

SCHOLARLY WORK

Resident & Fellow Presentations, Publications, and Research

Pathology Residents

PGY-1: Dr. Nicholas Quitarano

- Nicholas Quitarano, Bing Leng, Eduardo Echeverry-Castro. Incidental Intravascular Large B Cell Lymphoma in a Patient with Clear Cell Renal Cell Carcinoma. TSP's 102nd Annual Meeting, January 27-29th 2023, Plano, Texas.
- Nicholas Quitarano, Debby Rampisela, Bing Leng. Clinicopathological Correlation of Pulmonary Amyloidosis. An Institutional Review. Podium presentation at Baylor Scott and White 2023 Scholar's Day, May 2023 (Also submitted to CAP 23 annual meeting)

PGY-1: Dr. Tengfei Wang

- Munro D, Wang T, Chitre AS, Polesskaya O, Ehsan N, Gao J et al. The regulatory landscape of multiple brain regions in outbred heterogeneous stock rats. *Nucleic Acids Res.* 2022 Oct 28;50(19):10882-10895. doi: 10.1093/nar/gkac912. PMID: 36263809; PMCID: PMC9638908.
- Fowler S, Wang T, Munro D, Kumar A, Chitre AS, Hollingsworth TJ et al. Genome-wide association study finds multiple loci associated with intraocular pressure in HS rats. *Front. Genet.* 13:1029058. doi: 10.3389/fgene.2022.1029058
- Natasha Santhanam, Sandra Sanchez-Roige, Yanyu Liang, Apurva S Chitre, Daniel Munro, Denghui Chen et al. Polygenic Transcriptome Risk Scores Can Translate Genetic Results Between Species. *bioRxiv.* 2022.06. 03.494719
- Samuel Fowler, Tengfei Wang, Daniel Munro, Aman Kumar, Apurva S Chitre, TJ Hollingsworth et al. Genome-wide association study finds multiple loci associated with intraocular pressure in HS rats. *bioRxiv.* 2022.08. 16.503865
- Philip John Freda Jr, Attri Ghosh, Elizabeth Zhang, Tianhao Luo, Apurva Chitre, Oksana Polesskaya et al. Automated quantitative trait locus analysis (AutoQTL). *bioRxiv.* 2023.01. 12.523835

- Apurva S Chitre, Oksana Poleskaya, Daniel Munro, Riyan Cheng, Pejman Mohammadi, Katie Holl et al. Exponential increase in QTL detection with increased sample size. bioRxiv. 2023.01. 27.525982
- John Freda Jr, Attri Ghosh, Elizabeth Zhang, Tianhao Luo, Apurva Chitre, Oksana Poleskaya et al. Automated quantitative trait locus analysis (AutoQTL). BioData Mining. Accepted.
- Apurva S Chitre, Oksana Poleskaya, Daniel Munro, Riyan Cheng, Pejman Mohammadi, Katie Holl et al. Exponential increase in QTL detection with increased sample size. GENETICS. Accepted.
- Tengfei Wang, Riyam Zreik, Bing Leng. Primary gastric leiomyosarcoma: a rare entity and literature review. TSP's 102nd Annual Meeting, January 27-29th 2023, Plano, Texas.
- Tengfei Wang, Riyam Zreik, Bing Leng. Characteristics and Outcomes of Patients with Primary Gastric Leiomyosarcoma in Texas. Central Texas Region Scholar's Day. May 5th, Temple, TX, select podium presentation. (Also submitted to CAP 23 annual meeting)

PGY-1: Dr. Gang Zhou

- Yanhui Li, Neil Molyneaux, Haitao Zhang, Gang Zhou, Carly Kerr, Mark D Adams et al. A multiplexed, three-dimensional pooling and next-generation sequencing strategy for creating barcoded mutant arrays: construction of a Schizosaccharomyces pombe transposon insertion library. Nucleic Acids Research, Volume 50, Issue 17, 23 September 2022, Page e102.
- Gang Zhou, Ydamis Estrella Perez, Bing Leng. Alveolar adenoma with CD34 diffusely positive stromal cells: a rare case report and literature review. Presentation at TSP's 102nd Annual Meeting, Dallas TX, January 2023
- Gang Zhou, Ydamis Estrella Perez, Bing Leng. Alveolar adenoma with CD34 diffusely positive stromal cells: A rare case report and literature review. Accepted by Journal of Investigative Medicine High Impact Case Reports.

PGY-2: Blaine Berger

- Berger, Blaine, Fernandez, Martin. Basaloid Proliferation Mimicking Basal Cell Carcinoma in 12-Year-Old Patient with Carney Complex. American Society of Dermatopathology, Chicago, IL, October 21, 2022
- Berger, Blaine, Rampisela, Debby, Bishop, Justin. Xanthogranulomatous Epithelial Tumor of the Anterior Skull Base in a Young Woman. TSP's 102nd Annual Meeting, January 27-29th 2023, Plano, Texas.

PGY-2: Dr. Niloufar Pourfarrokh

- Adrianza A, Pourfarrokh N, Choi H, Hwang M, Lukey J, Jinadatha C, Navarathna DH. *Campylobacter coli* bacteremia associated with diarrhea. *ID Cases*. 2023 Mar 6;31:e01734. doi: 10.1016/j.idcr.2023.e01734. PMID: 36911871; PMCID: PMC9992746.
- Pourfarrokh N, Wang Y, Cleaves C, Zreik R, Leng B. Solitary Fibrous Tumor of Hard Palate: A Case Report and Literature Review. *J Investig Med High Impact Case Rep*. 2022 Jan-Dec; 10:23247096221142275. PMID: 36546664; PMCID: PMC9793056.
- Pourfarrokh N, Asirvatham JR. Isolated Eosinophilic Myometritis; A Case Report. Submitted to *International Journal of Gynecological Pathology*.
- John M.A, Pourfarrokh N, Asirvatham JR. Melanoma In Breast: A Diagnostic Challenge. Submitted to *Yale Journal of Biology and Medicine*.
- L. Cuello, N. Pourfarrokh, L. Lopez, L. Liu, J.R. Asirvatham. Acinic Cell Carcinoma of the breast with An Adjacent Precursor Lesion. Submitted to CAP23 Abstract Program.
- N. Pourfarrokh, J. Asirvatham, M. Haque. Pseudopapillary Histiocytic Hyperplasia of Fallopian Tube: A Diagnostic Pitfall. Submitted to CAP23 Abstract Program.
- N. Pourfarrokh, N. Nguyen. Urinary Thebaine Improves Opioid Interpretation In Pain Management. Poster Abstract Submitted to 2023 AACC Annual Scientific Meeting.

PGY-3: Rasha Abdelgader

- Rasha Abdelgader, MD, Carlos Tirado, PhD, Joy King, MD. Double-hit follicular lymphoma with MYC and BCL2 gene rearrangement. A Case Report. Submitted for 2023 CAP Annual Meeting.
- Rasha Abdelgader, MD, Leng Bing, MD, Joy King, MD. Pure Erythroid Leukemia Presenting with Hemolytic Anemia and Liver Masses. A Case Report. Submitted for 2023 CAP Annual Meeting.

PGY-3: Nadia Mohamed

- Mohamed N, Dacy NN, Lopez LM, Bicknell LM. Secondary Syphilis Presenting As Leukocytoclastic Vasculitis in A 61 Year Old Male. Accepted in Dermatology Online Journal.
- Mohamed N, Khan M, Hosler GA, Tumminello K. Primary Vulvar Extragastrointestinal Stromal Tumor in A 77 Year-old Woman. Accepted in the Journal of Cutaneous Pathology.
- Mohamed N, Rampisela D, Gowan AC. Cytokeratin-20 Negative Nodal Merkel Cell Carcinoma with Regressed Primary: A Potential Pitfall in Interpretation of Nodal Metastasis. Accepted in Dermatology Online Journal.
- Mohamed N, Castro E. The Diagnostic Role of Massively Parallel Sequencing Analysis in Characterizing Melanomas with Spindle Cell Morphology. 26th Joint Meeting of the International Society of Dermatopathology, March 15-16,2023: New Orleans, LA.
- Mohamed N, Parekh P. Conjunctival Solitary Fibrous Tumor with Scattered Giant Cells in a 12-Year-Old Boy. 59th Annual Meeting of the American Society of Dermatopathology, October 20-23, 2022; Chicago, IL.
- Mohamed N, Khan M, Hosler GA, Tumminello K. Primary Vulvar Extragastrointestinal Stromal Tumor in A 77 Year-old Woman. 59th Annual Meeting of the American Society of Dermatopathology, October 20-23, 2022; Chicago, IL.
- Bejcek A, Patrick A, Thapa N, Mohamed N, Naumann C. A Case of Mycobacterial Infection Causing Necrotizing Granulomas of the Gastrointestinal Tract and Retroperitoneal Lymphadenopathy. National American College of Gastroenterology Conference, October 24, 2022; Charlotte, NC.

PGY-3: Sarvenaz Karamooz

- Tirado CA, Lin Y, Tang R, Bajpai A, Yeh W, Karamooz S, Rao A. A CRLF2 Rearrangement in a Pediatric Patient with B-ALL Detected by FISH Within the Context of a Complex Abnormal Karyotype. *J Assoc Genet Technol.* 2022;48(4):164-167. PMID: 36469948.
- Karamooz S, Jaso JM, Fuda F. Plasma Cell Leukemia. Submitted for Pathology Outline. 2023

PGY-4: Yinan Hua

- Hua Y, Liu L, and Leng B. A single-institution experience of atypical glandular cells in cervical pap smears: focus on cytologic features differentiating squamous and glandular lesions. CAP 2022 annual meeting. Oct 10th 2022, New Orleans, LA
- Berger B, Quinton M, Hua Y, Smith L, Youens KE. Artificial intelligence-assisted quantification of PD-L1 immunostaining in non-small cell lung cancer. BSWH Scholar Day Select Podium presentation. May 5th 2023.
- Elsaqa M, Rao A, Liu L, Hua Y, Volz M, Morris R, Risinger J, Tayeb MME. Molecular detection of the COVID-19 genome in prostatic tissue of patients with previous infection. *Proc. Bayl Univ Med Cent.* 2022;35(6):759-761.
- Sanford CB, Fan J, Hua Y, Nikolaidis L, Edmister W, Payne S, Dandapantula H, Veer M, Nguyen V. Case illustration of the natural history of left dominant arrhythmogenic cardiomyopathy. Submitted.

Dermatopathology Fellow

PGY-5: Priscilla Lyon

- Lyon PRP, Trevathan S, Talukdar R, Nguyen DD, McPhaul CM, Rampisela D. A Rare Case of Metastatic Hepatocellular Carcinoma to the Hard Palate. *J Invest. Medicine High Impact Case Rep.* 2022 Jan-Dec;10:23247096221133989. doi: 10.1177/23247096221133989. PMID: 36300426.
- Lyon PRP, Burgess B, Berg EA, Fernandez M, Rampisela D. Cutaneous and Subcutaneous Perineurioma in 2 Pediatric Patients. *Cutis.* doi:10.12788/cutis.0644
- Mayo S, Villamaria EE, Staples J, Lyon P, Hendrick S. (2022, September 23). Rhabdomyomatous Mesenchymal Hamartoma: A Case Report [Poster presented]. Texas Dermatological Society Fall Annual Meeting/Bastrop, TX, USA.