.* **RNA.** 2024 Dec 16;31(1):1-13. doi: 10.1261/rna.080273.124 | PMID: [39477529](#); PMCID: PMC11648935
- **Huang P, Wei G, Kirkpatrick JD, et al.** *Transposon-based oncogene integration in Abcb4(Mdr2)-/- mice recapitulates high susceptibility to cholangiocarcinoma in primary sclerosing cholangitis.* **J Hepatol.** 2025 Jan;82(1):84-96. doi: 10.1016/j.jhep.2024.07.016 | PMID: [39089631](#); PMCID: PMC11655257
- **Quinlivan KM, Howard IV, Southan F, et al.** *Exploring the Unique Role of Specialized Pro-Resolving Mediators in Cancer Therapeutics.* **Prostaglandins Other Lipid Mediat.** 2024 Dec 23;106944. doi: 10.1016/j.prostaglandins.2024.106944 | PMID: [39722403](#)
- **Krimsky WS, VanderLaan PA, Iding JS, et al.** *A quantitative method for assessing treatment-related changes within the airway mucosa in patients with chronic bronchitis.* **Respir Med.** 2025 Jan;236:107889. doi: 10.1016/j.rmed.2024.107889 | PMID: [39615802](#)
- **Zhao M, Manayan RC, Nishino M, Gomez ED.** *Oral Herpes Simplex Virus Mimicking Tongue Squamous Cell Carcinoma in Von Hippel-Lindau Patient: A Case Image.* **Head Neck Pathol.** 2025 Jan 7;19(1):4. doi: 10.1007/s12105-024-01721-7 | PMID: [39775472](#); PMCID: PMC11706810
- **Omenn GS, Orchard S, Lane L, et al.** *The 2024 Report on the Human Proteome from the HUPO Human Proteome Project.* **J Proteome Res.** 2024 Dec 6;23(12):5296-5311. doi: 10.1021/acs.jproteome.4c00776 | PMID: [39514846](#)
- **Protonotarios A, Asimaki A, Basso C, et al.** *Naxos Disease and Related Cardio-Cutaneous Syndromes.* **JACC Adv.** 2025 Jan 10;4(2):101547. doi: 10.1016/j.jacadv.2024.101547 | PMID: [39877668](#); PMCID: PMC11773020

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- **Abel G, Ansari MQ, Snyder MR, et al.** *Historical Perspective on Antinuclear Antibody Testing.* *J Rheumatol.* 2025 Feb 1;jrheum.2023-1121. doi: 10.3899/jrheum.2023-1121 | PMID: [39892879](#)
- **Nguyen P, Li M, Morgan A, Arnaout R, Arnaout R.** *Grade Inflation in Generative Models.* *ArXiv [Preprint].* 2025 Jan 22;arXiv:2501.00664v3. PMID: [39801617](#); PMCID: PMC11722526
- **Schwartz SN, Stamer DK, Jiles E, et al.** *DNA methylation profiling in a case of papillary tumor of the pineal region.* *J Neuropathol Exp Neurol.* 2025 Feb 1;84(2):158-160. doi: 10.1093/jnen/nlae099 | PMID: [39321468](#)
- **Kakoullis L, Alonso CD, Burns R, et al.** *Comparative Outcomes of Babesiosis in Immunocompromised and Non-Immunocompromised Hosts: A Multicenter Cohort Study.* *Clin Infect Dis.* 2025 Jan 28;ciaf034. doi: 10.1093/cid/ciaf034 | PMID: [39873391](#)
- **Bhattacharjee S, Gao J, Lu YW, et al.** *Endothelial FOXM1 and Dab2 promote diabetic wound healing.* *JCI Insight.* 2025 Jan 23;10(2):e186504. doi: 10.1172/jci.insight.186504 | PMID: [39846251](#); PMCID: PMC11790024
- **Huang Q, Cheng YQ, Hu KW, Ding Y.** *Gastric Cardiac Carcinoma: Recent Progress in Clinicopathology, Prognosis, and Early Diagnosis.* *J Dig Dis.* 2025 Mar 20. doi: 10.1111/1751-2980.13336. Epub ahead of print. PMID: [40110752](#).
- **Abel G, Ansari MQ, Snyder MR, Tebo AE, Wener MH, Naides SJ.** *Historical Perspective on Antinuclear Antibody Testing.* *J Rheumatol.* 2025 Mar [PubMed PMID: 39892879](#)
- **Wang S.** *Resolving the bone - optimizing decalcification in spatial transcriptomics and molecular pathology.* *J Histotechnol.* 2025 Mar;48(1):68-77. [PubMed PMID: 39723974](#)
- **Harvey J, et al.** *Epigenetic insights into neuropsychiatric and cognitive symptoms in Parkinson's disease.* *NPJ Parkinsons Dis.* 2025 Mar 2;11(1):39. [PubMed PMID: 40025048](#) | [PMC: PMC11873129](#)
- **Salehi Farid A, et al.** *CD45-PET is a robust, non-invasive tool for imaging inflammation.* *Nature.* 2025 Mar;639(8053):214-224. [PubMed PMID: 39843738](#)
- **Otani Y, et al.** *The role of C1orf50 in breast cancer progression and prognosis.* *Breast Cancer.* 2025 Mar;32(2):292-305. [PubMed PMID: 39604563](#) | [PMC: PMC11842435](#)
- **Huang Y, et al.** *Triple antimicrobial combinations with potent synergistic activity against *M. abscessus*.* *Antimicrob Agents Chemother.* 2025 Mar 14. [PubMed PMID: 40084880](#)

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- **Torous VF, Pineda CM, Quintana LM, Chebib I, VanderLaan PA.** *Pericardial effusion cytology: malignancy rates, patterns of metastasis, comparison with pericardial window, and genomic correlates.* **J Am Soc Cytopathol.** 2025 Mar-Apr;14(2):132-141. doi: 10.1016/j.jasc.2024.12.005 | PMID: [39843307](#)
- **Tanaka A, Ogawa M, Zhou Y, et al.** *Proteomic basis for pancreatic acinar cell carcinoma and pancreatoblastoma as similar yet distinct entities.* **NPJ Precis Oncol.** 2024 Oct 3;8(1):221. doi: 10.1038/s41698-024-00708-5 | PMID: [39363045](#); PMCID: PMC11449907
- **Rezaeian AH, Wei W.** *Molecular signaling and clinical implications in the human aging-cancer cycle.* **Semin Cancer Biol.** 2024 Nov;106-107:28-42. doi: 10.1016/j.semcancer.2024.08.003 | PMID: [39197809](#); PMCID: PMC11625621
- **Argani P, Oshima K, Anders RA, et al.** *Cholangioblastic Cholangiocarcinoma (NIPBL::NACC1 cholangiocarcinoma): Expanded Morphologic Spectrum and Further Genetic Characterization.* **Am J Surg Pathol.** 2025 Jan 16. doi: 10.1097/PAS.0000000000002365 | PMID: [39815455](#)
- **Pita-Juarez Y, Karagkouni D, Kalavros N, Melms JC, Niezen S, Delorey TM, Essene AL, Brook OR, Pant D, Skelton-Badlani D, Naderi P, Huang P, Pan L, Hether T, Andrews TS, Ziegler CGK, Reeves J, Myloserdnyy A, Chen R, Nam A, Phelan S, Liang Y, Gregory M, He S, Patrick M, Rane T, Wardhani A, Amin AD, Biermann J, Hibshoosh H, Veregge M, Kramer Z, Jacobs C, Yalcin Y, Phillips D, Slyper M, Subramanian A, Ashenberg O, Bloom-Ackermann Z, Tran VM, Gomez J, Sturm A, Zhang S, Fleming SJ, Warren S, Beechem J, Hung D, Babadi M, Padera RF Jr, MacParland SA, Bader GD, Imad N, Solomon IH, Miller E, Riedel S, Porter CBM, Villani AC, Tsai LT, Hide W, Szabo G, Hecht J, Rozenblatt-Rosen O, Shalek AK, Izar B, Regev A, Popov YV, Jiang ZG, Vlachos IS.** *A single-nucleus and spatial transcriptomic atlas of the COVID-19 liver reveals topological, functional, and regenerative organ disruption in patients.* **Genome Biol.** 2025 Mar 14;26(1):56. DOI: 10.1186/s13059-025-03499-5 | [PMID: 40087773](#) | [PMCID: PMC11907808](#)
- **Hubbard JA.** *Review on Toxicology Testing in Hair.* **J Appl Lab Med.** 2025 Mar 28;jfaf026. doi: 10.1093/jalm/jfaf026. Epub ahead of print. PMID: [40156129](#)