

Roger Steyer Riley, MD, PhD



Professor of Pathology
Former Director of the Coagulation
Former Laboratory Co-Director of Hematology
Laboratory Department of Pathology
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Education

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

Postdoctoral Training

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

Licenses & Certifications

June 1975 Diplomate, National Board of Medical Examiners

June 1983 Diplomate, Board of Pathology, Anatomic and Clinical Pathology,
Recertification, December 2013

August 1998 Subspecialty Certification in Hematology, American Board of Pathology

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, Richmond, VA
- 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.