Stanford



Megan Troxell

Professor of Pathology

CLINICAL OFFICE (PRIMARY)

- **Surgical Pathology**

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Bio

BIO

Dr. Troxell is a Pathologist with special interest in breast pathology, and renal pathology, including medical kidney disease, and kidney transplant. She has been practicing pathology for over 10 years.

CLINICAL FOCUS

- Breast Pathology
- Renal Pathology
- Transplant Pathology
- Anatomic and Clinical Pathology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Pathology

ADMINISTRATIVE APPOINTMENTS

- Director, Electron MIcroscopy Laboratory, (2022- present)
- Co-director, Surgical Pathology, (2023- present)
- Co-Director, Stanford Immunodiagnosis Laboratory, (2018- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board of Directors, International Society for Immunohistochemistry and Molecular Morphology (2019 - present)
- Editorial Board, Modern Pathology (2023 - present)

PROFESSIONAL EDUCATION

- Medical Education: Stanford University School of Medicine (2000) CA
- MD/PhD, Stanford University (2000)
- Residency, Stanford University , Anatomic Pathology

- Fellowships, Stanford University , Surgical Pathology, Renal & IPOX
- Board Certification, American Board of Pathology , Anatomic Pathology (2004)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Breast pathology, renal pathology, transplant pathology, immunohistochemistry

Publications

PUBLICATIONS

- **Kikuchi-Fujimoto-Like Renal Involvement in Autoimmune Disease.** *Kidney international reports*
  Andeen, N. K., Caza, T., Sood, S., Kurien, A. A., Dougherty, J., Kung, V. L., Dunlap, J., Avasare, R. S., Deodhar, A., Troxell, M. L., Cossey, L. N., Larsen, C., Ambruzs, et al
  2026; 11 (11): 107035
- **Papillary Endothelial Hyperplasia in Late Post-Radiation or Late Post-Operative Breast Hematomas Mimicking Angiosarcoma.** *Human pathology*
  Xiao, A. Y., Mirchandani, A., Bean, G. R., Karakas, C., Allison, K. H., Troxell, M. L.
  2026: 106280
- **Monoclonal and monotypic immunoglobulin-related kidney diseases in young people: literature review including evolving entities.** *Pediatric nephrology (Berlin, Germany)*
  Troxell, M. L., Kotagiri, P., Cadiz, E., Lee, J. Y., Boyd, S. D., Zaritsky, J. J.
  2026
- **HER2 In Situ Hybridization: Validation and Implementation of Brightfield Assay in a US Academic Pathology Laboratory.** *Applied immunohistochemistry & molecular morphology : AIMM*
  Troxell, M. L., Dussaq, A. M., Solarewicz, J., Salisbury, T., Young, K., Hsu, N., Hammer, P., Karakas, C., Ollila, E., Zhang, X., Lam, M. M., Ernst, K., West, et al
  2026
- **Repurposing HER2 IHC: Pan-HER2 and Low-HER2.** *Applied immunohistochemistry & molecular morphology : AIMM*
  Troxell, M. L.
  2026
- **TRPS1 Expression Across the Spectrum of Paget Disease and Morphologic Mimics.** *Applied immunohistochemistry & molecular morphology : AIMM*
  Rutland, C. D., Wang, A., Zdravkovic, S., Wieland, R., Brown, R. A., Baker, G. M., Troxell, M. L., Krings, G., Bean, G. R.
  2026
- **Immunohistochemistry New Instrument Validations: Why Your Validation Plan Matters.** *Applied immunohistochemistry & molecular morphology : AIMM*
  Fernandez-Pol, S., Young, K., Mangonon, I., Gomulia, E., Natkunam, Y., Troxell, M. L.
  2026
- **The Suitability of Repurposed, Legacy HER2 Immunohistochemistry Assays for the Detection of HER2 Low and Ultralow Expression: Current Limitations and Potential Considerations.** *Applied immunohistochemistry & molecular morphology : AIMM*
  Yaziji, H., Hornick, J. L., Troxell, M. L.
  2026; 34 (1): 1-4
- **Rifampin-induced Acute Kidney Injury Is Associated With Hemolysis and Drug Re-exposure** *KIDNEY MEDICINE*
  Wali, J. A., Jamal, Y. A., Al-Kawaaz, M., Rodwell, G., Troxell, M. L.
  2026; 8 (1)
- **Genetic and immunohistochemical studies identify recurrent ACTB mutations and PTEN alterations in tubular adenomas of the breast.** *Histopathology*
  Ingyin, H., Solomon, J. P., Li, Y., Xu, D., Racchumi, J., Wang, A., Allard, G., Gao, G., Ma, Z., Lin, C. Y., Chen, Y. Y., Krings, G., Troxell, et al

2025

- **Paradoxical cadherin-catenin immunostaining in a case of invasive mammary carcinoma with ductal and lobular differentiation: A molecular correlation** *HUMAN PATHOLOGY REPORTS*
  Tabibi, S., Troxell, M. L., Suarez, C. J.
  2025; 41
- **Update in lobular breast lesions: Pathological diagnosis in the molecular era.** *Human pathology*
  Bai, L., Troxell, M. L.
  2025: 105857
- **Classification of Invasive Lobular Carcinoma.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
  Troxell, M. L., Allison, K. H., Ernst, K., Lam, M. M., Bean, G. R.
  2025; 38 (6): 100758
- **Duration and effect of neoadjuvant endocrine therapy on invasive tumor cellularity in hormone receptor-positive breast cancer.** *Breast cancer research and treatment*
  Beck, A. S., Earley, M., Troxell, M., Tsai, J., Telli, M. L., Wapnir, I. L.
  2025
- **DCIS-like invasive carcinoma of the breast with tumour-associated microvasculature mimicking myoepithelium: a diagnostic pitfall.** *Histopathology*
  Salisbury, T., Rendi, M., Bhalli, R., Bean, G. R., Allison, K. H., Troxell, M. L.
  2025
- **The Histopathologic Features of Early COVID Pneumonia in a Pediatric Patient: New Insight into the Role of Macrophages.** *International journal of surgical pathology*
  Bulterys, P. L., Xu, G., Pinsky, B. A., Troxell, M. L., Menke, J. R., Berry, G. J., Fernandez-Pol, S., Hazard, F. K.
  2024; 32 (8): 1595-1601
- **Antibrush Border Antibody Disease: A Case Series** *KIDNEY MEDICINE*
  Pengshung, M., Charu, V., Troxell, M. L., Akilesh, S., Smith, K. D., Jefferson, J.
  2024; 6 (7)
- **Infection-Related Glomerulonephritis with Cutaneous Vasculitis.** *Clinical journal of the American Society of Nephrology : CJASN*
  Gedallovich, J., Mohty, R. M., Kasimova, K., Lu, Z., Charu, V., Higgins Jp, J. P., Kambham, N., Kung, V. L., Troxell, M. L.
  2024
- **Characteristics and Outcomes of NELL1 Membranous Nephropathy in Lipoic Acid Users and Nonusers.** *Kidney international reports*
  Avasare, R. S., Clark, S., Spain, R. I., Wusirika, R., Rope, R., Gurley, S., Stanaway, M., Sekulic, M., Santoriello, D., Bomback, A. S., Canetta, P., Iyer, S. J., Kung, et al
  2024; 9 (5): 1379-1386
- **The Histopathologic Features of Early COVID Pneumonia in a Pediatric Patient: New Insight into the Role of Macrophages** *INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY*
  Bulterys, P. L., Xu, G., Pinsky, B. A., Troxell, M. L., Menke, J. R., Berry, G. J., Fernandez-Pol, S., Hazard, F. K.
  2024
- **Principles of Analytic Validation of Immunohistochemical Assays: Guideline Update.** *Archives of pathology & laboratory medicine*
  Goldsmith, J. D., Troxell, M. L., Roy-Chowdhuri, S., Colasacco, C. F., Edgerton, M. E., Fitzgibbons, P. L., Fulton, R., Haas, T., Kandalaft, P. L., Kalicanin, T., Lacchetti, C., Loykasek, P., Thomas, et al
  2024
- **AA amyloidosis With Ig-Dominant Staining and Diagnostically Unusual Features.** *Kidney international reports*
  Andeen, N. K., DiFranza, L., Kung, V. L., Henriksen, K., Gupta, R., Dinesh, K., Akilesh, S., Kudose, S., Smith, K. D., Troxell, M. L.
  2024; 9 (1): 162-170
- **Non-full house membranous lupus nephritis represents a clinically distinct subset.** *Kidney360*
  Ye, J., Croom, N., Troxell, M. L., Kambham, N., Zuckerman, J. E., Andeen, N., Dall'Era, M., Hsu, R., Walavalkar, V., Laszik, Z. G., Urisman, A.
  2023

- **Thrombotic Microangiopathic Changes in Kidney Biopsies of Childhood-Onset Systemic Lupus Erythematous Patients with and Without Severe Hematologic Disturbances**
  Tsin, C., Troxell, M., Charu, V., Lu, R., Hsu, J.
  WILEY.2023: 27-28

- **Comprehensive Immunohistochemical Analysis of Metaplastic Breast Carcinoma Subtypes**
  Krings, G., Bean, G., Schwartz, C., Shamir, E., Gao, G., Troxell, M., Chen, Y.
  ELSEVIER SCIENCE INC.2023: S159-S160

- **Genetic and Immunohistochemical Characterization of Mammary Hidradenoma and Comparison to Mucoepidermoid Carcinoma**
  Black, M., Najjar, S., Wang, A., Troxell, M., Vohra, P., Gasper, C., Krings, G., Chen, Y., Bean, G.
  ELSEVIER SCIENCE INC.2023: S103-S104

- **Digital Image Analysis and Quantitative Bead Standards in Root Cause Analysis of Immunohistochemical Staining Variability: A Real-world Example.** *Applied immunohistochemistry & molecular morphology : AIMM*
  Rojansky, R., Sompuram, S. R., Gomulia, E., Natkunam, Y., Troxell, M. L., Fernandez-Pol, S.
  2022

- **Clinicopathologic features of non-lupus membranous nephropathy in a pediatric population.** *Pediatric nephrology (Berlin, Germany)*
  Miller, P., Lei, L., Charu, V., Higgins, J., Troxell, M., Kambham, N.
  2022

- **A Diverse Spectrum of Immune Complex-and Complement-Mediated Kidney Diseases Is Associated With Mantle Cell Lymphoma.** *Kidney international reports*
  Andeen, N. K., Abdulameer, S., Charu, V., Zuckerman, J. E., Troxell, M., Kambham, N., Alpers, C. E., Najafian, B., Nicosia, R. F., Smith, K. D., Kung, V. L., Avasare, R. S., Vallurupalli, et al
  2022; 7 (3): 568-579

- **Neoadjuvant Therapy in Breast Cancer: Histologic Changes and Clinical Implications.** *Surgical pathology clinics*
  Troxell, M. L., Gupta, T.
  2022; 15 (1): 57-75

- **Pathology findings in pediatric patients with COVID-19 and kidney dysfunction.** *Pediatric nephrology (Berlin, Germany)*
  Nomura, E., Finn, L. S., Bauer, A., Rozansky, D., Iragorri, S., Jenkins, R., Al-Uzri, A., Richardson, K., Wright, M., Kung, V. L., Troxell, M. L., Andeen, N. K.
  2022

- **Immune imprinting, breadth of variant recognition, and germinal center response in human SARS-CoV-2 infection and vaccination.** *Cell*
  Röltgen, K., Nielsen, S. C., Silva, O., Younes, S. F., Zaslavsky, M., Costales, C., Yang, F., Wirz, O. F., Solis, D., Hoh, R. A., Wang, A., Arunachalam, P. S., Colburg, et al
  2022

- **Nodular fasciitis of the breast: clinicopathologic and molecular characterization with identification of novel USP6 fusion partners.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
  Cloutier, J. M., Kunder, C. A., Charville, G. W., Hosfield, E. M., García, J. J., Brown, R. A., Troxell, M. L., Allison, K. H., Bean, G. R.
  2021

- **One Hundred Years of the Pathology Medical Student Fellowship.** *Archives of pathology & laboratory medicine*
  Hammer, P., Ireland, K., Houghton, D. C., Jaggers, A., Coleman, A., Snir, O. L., Troxell, M. L., Andeen, N. K.
  2021

- **Histologic Case Definition of an Atypical Glomerular Immune-Complex Deposition Following Kidney Transplantation.** *Kidney international reports*
  Chin, K., Charu, V., O'Shaughnessy, M. M., Troxell, M. L., Cheng, X. S.
  2020; 5 (5): 632–42

- **Myelin bodies in LMX1B-associated nephropathy: potential for misdiagnosis.** *Pediatric nephrology (Berlin, Germany)*
  Lei, L., Oh, G., Sutherland, S., Abra, G., Higgins, J., Sibley, R., Troxell, M., Kambham, N.
  2020

- **Primary mammary angiosarcomas harbor frequent mutations in KDR and PIK3CA and show evidence of distinct pathogenesis.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
  Beca, F., Krings, G., Chen, Y., Hosfield, E. M., Vohra, P., Sibley, R. K., Troxell, M. L., West, R. B., Allison, K. H., Bean, G. R.
  2020

- **Progression of Proliferative Glomerulonephritis with Monoclonal IgG Deposits in Pediatric Patients**
  Miller, P., Xiao, A., Kung, V., Sibley, R., Higgins, J., Kambham, N., Charu, V., Lenihan, C., Talley, E., Walavalkar, V., Laszik, G., Arora, N., Nast, et al
  NATURE PUBLISHING GROUP.2020: 1589–90

- **Optimization and Cost Savings with Reduction of Negative Immunohistochemical Reagent Controls**
  Scapa, J., Troxell, M., Fernandez-Pol, S., Natkunam, Y.
  NATURE PUBLISHING GROUP.2020: 1899

- **Molecular Characterization of Metanephric Adenomas Beyond BRAF: Genetic Evidence for Potential Malignant Evolution.** *Histopathology*
  Chan, E., Stohr, B. A., Croom, N. A., Cho, S., Garg, K., Troxell, M. L., Higgins, J. P., Bean, G. R.
  2020

- **HER2 Dual In Situ Hybridization: Correlations and Cautions.** *Archives of pathology & laboratory medicine*
  Troxell, M. n., Sibley, R. K., West, R. B., Bean, G. R., Allison, K. H.
  2020

- **A co-formulation of supramolecularly stabilized insulin and pramlintide enhances mealtime glucagon suppression in diabetic pigs.** *Nature biomedical engineering*
  Maikawa, C. L., Smith, A. A., Zou, L. n., Roth, G. A., Gale, E. C., Stapleton, L. M., Baker, S. W., Mann, J. L., Yu, A. C., Correa, S. n., Grosskopf, A. K., Liong, C. S., Meis, et al
  2020

- **Membranous nephropathy in patients with HIV: a report of 11 cases.** *BMC nephrology*
  Charu, V. n., Andeen, N. n., Walavalkar, V. n., Lapasia, J. n., Kim, J. Y., Lin, A. n., Sibley, R. n., Higgins, J. n., Troxell, M. n., Kambham, N. n.
  2020; 21 (1): 401

- **Progression of proliferative glomerulonephritis with monoclonal IgG deposits in pediatric patients.** *Pediatric nephrology (Berlin, Germany)*
  Miller, P. n., Xiao, A. Y., Kung, V. L., Sibley, R. K., Higgins, J. P., Kambham, N. n., Charu, V. n., Lenihan, C. n., Uber, A. M., Talley, E. M., Arora, N. n., Walavalkar, V. n., Laszik, et al
  2020

- **Multicenter Clinicopathologic Correlation of Kidney Biopsies Performed in COVID-19 Patients Presenting With Acute Kidney Injury or Proteinuria.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  Akilesh, S. n., Nast, C. C., Yamashita, M. n., Henriksen, K. n., Charu, V. n., Troxell, M. L., Kambham, N. n., Bracamonte, E. n., Houghton, D. n., Ahmed, N. I., Chong, C. C., Thajudeen, B. n., Rehman, et al
  2020

- **Fibrillary Glomerulonephritis: Clinicopathologic Features and Atypical Cases from a Multi-Institutional Cohort** *CLINICAL JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
  Andeen, N. K., Troxell, M. L., Riazy, M., Avasare, R. S., Lapasia, J., Jefferson, J., Akilesh, S., Najafian, B., Nicosia, R. F., Alpers, C. E., Smith, K. D.
  2019; 14 (12): 1741–50

- **A review of non-immune mediated kidney disease in systemic lupus erythematosus: A hypothetical model of putative risk factors.** *Seminars in arthritis and rheumatism*
  Falasinnu, T., O'Shaughnessy, M. M., Troxell, M. L., Charu, V., Weisman, M. H., Simard, J. F.
  2019

- **Rosai-Dorfman Disease of the Breast With Variable IgG4+ Plasma Cells: A Diagnostic Mimicker of Other Malignant and Reactive Entities.** *The American journal of surgical pathology*
  Hoffmann, J. C., Lin, C., Bhattacharyya, S., Weinberg, O. K., Chisholm, K. M., Bayerl, M., Cascio, M., Venkataraman, G., Allison, K., Troxell, M., Chang, C., Bagg, A., George, et al
  2019

- **Ultrasound Assessment of Acute Kidney Injury** *ULTRASOUND QUARTERLY*
  Kelahan, L. C., Desser, T. S., Troxell, M. L., Kamaya, A.
  2019; 35 (2): 173–80

- **Collapsing glomerulopathy in older adults** *MODERN PATHOLOGY*
  Kukull, B., Avasare, R. S., Smith, K. D., Houghton, D. C., Troxell, M. L., Andeen, N. K.
  2019; 32 (4): 532–38
- **Predictive Markers Require Thorough Analytic Validation.** *Archives of pathology & laboratory medicine*
  Troxell, M. L., Fulton, R. S., Swanson, P. E., Bellizzi, A. M., Fitzgibbons, P. L., Ambaye, A. B., Haas, T. S., Goldsmith, J. D., Loykasek, P. A., Miller, D. V., O'Malley, D. n., Qiu, J. n., Salama, et al
  2019; 143 (8): 907–9
- **Genomic landscape of ductal carcinoma in situ and association with progression.** *Breast cancer research and treatment*
  Lin, C. Y., Vennam, S. n., Purington, N. n., Lin, E. n., Varma, S. n., Han, S. n., Desa, M. n., Seto, T. n., Wang, N. J., Stehr, H. n., Troxell, M. L., Kurian, A. W., West, et al
  2019
- **Bladder cancer and its mimics: a sonographic pictorial review with CT/MR and histologic correlation.** *Abdominal radiology (New York)*
  Wentland, A. L., Desser, T. S., Troxell, M. L., Kamaya, A. n.
  2019
- **Kidney Biopsy Adequacy A Metric-based Study** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
  Ferrer, G., Andeen, N. K., Lockridge, J., Norman, D., Foster, B. R., Houghton, D. C., Troxell, M. L.
  2019; 43 (1): 84–92
- **Methotrexate in the Treatment of Idiopathic Granulomatous Mastitis.** *The Journal of rheumatology*
  Postolova, A. n., Troxell, M. L., Wapnir, I. L., Genovese, M. C.
  2019
- **A Case Report of Pediatric Clear Cell Carcinoma of the Urinary Bladder Associated With Polyomavirus** *AJSP-REVIEWS AND REPORTS*
  Saleem, A., Brown, R. A., Higgins, J. P. T., Troxell, M. L., Kunder, C. A., Pinsky, B. A., Zambrano, E., Kao, C.
  2018; 23 (6): 291–95
- **IgA-dominant glomerulonephritis with a membranoproliferative pattern of injury.** *Human pathology*
  Andeen, N. K., Jefferson, J. A., Akilesh, S., Alpers, C. E., Bissonnette, M. L., Finn, L. S., Higgins, J., Houghton, D. C., Kambham, N., Magil, A., Najafian, B., Nicosia, R. F., Troxell, et al
  2018; 81: 272–80
- **Thrombotic microangiopathy with intraglomerular IgM pseudothrombi in Waldenstrom macroglobulinemia and IgM monoclonal gammopathy.** *Journal of nephrology*
  Tan, S. Y., Sibley, R. K., Belani, S., Iwasaki, S., Yankulin, L., Jonelis, T., Higgins, J. P., Kambham, N., Troxell, M. L.
  2018
- **Collapsing glomerulopathy in older adults.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
  Kukull, B., Avasare, R. S., Smith, K. D., Houghton, D. C., Troxell, M. L., Andeen, N. K.
  2018
- **"Atrophic Kidney"-like Lesion: Clinicopathologic Series of 8 Cases Supporting a Benign Entity Distinct From Thyroid-like Follicular Carcinoma.** *The American journal of surgical pathology*
  Herlitz, L., Hes, O., Michal, M., Tretiakova, M., Reyes-Mugica, M., Nguyen, J. K., Troxell, M. L., Przybycin, C. G., Magi-Galluzzi, C., McKenney, J. K.
  2018
- **Ultrasound Assessment of Acute Kidney Injury.** *Ultrasound quarterly*
  Kelahan, L. C., Desser, T. S., Troxell, M. L., Kamaya, A. n.
  2018
- **Comparison of Estrogen and Progesterone Receptor Antibody Reagents Using Proficiency Testing Data** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*
  Troxell, M. L., Long, T., Hornick, J. L., Ambaye, A. B., Jensen, K. C.
  2017; 141 (10): 1402–12
- **Merkel cell carcinoma, melanoma, metastatic mimics of breast cancer** *SEMINARS IN DIAGNOSTIC PATHOLOGY*
  Troxell, M. L.

2017; 34 (5): 479–95

- **TdT-positive Infiltrate in Inflamed Pediatric Kidney: A Potential Diagnostic Pitfall.** *American journal of surgical pathology*
  Dunlap, J. B., Cascio, M. J., Stacey, X., Click, S., Troxell, M. L.
  2017
- **'Non-classical' HER2 FISH results in breast cancer: a multi-institutional study** *MODERN PATHOLOGY*
  Ballard, M., Jalikis, F., Krings, G., Schmidt, R. A., Chen, Y., Rendi, M. H., Dintzis, S. M., Jensen, K. C., West, R. B., Sibley, R. K., Troxell, M. L., Allison, K. H.
  2017; 30 (2): 227-235
- **HER2 Testing and Clinical Decision Making in Gastroesophageal Adenocarcinoma Guideline From the College of American Pathologists, American Society for Clinical Pathology, and American Society of Clinical Oncology** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*
  Bartley, A. N., Washington, M. K., Ventura, C. B., Ismaila, N., Colasacco, C., Benson, A. B., Carrato, A., Gulley, M. L., Jain, D., Kakar, S., Mackay, H. J., Streutker, C., Tang, et al
  2016; 140 (12): 1345-1363
- **Renal cell carcinoma in kidney allografts: histologic types, including biphasic papillary carcinoma.** *Human pathology*
  Troxell, M. L., Higgins, J. P.
  2016; 57: 28-36
- **Multiplexed imaging reveals heterogeneity of PI3K/MAPK network signaling in breast lesions of known PIK3CA genotype.** *Breast cancer research and treatment*
  Jacob, T., Gray, J. W., Troxell, M., Vu, T. Q.
  2016; 159 (3): 575-583
- **Practical Applications in Immunohistochemistry Evaluation of Rejection and Infection in Organ Transplantation** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*
  Troxell, M. L., Lanciault, C.
  2016; 140 (9): 910-925
- **Myoepithelial cells in lobular carcinoma in situ: distribution and immunophenotype.** *Human pathology*
  Wang, Y., Jindal, S., Martel, M., Wu, Y., Schedin, P., Troxell, M.
  2016; 55: 126-134
- **Antineoplastic Treatment and Renal Injury: An Update on Renal Pathology Due to Cytotoxic and Targeted Therapies.** *Advances in anatomic pathology*
  Troxell, M. L., Higgins, J. P., Kambham, N.
  2016; 23 (5): 310-329
- **Allograft pancreas: pale acinar nodules** *HUMAN PATHOLOGY*
  Troxell, M. L., Drachenberg, C.
  2016; 54: 127-133
- **Renal pathology in hematopoietic cell transplant recipients: a contemporary biopsy, nephrectomy, and autopsy series** *MODERN PATHOLOGY*
  Brinkerhoff, B. T., Houghton, D. C., Troxell, M. L.
  2016; 29 (6): 637-652
- **Cystic Neutrophilic Granulomatous Mastitis Association With Gram-Positive Bacilli and Corynebacterium** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
  Troxell, M. L., Gordon, N. T., Doggett, J. S., Ballard, M., Vetto, J. T., Pommier, R. F., Naik, A. M.
  2016; 145 (5): 635-645
- **Atypical anti-glomerular basement membrane disease.** *Clinical kidney journal*
  Troxell, M. L., Houghton, D. C.
  2016; 9 (2): 211-221
- **Polyomavirus large T antigen is prevalent in urothelial carcinoma post-kidney transplant** *HUMAN PATHOLOGY*
  Yan, L., Salama, M. E., Lanciault, C., Matsumura, L., Troxell, M. L.

2016; 48: 122-131

- **Myoepithelial Cell Differentiation Markers in Ductal Carcinoma in Situ Progression** *AMERICAN JOURNAL OF PATHOLOGY*
  Russell, T. D., Jindal, S., Agunbiade, S., Gao, D., Troxell, M., Borges, V. F., Schedin, P.
  2015; 185 (11): 3076-3089
- **The New Equivocal Changes to HER2 FISH Results When Applying the 2013 ASCO/CAP Guidelines** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
  Long, T. H., Lawce, H., Durum, C., Moore, S. R., Olson, S. B., Gatter, K., Troxell, M. L.
  2015; 144 (2): 253-262
- **Glomerular Endothelial Vesicles in a Renal Allograft An Unusual Pattern of Immunoglobulin Deposition in a Patient With Biclonal Gammopathy of Unknown Significance** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
  Flatley, E. M., Segal, G. M., Batiuk, T. D., Bennett, W. M., Houghton, D. C., Troxell, M. L.
  2015; 39 (6): 864-869
- **Novel mutations in neuroendocrine carcinoma of the breast: possible therapeutic targets.** *Applied immunohistochemistry & molecular morphology*
  Ang, D., Ballard, M., Beadling, C., Warrick, A., Schilling, A., O'Gara, R., Pukay, M., Neff, T. L., West, R. B., Corless, C. L., Troxell, M. L.
  2015; 23 (2): 97-103
- **Androgen receptor immunohistochemistry in genitourinary neoplasms** *INTERNATIONAL UROLOGY AND NEPHROLOGY*
  Williams, E. M., Higgins, J. P., Sangoi, A. R., McKenney, J. K., Troxell, M. L.
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