

Rajeswari Jayakumar, MD



Assistant Professor of Pathology
Department of Hematopathology
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Licenses & Certifications

Medical Licenses

Virginia State Medical License

Board Certifications

American Board of Pathology- Hematopathology

American Board of Pathology- Anatomic and Clinical pathology

Education

Post graduate medical training

ACGME Accredited fellowship in Hematopathology

John Hopkins University School of Medicine, Baltimore, Maryland

Chief Resident - Anatomic and Clinical Pathology

SUNY Downstate Medical Center, Brooklyn, New York

Residency in Anatomic and Clinical Pathology

SUNY Downstate Medical Center, Brooklyn, New York

Doctor of Medicine (MD), Laboratory Medicine

All India Institute of Medical Sciences, New Delhi, India

Medical Education

Bachelor Medicine and Bachelor of Surgery (MBBS)
Chengalpattu Medical College, Tamil Nadu, India

Awards

September 2022 ASCP 40 under Forty

April 2020 Pathology young investigator award for excellence in Clinical
Research Johns Hopkins University School of Medicine.

February 2020 USCAP 2020 Pathologist in-training travel award

March 2018 Pathology Resident of the Year
Kings County Hospital/ SUNY Downstate Medical Center

Academic Positions Held

May 2021 – Present Junior representative, Council of Faculty and Academic
Societies at AAMC

Professional Organizations

Society of Hematopathology
American Society of Hematology
American Medical Association
United States and Canadian Academy of Pathology
College of American Pathologists
American Society for Clinical Pathology
Society for Laboratory Physicians of India

Invited Lectures

August 2021	Flow cytometry for Hematopathologist, online course- Ace my Path
February 2021	Flow cytometry in Hematologic neoplasms- SUNY Downstate Medical Center, NY
October 2019	Bunch of Uncommons- Roswell Park Comprehensive Cancer Center, Buffalo, NY

Peer Reviewed Publications

1. Mukhopadhyay T, Shekhar S, Chopra P, Patil P, Jayakumar R, Sehgal T, Meena S, Ningombam A, Shah V, Kumar P, Datta S, Mathur P, Subramanian A, Sinha S, Mukhopadhyay A. Medical postgraduate (MD) program in Laboratory Medicine in India: The Past, Present and Future. *Journal of Family Medicine and Primary Care*: 2022;11(5),1633-1641 doi: 10.4103/jfmipc.jfmipc_1334_21
2. Jayakumar R. Common Targeted Therapies in Acute Leukemia Requiring Modification of Practice in Hematopathology. *J 21st century pathology*; 2021,1(1).
3. Lanjewar S, **Jayakumar R**, Axiotis CA. Loss of Placental P-Glycoprotein May Be a Common Pathophysiologic Pathway for First Trimester Spontaneous Miscarriages. *Pediatric and Developmental Pathology* 2019, 22(5), 456–460.
4. Pereda M, Issac J, Zhang Y, **Jayakumar R**, Gupta, R, Miller S. Massive Splenic Infarction in a Child with Sickle Cell Disease on Chronic Transfusion Therapy- Case Report and Review of Literature, *J Pediatr Hematol Oncol* 2019;41:e79–e82.
5. **Jayakumar R**, Lanjewar S, Axiotis CA. Loss of PTEN and Increased pAKT Expression Distinguishes Aggressive Low Grade Neuroendocrine Tumors. *Ann Clin Lab Sci*. 2018 Sep;48(5):565-572.
6. **Jayakumar R**, Cassai N, Laskar D , Khurram N, LaDoulis C, Wieczorek R, Pincus MR. Can Whole Slide Imaging Replace Conventional Microscopic

Evaluation? A Comparative Study over a Spectrum of Cases. DOI: 10.24983/scitemed.jacp.2018.00060.

7. **Jayakumar R**, Basu PP, Huang T, Axiotis CA. Post Irradiation Leiomyosarcoma of Rectum Presenting as a Polyp: A Case Report and Review of the Literature. *Int J Surg Pathol*. 2016 Apr; 24(2):163-169.
8. Sachan D, **Jayakumar R**, Varghese J, Rela M. An Acute Hemolytic Transfusion Reaction due to Anti-c Rh Antibody: A Case Report emphasizing the role of Blood Bank. *Asian J Transfus Sci*. 2015 Jul-Dec; 9(2): 213–215.
9. **Jayakumar R**, Joshi YK, Singh S Laboratory Evaluation of Three Regimens of Treatment of Chronic Hepatitis B: Tenofovir, Entecavir and Combination of Lamivudine and Adefovir. *J Lab Physicians*. 2012 Jan; 4(1):10-16.
10. Sivagnanam G, Thirumalaikolundu Subramanian P, Namasivayam K, Gitanjali B, Sugirda P , **Rajeswari J**. Study of the Knowledge, Beliefs, and Practice of Sleep among Medical Undergraduates of Tamilnadu, India. *MedGenMed*. 2004; 6(4): 5.

Books and Chapters

1. Coauthor and Editor, *Ace my Path Flow Cytometry Course Cases*
2. Author and editor, *Ace My Path Flow Cytometry*