

## Rohan Joshi

- Affiliate, Dean's Office Operations - Dean Other
- Fellow in Pathology
- Resident in Pathology

### Bio

---

#### CLINICAL FOCUS

- Molecular Genetics
- Clinical Pathology
- Residency

### Publications

---

#### PUBLICATIONS

- **Targeted deep sequencing of cell-free DNA in serous body cavity fluids with malignant, suspicious, and benign cytology.** *Cancer cytopathology*  
Yang, S., Mooney, K. L., Libiran, P., Jones, C. D., Joshi, R., Lau, H. D., Stehr, H., Berry, G. J., Zehnder, J. L., Long, S. R., Kong, C. S., Kunder, C. A.  
2019
- **A Survey of Somatic Mutations in 41 Genes in a Cohort of T-Cell Lymphomas Identifies Frequent Mutations in Genes Involved in Epigenetic Modification** *APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY*  
Fernandez-Pol, S., Ma, L., Joshi, R. P., Arber, D. A.  
2019; 27 (6): 416–22
- **Targeted deep sequencing of cell-free DNA from body cavity fluids with malignant, suspicious, and benign cytology**  
Yang, S., Libiran, P., Jones, C., Joshi, R., Lau, H., Stehr, H., Longacre, T., Allison, K., Zehnder, J., Long, S., Berry, G., Kunder, C.  
NATURE PUBLISHING GROUP.2019
- **Pharma-Oncogenomics in the Era of Personal Genomics: A Quick Guide to Online Resources and Tools.** *Advances in experimental medicine and biology*  
Joshi, R. P., Steiner, D. F., Konnick, E. Q., Suarez, C. J.  
2019; 1168: 103–15
- **Transfusion Management of Conjoined Twins Undergoing Surgical Separation: A Single Center Experience with Three Sets of Thoraco-Omphalopagus Twins over Ten Years**  
Tsang, H., Kuan, C., Boltz, M., Hartman, G., Joshi, R. P., Panigrahi, A., Andrews, J.  
WILEY.2018: 122A–123A
- **The Brief Case: Confirmed Positive HIV-1 Serologic Screening but Undetectable RNA Virus Load in a Pregnant Woman.** *Journal of clinical microbiology*  
Joshi, R. P., Gomez, C. A., Steiner, D., Aziz, N., Pinsky, B. A.  
2017; 55 (12): 3316–20
- **Falsely high sirolimus concentrations due to everolimus cross-reactivity in the Siemens sirolimus immunoassay: Corrective actions implemented.** *Clinica chimica acta; international journal of clinical chemistry*  
Bowen, R., Rieta, R., Joshi, R., Lee, R. C.  
2017
- **Closing the Brief Case: Confirmed Positive HIV-1 Serological Screening but Undetectable RNA Virus Load in a Pregnant Woman.** *Journal of clinical microbiology*  
Joshi, R. P., Gomez, C. A., Steiner, D., Aziz, N., Pinsky, B. A.

2017; 55 (12): 3566–67

- **Multiplexed detection of viral infections using rapid in situ RNA analysis on a chip** *LAB ON A CHIP*  
Shaffer, S. M., Joshi, R. P., Chambers, B. S., Sterken, D., Biaesch, A. G., Gabrieli, D. J., Li, Y., Feemster, K. A., Hensley, S. E., Issadore, D., Raj, A.  
2015; 15 (15): 3170–82
- **Loss of PIKfyve in platelets causes a lysosomal disease leading to inflammation and thrombosis in mice** *NATURE COMMUNICATIONS*  
Min, S. H., Suzuki, A., Stalker, T. J., Zhao, L., Wang, Y., McKennan, C., Riese, M. J., Guzman, J. F., Zhang, S., Lian, L., Joshi, R., Meng, R., Seeholzer, et al  
2014; 5: 4691
- **Diacylglycerol Kinase zeta Limits the Generation of Natural Regulatory T Cells** *SCIENCE SIGNALING*  
Schmidt, A. M., Zou, T., Joshi, R. P., Leichner, T. M., Pimentel, M. A., Sommers, C. L., Kambayashi, T.  
2013; 6 (303): ra101
- **The zeta Isoform of Diacylglycerol Kinase Plays a Predominant Role in Regulatory T Cell Development and TCR-Mediated Ras Signaling** *SCIENCE SIGNALING*  
Joshi, R. P., Schmidt, A. M., Das, J., Pytel, D., Riese, M. J., Lester, M., Diehl, J., Behrens, E. M., Kambayashi, T., Koretzky, G. A.  
2013; 6 (303): ra102
- **Enhanced Effector Responses in Activated CD8(+) T Cells Deficient in Diacylglycerol Kinases** *CANCER RESEARCH*  
Riese, M. J., Wang, L. S., Moon, E. K., Joshi, R. P., Ranganathan, A., June, C. H., Koretzky, G. A., Albelda, S. M.  
2013; 73 (12): 3566–77
- **Diacylglycerol Kinases: Regulated Controllers of T Cell Activation, Function, and Development** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*  
Joshi, R. P., Koretzky, G. A.  
2013; 14 (4): 6649–73
- **AKT1 and AKT2 maintain hematopoietic stem cell function by regulating reactive oxygen species** *BLOOD*  
Juntilla, M. M., Patil, V. D., Calamito, M., Joshi, R. P., Birnbaum, M. J., Koretzky, G. A.  
2010; 115 (20): 4030–38
- **Lytic Granule Loading of CD8(+) T Cells Is Required for HIV-Infected Cell Elimination Associated with Immune Control** *IMMUNITY*  
Migueles, S. A., Osborne, C. M., Royce, C., Compton, A. A., Joshi, R. P., Weeks, K. A., Rood, J. E., Berkley, A. M., Sacha, J. B., Cogliano-Shutta, N. A., Lloyd, M., Roby, G., Kwan, et al  
2008; 29 (6): 1009–21
- **Pretreatment photosensitizer dosimetry reduces variation in tumor response** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Zhou, X. D., Pogue, B. W., Chen, B., Demidenko, E., Joshi, R., Hoopes, J., Hasan, T.  
2006; 64 (4): 1211–20
- **Photosensitizer dosimetry controlled PDT treatment planning reduces inter-individual variability in response to PDT**  
Zhou, X., Pogue, B. W., Chen, B., Demidenko, E., Joshi, R., Hoopes, J., Hasan, T., Kessel, D.  
SPIE-INT SOC OPTICAL ENGINEERING.2006: 157-+