

Resident Publications in PUBMED indexed, Peer-reviewed Journals (2020 - 2023)

NorthShore research:

Casa D, Wang L, Tretiakova M, Cibull T, Pease G. Penile Myointimoma: A Clinicopathologic Study of 4 Tumors. *Int J Surg Pathol*. 2023 Aug;31(5):675-679. doi: 10.1177/10668969221117236. Epub 2022 Aug 9. PMID: 35946081.

Manjee K, Price E, Ernst LM. Comparison of the Autopsy and Placental Findings in Second vs Third Trimester Stillbirth. *Pediatr Dev Pathol*. 2023 Apr 21:10935266231165854. doi: 10.1177/10935266231165854. Epub ahead of print. PMID: 37082921.

Kaur A, Kuchta K, Watkin W, Sullivan M, Liu L, Jamshidi P, Campbell N, Brockstein B, Paintal A. Programmed Death Ligand-1 Combined Positive Score Concordance and Interrater Reliability in Primary Tumors and Synchronous Lymph Node Metastases in Resected Cases of p16+ Oropharyngeal Squamous Cell Carcinoma. *Arch Pathol Lab Med*. 2023 Apr 1;147(4):442-450. doi: 10.5858/arpa.2021-0464-OA. PMID: 35862863.

[Programmed Death Ligand-1 Combined Positive Score Concordance and Interrater Reliability in Primary Tumors and Synchronous Lymph Node Metastases in Resected Cases of p16+ Oropharyngeal Squamous Cell Carcinoma | Archives of Pathology & Laboratory Medicine \(allenpress.com\)](#)

Akinyemi AA, Mehreen A, Mangold KA, Regner M, Lee JM, Ernst LM. The Prevalence of SARS-CoV-2 in Autopsies Surrounding the Time of Pandemic Onset: A Retrospective Review of Cases. *Arch Pathol Lab Med*. 2023 Apr 12. doi: 10.5858/arpa.2022-0547-SA. Epub ahead of print. PMID: 37040452.

[The Prevalence of SARS-CoV-2 in Autopsies Surrounding the Time of Pandemic Onset: A Retrospective Review of Cases | Archives of Pathology & Laboratory Medicine \(allenpress.com\)](#)

Choo ZY, Akinyemi AA, Cibull T, Mehlis S, Waldinger JB. Angioimmunoblastic T-cell lymphoma unmasked by treatment with dupilumab. *JAAD Case Rep*. 2023 Jan 26;33:87-90. doi: 10.1016/j.jdc.2023.01.008. PMID: 36895510; PMCID: PMC9989280.

[Angioimmunoblastic T-cell lymphoma unmasked by treatment with dupilumab - PMC \(nih.gov\)](#)

Rezaei Bookani K, Minga I, Wodskow J, Harris J, Gordon R, Sarswat N, Pursnani A. A case series of desmoplakin cardiomyopathy: a mimic of viral myocarditis. *Eur Heart J Case Rep*. 2022 Aug 16;6(8):ytac341. doi: 10.1093/ehjcr/ytac341. PMID: 36043215; PMCID: PMC9384800.

[A case series of desmoplakin cardiomyopathy: a mimic of viral myocarditis - PMC \(nih.gov\)](#)

Fritsch MK, Gotteiner N, Rehman JA, Price E, Ernst LM. Fetal Supraventricular Tachycardia: Histologic Evidence of Accessory Pathways Due to Incomplete Annulus Fibrosus Formation. *Pediatr Dev Pathol*. 2023 Mar 30;10935266231162764. doi: 10.1177/10935266231162764. Epub ahead of print. PMID: 36999240.

Ernst LM, Bockoven C, Freedman A, Wang V, Pellerite M, Wylie TN, Wylie KM. Chronic villitis of unknown etiology: Investigations into viral pathogenesis. *Placenta*. 2021 Apr;107:24-30. doi: 10.1016/j.placenta.2021.02.020. Epub 2021 Mar 1. PMID: 33730616; PMCID: PMC8101289.

[Chronic Villitis of Unknown Etiology: Investigations into Viral Pathogenesis - PMC \(nih.gov\)](#)

Agarwal I, Ernst LM. Perinatal Pulmonary Hemorrhage: A Retrospective Autopsy Case Series. *Pediatr Dev Pathol*. 2020 Aug;23(4):267-273. doi: 10.1177/1093526619900728. Epub 2020 Feb 19. PMID: 32075513.

Bockoven C, Gastfield RD, Victor T, Venkatasubramanian PN, Wyrwicz AM, Ernst LM. Correlation of Placental Magnetic Resonance Imaging with Histopathologic Diagnosis: Detection of Aberrations in Structure and Water Diffusivity. *Pediatr Dev Pathol*. 2020 Aug;23(4):260-266. doi: 10.1177/1093526619895438. Epub 2019 Dec 23. PMID: 31870210.

Bockoven C, Benirschke RC, Lee HK. Elevated Lactate Dehydrogenase Concentrations in Plasma Compared to Serum. *Lab Med*. 2022 Sep 1;53(5):479-482. doi: 10.1093/labmed/lmac026. PMID: 35512404.

Agarwal I, Sabatini L, Alikhan MB. Diagnostic Capability of Next-Generation Sequencing Fusion Analysis in Identifying a Rare CASE of *TRAF1-ALK*-Associated Anaplastic Large Cell Lymphoma. *Front Oncol*. 2020 May 8;10:730. doi: 10.3389/fonc.2020.00730. PMID: 32457846; PMCID: PMC7225296.

[Diagnostic Capability of Next-Generation Sequencing Fusion Analysis in Identifying a Rare CASE of TRAF1-ALK-Associated Anaplastic Large Cell Lymphoma - PMC \(nih.gov\)](#)

Ikegami S, Benirschke RC, Fakhrai-Rad H, Motamedi MH, Hockett R, David S, Lee HK, Kang J, Gniadek TJ. Target specific serologic analysis of COVID-19 convalescent plasma. PLoS One. 2021 Apr 28;16(4):e0249938. doi: 10.1371/journal.pone.0249938. PMID: 33909632; PMCID: PMC8081213.

[Target specific serologic analysis of COVID-19 convalescent plasma - PMC \(nih.gov\)](#)

Non-NorthShore research:

Lopez KJ, Cross-Najafi AA, Farag K, Obando B, Thadasina D, Isidan A, Park Y, Zhang W, Ekser B, Li P. Strategies to induce natural killer cell tolerance in xenotransplantation. Front Immunol. 2022 Aug 22;13:941880. doi: 10.3389/fimmu.2022.941880. PMID: 36072599; PMCID: PMC9441937.

[Strategies to induce natural killer cell tolerance in xenotransplantation - PMC \(nih.gov\)](#)

Park Y, Thadasina D, Bolujo I, Isidan A, Cross-Najafi AA, Lopez K, Li P, Dahlem AM, Kennedy L, Sato K, Francis H, Alpini G, Zhang W, Ekser B. Three-Dimensional Organoids as a Model to Study Nonalcoholic Fatty Liver Disease. Semin Liver Dis. 2022 Nov;42(4):423-433. doi: 10.1055/a-1934-5588. Epub 2022 Aug 31. PMID: 36044928.

[Thieme E-Journals - Seminars in Liver Disease / Abstract \(thieme-connect.com\)](#)

Ceci L, Chen L, Baiocchi L, Wu N, Kennedy L, Carpino G, Kyritsi K, Zhou T, Owen T, Kundu D, Sybenga A, Isidan A, Ekser B, Franchitto A, Onori P, Gaudio E, Mancinelli R, Francis H, Alpini G, Glaser S. Prolonged Administration of Melatonin Ameliorates Liver Phenotypes in Cholestatic Murine Model. Cell Mol Gastroenterol Hepatol. 2022;14(4):877-904. doi: 10.1016/j.jcmgh.2022.07.007. Epub 2022 Jul 19. PMID: 35863741; PMCID: PMC9425041.

[Prolonged Administration of Melatonin Ameliorates Liver Phenotypes in Cholestatic Murine Model - PMC \(nih.gov\)](#)

Isidan A, Yenigun A, Soma D, Aksu E, Lopez K, Park Y, Cross-Najafi A, Li P, Kundu D, House MG, Chakraborty S, Glaser S, Kennedy L, Francis H, Zhang W, Alpini G, Ekser B. Development and Characterization of Human Primary Cholangiocarcinoma Cell Lines. Am J Pathol. 2022 Sep;192(9):1200-1217. doi: 10.1016/j.ajpath.2022.05.007. Epub 2022 May 28. PMID: 35640676; PMCID: PMC9472155.

[Development and Characterization of Human Primary Cholangiocarcinoma Cell Lines - ScienceDirect](#)

Zhang W, Kyritsi K, Isidan A, Park Y, Li P, Cross-Najafi AA, Lopez K, Kennedy L, Sato K, Glaser S, Francis H, Alpini G, Ekser B. Development of Scaffold-Free Three-Dimensional Cholangiocyte Organoids to Study the Progression of Primary Sclerosing Cholangitis. *Am J Pathol*. 2023 May 30:S0002-9440(23)00197-9. doi: 10.1016/j.ajpath.2023.05.005. Epub ahead of print. PMID: 37263345.

[Development of Scaffold-Free Three-Dimensional Cholangiocyte Organoids to Study the Progression of Primary Sclerosing Cholangitis - ScienceDirect](#)

Kennedy L, Carpino G, Owen T, Ceci L, Kundu D, Meadows V, Kyritsi K, Franchitto A, Onori P, Isidan A, Zhang W, Ekser B, Alvaro D, Gaudio E, Gershwin ME, Francis H, Glaser S, Alpini G. Secretin alleviates biliary and liver injury during late-stage primary biliary cholangitis via restoration of secretory processes. *J Hepatol*. 2023 Jan;78(1):99-113. doi: 10.1016/j.jhep.2022.07.034. Epub 2022 Aug 18. PMID: 35987275.

[Secretin alleviates biliary and liver injury during late-stage primary biliary cholangitis via restoration of secretory processes - ScienceDirect](#)

Meadows V, Marakovits C, Ekser B, Kundu D, Zhou T, Kyritsi K, Pham L, Chen L, Kennedy L, Ceci L, Wu N, Carpino G, Zhang W, Isidan A, Meyer A, Owen T, Gaudio E, Onori P, Alpini G, Francis H. Loss of apical sodium bile acid transporter alters bile acid circulation and reduces biliary damage in cholangitis. *Am J Physiol Gastrointest Liver Physiol*. 2023 Jan 1;324(1):G60-G77. doi: 10.1152/ajpgi.00112.2022. Epub 2022 Nov 21. PMID: 36410025; PMCID: PMC9799145.

[Loss of apical sodium bile acid transporter alters bile acid circulation and reduces biliary damage in cholangitis | American Journal of Physiology-Gastrointestinal and Liver Physiology](#)

Fox SE, Li G, Akmatbekov A, Harbert JL, Lameira FS, Brown JQ, Vander Heide RS. Unexpected Features of Cardiac Pathology in COVID-19 Infection. *Circulation*. 2020 Sep 15;142(11):1123-1125. doi: 10.1161/CIRCULATIONAHA.120.049465. Epub 2020 Jul 21. PMID: 32689809.

[Unexpected Features of Cardiac Pathology in COVID-19 Infection | Circulation \(ahajournals.org\)](#)

Fox SE, Akmatbekov A, Harbert JL, Li G, Quincy Brown J, Vander Heide RS. Pulmonary and cardiac pathology in African American patients with COVID-19: an autopsy series from New Orleans. *Lancet Respir Med*. 2020 Jul;8(7):681-686. doi: 10.1016/S2213-2600(20)30243-5. Epub 2020 May 27. PMID: 32473124; PMCID: PMC7255143.

[Pulmonary and cardiac pathology in African American patients with COVID-19: an autopsy series from New Orleans - ScienceDirect](#)

Cohen-Cutler S, Szymanski LJ, Bockoven C, Miller JM, Moke D, Anselmo DM, Lee J, Luu M. Catastrophic congenital hemangioma with severe coagulopathy leading to fatal cardiac failure: Case report and review. *Pediatr Dermatol.* 2021 Sep;38(5):1276-1282. doi: 10.1111/pde.14825. Epub 2021 Sep 30. PMID: 34595775.

[Catastrophic congenital hemangioma with severe coagulopathy leading to fatal cardiac failure: Case report and review - Cohen-Cutler - 2021 - Pediatric Dermatology - Wiley Online Library](#)

Kliewer MA, Bagley AR, Reeder SB, Iruretagoyena JI, Bockoven CG, Fritsch MK. Normal placental structural anatomy: ultrasound and doppler features elucidated with US-MR image fusion and ferumoxytol-enhanced MRI. *Abdom Radiol (NY).* 2023 Feb;48(2):744-751. doi: 10.1007/s00261-022-03758-0. Epub 2022 Dec 3. PMID: 36462034.

Kliewer MA, Bockoven CG, Reeder SB, Bagley AR, Fritsch MK. Ferumoxytol-enhanced magnetic resonance imaging with volume rendering: A new approach for the depiction of internal placental structure in vivo. *Placenta.* 2023 Jan;131:104-110. doi: 10.1016/j.placenta.2022.12.001. Epub 2022 Dec 20. PMID: 36577278.

[Ferumoxytol-enhanced magnetic resonance imaging with volume rendering: A new approach for the depiction of internal placental structure in vivo - ScienceDirect](#)

Kliewer MA, Bockoven CG, Reeder SB, Bagley AR, Sadowski EA, Iruretagoyena JI, Beninati MJ, Fritsch MK. Ferumoxytol-enhanced MR demonstration of changes to internal placental structure in placenta accreta spectrum: Preliminary findings. *Placenta.* 2023 Mar 24;134:1-8. doi: 10.1016/j.placenta.2023.02.003. Epub 2023 Feb 10. PMID: 36807998.

[Ferumoxytol-enhanced MR demonstration of changes to internal placental structure in placenta accreta spectrum: Preliminary findings - ScienceDirect](#)

Braun A, Solari M, Gattuso P, Agarwal I. Benign Vascular Lesions of the Breast: A Clinical, Radiographic, and Pathologic Review. *Int J Surg Pathol.* 2023 Apr 9:10668969231160254. doi: 10.1177/10668969231160254. Epub ahead of print. PMID: 37032453.

Resident Publications in Electronic Media (2020 – 2023):

Adesola Akinyemi, Paige Larkin, An Elderly Patient with Pyrazinamide Susceptible Mycobacterium bovis BCG Infection ... Or Is It? Feb 10, 2023.

[An Elderly Patient with Pyrazinamide Susceptible Mycobacterium bovis BCG Infection ... Or Is It? – Lablogatory \(labmedicineblog.com\)](https://labmedicineblog.com/2023/02/10/an-elderly-patient-with-pyrazinamide-susceptible-mycobacterium-bovis-bcg-infection-or-is-it/)

Ansa Mehreen, Erin McElvania, Microbiology Case Study: Skin and Soft Tissue Infection Caused by an Unusual Bacterium, July 10, 2020.

[Microbiology Case Study: Skin and Soft Tissue Infection Caused by an Unusual Bacterium – Lablogatory \(labmedicineblog.com\)](https://labmedicineblog.com/2020/07/10/microbiology-case-study-skin-and-soft-tissue-infection-caused-by-an-unusual-bacterium/)

Ansa Mehreen, Erin McElvania, Microbiology Case Study: A 42 Year Old Male with Bacteremia, Feb 10, 2020.

[Microbiology Case study: A 42 Year Old Male with Bacteremia – Lablogatory \(labmedicineblog.com\)](https://labmedicineblog.com/2020/02/10/microbiology-case-study-a-42-year-old-male-with-bacteremia/)

Payu Raval, Paige M.K. Larkin, Microbiology Case Study: A Preteen Boy with Cold and Cough, 2/10/2022.

[Microbiology Case Study: A Preteen Boy with Cold and Cough – Lablogatory \(labmedicineblog.com\)](https://labmedicineblog.com/2022/02/10/microbiology-case-study-a-preteen-boy-with-cold-and-cough/)

Payu Raval, MD; Paige M.K. Larkin, An Adult Patient Presents with Mild Penile Irritation and Discharge, 9/10/2022.

[An Adult Patient Presents with Mild Penile Irritation and Discharge – Lablogatory \(labmedicineblog.com\)](https://labmedicineblog.com/2022/09/10/an-adult-patient-presents-with-mild-penile-irritation-and-discharge/)

Marika Forsythe and Paige M.K. Larkin, Microbiology Case Study: An Elderly Male Presents with Chest Tightness, 11/10/2021.

[Microbiology Case Study: An Elderly Male Presents with Chest Tightness – Lablogatory \(labmedicineblog.com\)](https://labmedicineblog.com/2021/11/10/microbiology-case-study-an-elderly-male-presents-with-chest-tightness/)

Marika Forsythe and Paige M.K. Larkin, Microbiology Case Study: Young Male Patient Presenting with Severe Hip Pain, 7/10/2022.

[Microbiology Case Study: Young Male Patient Presenting with Severe Hip Pain – Lablogatory \(labmedicineblog.com\)](https://labmedicineblog.com/2022/07/10/microbiology-case-study-young-male-patient-presenting-with-severe-hip-pain/)

Ximena Wise and Paige M.K. Larkin, Microbiology Case Study: Traveler with Fever, 2/10/2023.

[Microbiology Case Study: Traveler with Fever – Lablogatory \(labmedicineblog.com\)](https://labmedicineblog.com/microbiology-case-study-traveler-with-fever/)