

Stanford



Vivek Charu

Assistant Professor of Pathology

CLINICAL OFFICES

- **Pathology**

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Bio

BIO

I am a physician and a biostatistician. My clinical expertise is in the diagnosis of non-neoplastic kidney and liver disease (including transplantation). My research interests center on the design of observational studies, the analysis of observational data, and causal inference.

CLINICAL FOCUS

- Anatomic Pathology

ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Pathology
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Medical Education: Johns Hopkins University School of Medicine (2017) MD
- PhD, Johns Hopkins University Bloomberg School of Public Health, Biostatistics (2017)
- Residency: Stanford University Pathology Residency (2020) CA

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Halimat Afolabi

Publications

PUBLICATIONS

- **Masking by hypokalemia-primary aldosteronism with undetectable aldosterone.** *Clinical kidney journal*

-
- Boyle, R. A., Baker, J. E., Charu, V., Rainey, W. E., Bhalla, V.
2021; 14 (4): 1269–71
- **Molecular Classification of Endometrial Carcinomas with Long-Term Follow-up**
Hammer, P., Albro, J., Squires, C., Peters-Schulze, G., Sharp, B., Charu, V., Cessna, M., Howitt, B.
SPRINGER NATURE.2021: 691–93
 - **Clinicopathologic Features of Non-Lupus Membranous Nephropathy in the Pediatric Population**
Miller, P., Lei, L., Charu, V., Higgins, J., Sibley, R., Troxell, M., Kambham, N.
SPRINGER NATURE.2021: 1014–15
 - **Clinicopathologic Features of Non-Lupus Membranous Nephropathy in the Pediatric Population**
Miller, P., Lei, L., Charu, V., Higgins, J., Sibley, R., Troxell, M., Kambham, N.
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SPRINGER NATURE.2021: 691–93
 - **Classic Hodgkin lymphoma in Guatemalan children of age less than six years: analysis of immune regulatory pathways and the tumor microenvironment.** *Leukemia & lymphoma*
Silva, O., Charu, V., Ewalt, M. D., Metcalf, R. A., Zhao, S., Castellanos, E. M., Orellana, E., Natkunam, Y., Luna-Fineman, S.
2021: 1–13
 - **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
 - **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
 - **Class II HLA Serotype Associations with End-Stage Renal Disease due to Membranous Nephropathy among Caucasians in the United States**
Charu, V., Tyan, D., Troxell, M., Kambham, N.
NATURE PUBLISHING GROUP.2020: 1569–71
 - **Progression of Proliferative Glomerulonephritis with Monoclonal IgG Deposits in Pediatric Patients**
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Charu, V., Tyan, D., Troxell, M., Kambham, N.
NATURE PUBLISHING GROUP.2020: 1569–71
 - **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
 - **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
 - **A review of non-immune mediated kidney disease in systemic lupus erythematosus: A hypothetical model of putative risk factors.** *Seminars in arthritis and rheumatism*
-

Falasinu, T., O'Shaughnessy, M. M., Troxell, M. L., Charu, V., Weisman, M. H., Simard, J. F.
2019

- **Percutaneous Kidney Biopsy and the Utilization of Blood Transfusion and Renal Angiography Among Hospitalized Adults** *KIDNEY INTERNATIONAL REPORTS*
Charu, V., O'Shaughnessy, M. M., Chertow, G. M., Kambham, N.
2019; 4 (10): 1435–45
- **Long-term Trends and Clinical Outcomes of Inpatient Percutaneous Renal Biopsies in the United States, 2001-2013**
Charu, V., O'Shaughnessy, M., Chertow, G., Kambham, N.
NATURE PUBLISHING GROUP.2019
- **An analysis of mediastinal B cell lymphomas identifies metachronous occurrence of classic Hodgkin lymphoma (CHL), primary mediastinal large B-cell lymphoma (PMBL), and mediastinal gray-zone lymphoma (MGZL)**
Lezama, L., Charu, V., Koo, M., Natkunam, Y.
NATURE PUBLISHING GROUP.2019
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Charu, V., O'Shaughnessy, M., Chertow, G., Kambham, N.
NATURE PUBLISHING GROUP.2019
- **Global mortality associated with seasonal influenza epidemics: New burden estimates and predictors from the GLaMOR Project.** *Journal of global health*
Paget, J. n., Spreeuwenberg, P. n., Charu, V. n., Taylor, R. J., Iuliano, A. D., Bresee, J. n., Simonsen, L. n., Viboud, C. n.
2019; 9 (2): 020421
- **Percutaneous Kidney Biopsy and the Utilization of Blood Transfusion and Renal Angiography Among Hospitalized Adults.** *Kidney international reports*
Charu, V. n., O'Shaughnessy, M. M., Chertow, G. M., Kambham, N. n.
2019; 4 (10): 1435–45
- **Immune checkpoint blockade as a potential therapeutic strategy for undifferentiated malignancies.** *Human pathology*
Devereaux, K. A., Charu, V., Zhao, S., Charville, G. W., Bangs, C. D., van de Rijn, M., Cherry, A. M., Natkunam, Y.
2018; 82: 39–45
- **Immune checkpoint blockade as a potential therapeutic strategy for undifferentiated malignancies** *HUMAN PATHOLOGY*
Devereaux, K. A., Charu, V., Zhao, S., Charville, G. W., Bangs, C. D., van de Rijn, M., Cherry, A. M., Natkunam, Y.
2018; 82: 39–45
- **Programmed death-1 ligands PD-L1 and PD-L2 show distinctive and restricted patterns of expression in lymphoma subtypes** *HUMAN PATHOLOGY*
Panjwani, P. K., Charu, V., DeLisser, M., Molina-Kirsch, H., Natkunam, Y., Zhao, S.
2018; 71: 91–99
- **Evaluating Post-Radiotherapy Laryngeal Function with Laryngeal Videostroboscopy in Early Stage Glottic Cancer.** *Frontiers in oncology*
Marciscano, A. E., Charu, V. n., Starmer, H. M., Best, S. R., Quon, H. n., Hillel, A. T., Akst, L. M., Kiess, A. P.
2017; 7: 124