

Roger Steyer Riley, MD, PhD



Professor of Pathology
Director of the Coagulation Laboratory
Co-Director of Hematology Laboratory
Department of Pathology
Virginia Commonwealth University
Office: (804) 828-0338
roger.riley@vcuhealth.org

Education

- 1971 Frostburg State University, BS, Biology
- 1975 West Virginia University School of Medicine, PhD Biochemistry,
(WVU Foundation Fellow)
- 1978 West Virginia University School of Medicine, MD

Postdoctoral Training

- 1979 - 1982 Residency, Pathology
West Virginia University School of Medicine
- 1978 - 1979 Internship, Pathology
West Virginia University School of Medicine

Licenses & Certifications

- Diplomate, National Board of Medical Examiners, June 1975
- Diplomate, Board of Pathology, Anatomic and Clinical Pathology, American, June 1983; Recertification, December 2013
- Subspecialty Certification in Hematology, American Board of Pathology, August 1998

Selected Awards & Honors

- 2004 Recipient, Saul Kay Award, Department of Pathology, VCU Medical Center, Richmond, VA
- 1998 Faculty Mentor in Instructional Technology, Virginia Commonwealth University
- 1991 Nominee, National Board of Medical Examiners
- 1975 Medical Student Summer Research Fellow, West Virginia University School of Medicine
- 1975-78 Scholar of the New York Life Insurance Company

Grants & Funding

Lenalidomide and azacitidine for adaptive immunotherapy in multiple myeloma: Pilot study of autologous lymphocyte mobilization following immunomodulatory therapy. Principal Investigator - Amir Toor, M.D. Celene. Funded October 2009, \$350,000.

Platelet activity and response to aspirin in stage 5 chronic kidney disease. Principal Investigator - Donald Brophy, M.D., Ph.D. A.D. Williams Foundation. Funded September 2009, \$15,000.

Modernization of the ECU-SOM Research Core Flow Cytometry Laboratory. Principal Investigator - R.S. Riley, M.D., Ph.D., North Carolina Biotechnology Center. Submitted December 2, 1991, Funded April 1, 1992, \$244,981.67.

Editorial Advisory Boards

Journal of Clinical Laboratory Analysis

Journal of Clinical and Laboratory Medicine

Pathology Clinical & Medical Research Journal

Pathology - Anatomic Case Reports Hematology, Blood Transfusion & Disorders

Selected Publications

Peer Reviewed Papers

Riley, R.S., Gandhi, P., Harley, S.E., Garcia, P., Dalton, J.B. and Chesney, A. A synoptic reporting system to monitor bone marrow aspirate and biopsy quality. J. Pathol. Inform. May 25;12:23-28, 2021. PMID: 34447603 , PMCID: PMC8356705, DOI: 10.4103/jpi.jpi_53_20.

Riley, R.S., Khan, A., Pai, S., Warmke, L., Winkler, M., and Gunning, W.T. A case of chronic thrombocytopenia in a 17-year-old female. Lab Medicine 2019;50:406-420. DOI: 10.1093/labmed/lmz013.

Riley, R. S., Gilbert, A. R., Dalton, J. B., Pai, S., McPherson, R. A. Widely used types and clinical applications of D-Dimer assay. Lab. Med. 47(2):90-102, 2016. PMID 27016528.

Books Chapters and Monographs

Riley, R.S., Chow, W., Alamarga, J., and Fuller, C. Digital images. In Walz, C.M., and Doucette, R. (eds): Neurohistology and Imaging: Basic Techniques, Totowa: Humana Press, 2021.

Riley, R.S. Laboratory evaluation of the cellular immune system. In McPherson, R.A. and Pincus, M.R. (eds): Henry's Clinical Diagnosis and Management by Laboratory Methods, 24th Edition, Saunders, 2021;

Riley, R.S., and McPherson, R.A. Basic examination of urine. In McPherson, R.A. and Pincus, M.R. (eds): Henry's Clinical Diagnosis and Management by Laboratory Methods, 24th Edition, Saunders, 2021

McPherson, R.A., **Riley, R.S.**, and Massey, H.D. Laboratory evaluation of immunoglobulin function and humoral immunity. In McPherson, R.A. and Pincus, M.R. (eds): Henry's Clinical Diagnosis and Management by Laboratory Methods, 24th Edition, Saunders, 2021.