

Stanford



Saurabh Gombar

Instructor, Pathology

CLINICAL OFFICES

- **Pathology**

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Bio

CLINICAL FOCUS

- Clinical Informatics
- Clinical Pathology

ACADEMIC APPOINTMENTS

- Instructor, Pathology

HONORS AND AWARDS

- Chair, Chief Resident Council, Stanford University (2016-2017)
- Chief Resident, Informatics, Stanford University - Pathology Department (2015-2017)
- Medical Scientist Training Program, NIH (2007-2014)

PROFESSIONAL EDUCATION

- Board Certification: Clinical Pathology, American Board of Pathology (2017)
- Residency: Stanford University Pathology Residency CA
- Medical Education: Albert Einstein College of Medicine Office of the Registrar (2014) NY
- PhD, Albert Einstein College of Medicine , Systems & Computational Biology (2014)
- B.S, University of North Carolina at Chapel Hill , Computer Science and Biology (2005)

Publications

PUBLICATIONS

- **It is time to learn from patients like mine** *NPJ DIGITAL MEDICINE*
Gombar, S., Callahan, A., Califf, R., Harrington, R., Shah, N. H.
2019; 2

- **CARDIOVASCULAR SAFETY OF MEXILETINE AS A THERAPY FOR MYOTONIA IN PATIENTS WITH MYOTONIC DYSTROPHY**
Rhee, J., Gombar, S., Beutner, K., Callahan, A., Jung, K., Wheeler, M.
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- **It is time to learn from patients like mine.** *NPJ digital medicine*
Gombar, S., Callahan, A., Califf, R., Harrington, R., Shah, N. H.
2019; 2: 16
- **Implementation of Whole-Blood Impedance Aggregometry for Heparin-Induced Thrombocytopenia Functional Assay and Case Discussion.** *American journal of clinical pathology*
Jin, J., Baker, S. A., Hall, E. T., Gombar, S., Bao, A., Zehnder, J. L.
2019; 152 (1): 50–58
- **Advancing the Use of the ISBT-128 Coding System in Electronic Health Records to Monitor Blood Transfusion Prevalence in the United States**
Obidi, J., Chada, K., Gruber, J., Dores, G., Storch, E., Williams, A., Banda, J., Gombar, S., Balraj, D., Hayden, R., Hood, D., Falconer, T., Natarajan, et al
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- **Transfusion Trends of Whole Blood and Blood Components in Electronic Health Records and Claims Databases**
Chada, K., Obidi, J., Gruber, J., Dores, G., Storch, E., Williams, A., Banda, J., Gombar, S., Balraj, D., Hayden, R., Hood, D., Falconer, T., Natarajan, et al
WILEY.2018: 91A
- **Big data modeling to predict platelet usage and minimize wastage in a tertiary care system** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Guan, L., Tian, X., Gombar, S., Zemek, A. J., Krishnan, G., Scott, R., Narasimhan, B., Tibshirani, R. J., Pham, T. D.
2017; 114 (43): 11368–73
- **Clostridium difficile PCR Cycle Threshold Predicts Free Toxin** *JOURNAL OF CLINICAL MICROBIOLOGY*
Senchyna, F., Gaur, R. L., Gombar, S., Truong, C. Y., Schroeder, L. F., Banaei, N.
2017; 55 (9): 2651–60
- **Infection Rates.** *Journal of clinical microbiology*
Truong, C. Y., Gombar, S., Wilson, R., Sundararajan, G., Tekic, N., Holubar, M., Shepard, J., Madison, A., Tompkins, L., Shah, N., Deresinski, S., Schroeder, L. F., Banaei, et al
2017
- **Implementation of Automated Calculation of Free and Bioavailable Testosterone in Epic Beaker Laboratory Information System.** *Journal of pathology informatics*
Chung, M. C., Gombar, S., Shi, R. Z.
2017; 8: 28
- **Plasmacytic posttransplant lymphoproliferative disorder with hyperviscosity syndrome in a child after liver transplant.** *Hepatology*
Yang, C. H., Gombar, S., Twist, C. J., Gratzinger, D., Esquivel, C. O., Lau, A. H.
2016
- **MicroRNA transcriptome analysis identifies miR-365 as a novel negative regulator of cell proliferation in Zmpste24-deficient mouse embryonic fibroblasts** *MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS*
Xiong, X., Jung, H. J., Gombar, S., Park, J. Y., Zhang, C., Zheng, H., Ruan, J., Li, J., Kaerberlein, M., Kennedy, B. K., Zhou, Z., Liu, X., Suh, et al
2015; 777: 69-78
- **SMiRK: an Automated Pipeline for miRNA Analysis.** *Source journal of genomics*
Milholland, B., Gombar, S., Suh, Y.
2015; 1 (1)
- **Epigenetics Decouples Mutational from Environmental Robustness. Did It Also Facilitate Multicellularity?** *PLOS COMPUTATIONAL BIOLOGY*
Gombar, S., MacCarthy, T., Bergman, A.
2014; 10 (3)
- **Comprehensive microRNA profiling in B-cells of human centenarians by massively parallel sequencing** *BMC GENOMICS*
Gombar, S., Jung, H. J., Dong, F., Calder, B., Atzmon, G., Barzilai, N., Tian, X., Pothof, J., Hoeijmakers, J. H., Campisi, J., Vijg, J., Suh, Y.
2012; 13

- **A high-throughput, near-saturating screen for type III effector genes from *Pseudomonas syringae*** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

Chang, J. H., Urbach, J. M., Law, T. F., Arnold, L. W., Hu, A., Gombar, S., Grant, S. R., Ausubel, F. M., Dangl, J. L.
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