

Davis Massey, DDS, MD, PhD



Associate Professor of Pathology
Department of Pathology
Virginia Commonwealth University 2001 - Present
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Licenses & Certifications

Medical Licenses (Current)

Commonwealth of Virginia

Board Certifications

American Board of Pathology
Anatomic Pathology, 2003

Education

Postgraduate Medical Training

Chief Resident, Medical College of Virginia Hospitals, Virginia Commonwealth University
2000-2001

Resident, Anatomic and Clinical Pathology
Medical College of Virginia Hospitals, Virginia Commonwealth University
1996 – 2001

Medical Education

MD, Medical College of Virginia, School of Medicine, Virginia Commonwealth University 1996

PhD, Medical College of Virginia, Department of Anatomy, Virginia Commonwealth University 1994

DDS, Medical College of Virginia, School of Dentistry, Virginia Commonwealth University 1987

Undergraduate Education

BA, College of William and Mary, Williamsburg, Virginia 1979

Awards

2018 Outstanding Teacher Award for "Best Teacher" M2 Renal Course

2013 Outstanding Teacher Award for "Best Teacher" M2 Renal Course

2012 Outstanding Teacher Award for "Best Teacher" M2 Renal Course

2011 Outstanding Teacher Award for "High Evaluation" M2 Pathogenesis Course

2010 Outstanding Teacher Award for "High Evaluation" M2 Pathogenesis Course

2009 Outstanding Teacher Award for "High Evaluation" M2 Pathology Teaching

2009 Outstanding Teacher Award for "Best Teacher" M2 Pathology Teaching

2008 Saul Kay Faculty Teaching Award, Department of Pathology

2008 Outstanding Teaching Award for "High Evaluation" M2 Pathology Teaching

2008 Outstanding Teaching Award for "High Evaluation" M2 Renal Course

2007 Outstanding Adjunct Faculty Member, Department of Oral Pathology, VCU
School of Dentistry

2007 Outstanding Teaching Award for "High Evaluation" M2 Pathology Teaching

2006 Outstanding Teaching Award for "Best Teacher" M2 Pathology Teaching

Virginia Commonwealth University and Medical Center Appointments

Director of Surgical Pathology (2008 - 2015)

Scientific & Scholarly Activities

Active Grants:

- Co-Investigator: "Novel targeted antibody therapy for lung cancer". Department of Defense. (2017- 2019)
- Phase 2 Study of Pemetrexed and Sorafenib for Treatment of Recurrent or Metastatic Triple Negative Breast Cancer. Protocol MCC-14-10790 IRB No. HM20005967 (2014 - 2019)

Recent Publications

Peer Reviewed Publications

Kumar D, Raynaud M, Chang J, Reeve J, Yakubu I, Kamal L, Levy M, Bhati C, Kimball P, King A, **Massey D**, Halloran P, Gupta G. Impact of Belatacept Conversion on Renal Function, Histology, and Gene Expression in Kidney Transplant Patients With Chronic Active Antibody-mediated Rejection. Transplantation. 2021 Mar 1;105(3):660-667.

Gupta G, Raynaud M, Kumar D, Sanghi P, Chang J, Kimball P, Kang L, Levy M, Sharma A, Bhati CS, Kamal L, Yakubu I, **Massey HD**, Kidd C, King AL, Halloran PF. Impact of belatacept conversion on kidney transplant function, histology, and gene expression - a single-center study. Transpl Int. 2020 Nov;33(11):1458-1471.

Gonzalez A¹, Krieg R², **Massey HD**³, Carl D¹, Ghosh S⁴, Gehr TWB¹, Ghosh SS¹. Sodium butyrate ameliorates insulin resistance and renal failure in CKD rats by modulating intestinal permeability and mucin expression. Nephrol Dial Transplant. 2019 May

Khurana A, Robila V, **Massey HD**, Paul AK. Paraneoplastic Glomerulonephropathy Associated With Renal Cell Carcinoma. J Oncol Pract. 2019 Dec 2

Gonzalez A, Krieg R, **Massey HD**, Carl D, Ghosh S, Gehr TWB, Ghosh SS. Sodium butyrate ameliorates insulin resistance and renal failure in CKD rats by modulating intestinal permeability and mucin expression. Nephrol Dial Transplant. 2018 Aug 6.

Fattah H, Kumar D, George JN, **Massey HD**, King AL, Friedman KD, Gupta G. Successful kidney transplantation in a patient with congenital thrombotic thrombocytopenic purpura (Upshaw-Schulman syndrome). Transfusion. 2017 Sep 20.

Suraj Mishra, BA, Gaurav Gupta, MMoinuddin, MD, Brian Strife, MD, Uma Prasad, MD, D. **Massey, MD**, PhD, Anne King, MD, Dhiren Kumar, MD, and Chandra S. Bhati, MD Prolonged Delayed Renal Graft Function Secondary to Venous Hypertension (Transplantation Direct 2017)

Gupta G, Fattah H, Ayalon R, Kidd J, Gehr T, Quintana LF, Kimball P, Sadruddin S, **Massey HD**, Kumar D, King AL, Beck LH Jr. Pre-transplant phospholipase A2 receptor autoantibody concentration is associated with clinically significant recurrence of membranous nephropathy post-kidney transplantation. Clin Transplant. 2016 Apr;30(4):461-9

Poklepovic A, Gordon S, Shafer DA, Roberts JD, Bose P, Geyer CE Jr, McGuire WP, Tombes MB, Shrader E, Strickler K, Quigley M, Wan W, Kmiecziak M, **Massey HD**, Booth L, Moran RG, Dent P. Phase I study of pemetrexed with sorafenib in advanced solid tumors. Oncotarget. 2016 May 18.

Ghosh SS, Righi S, Krieg R, Kang L, Carl D, Wang J, **Massey HD**, Sica DA, Gehr TW, Ghosh S High Fat High Cholesterol Diet (Western Diet) Aggravates Atherosclerosis, Hyperglycemia and Renal Failure in Nephrectomized LDL Receptor Knockout Mice: Role of Intestine Derived Lipopolysaccharide. PLoS One. 2015 Nov 18;10(11):e0141109.

Jiang D, Dumur CI, **Massey HD**, Ramakrishnan V, Subler MA, Windle JJ Comparison of effects of p53 null and gain-of-function mutations on salivary tumors in MMTV-Hras transgenic mice. PLoS One. 2015 Feb 19;10(2): e0118029

Gupta G, Regmi A, Kumar D, Posner S, Posner MP, Sharma A, Cotterell A, Bhati CS, Kimball P, **Massey HD**, King AL. Safe Conversion From Tacrolimus to Belatacept in High Immunologic Risk Kidney Transplant Recipients With Allograft Dysfunction. *Am J Transplant*. 2015 May 18.

Book Chapters

McPherson R, **H. Davis Massey**. "Overview of the Immune System and Immunologic Disorders", Chapter 43 in Henry's Clinical Diagnosis and Management by Laboratory Methods, 24th edition, McPherson and Pincus, editors; Saunders – Elsevier publishers, 2021.

McPherson R, **H. Davis Massey**. "Overview of the Immune System and Immunologic Disorders", Chapter 43 in Henry's Clinical Diagnosis and Management by Laboratory Methods, 23rd edition, McPherson and Pincus, editors; Saunders – Elsevier publishers, 2017.

McPherson R, **Massey D**. "Overview of the Immune System and Immunologic Disorders", Chapter 43 in Henry's Clinical Diagnosis and Management by Laboratory Methods, 21st edition, McPherson and Pincus, editors; Saunders – Elsevier publishers, 2011

McPherson R, **Massey D**. "Laboratory evaluation of immunoglobulin function and humoral immunity", Chapter 46 in Henry's Clinical Diagnosis and Management by Laboratory Methods, 21st edition, McPherson and Pincus, editors; Saunders – Elsevier publishers, 2011

Massey D, McPherson R. "Mediators of inflammation: Complement, cytokines, and adhesion molecules", Chapter 47 in Henry's Clinical Diagnosis and Management by Laboratory Methods, 21st edition, McPherson and Pincus, editors; Saunders – Elsevier publishers, 2011.

McPherson R, **Massey D**. "Laboratory evaluation of immunoglobulin function and humoral immunity", Chapter 45 in Henry's Clinical Diagnosis and Management by Laboratory Methods, 21st edition, McPherson and Pincus, editors; Saunders – Elsevier publishers, 2007.

Massey D, McPherson R. "Mediators of inflammation: Complement, cytokines, and adhesion molecules", Chapter 46 in Henry's Clinical Diagnosis and Management by Laboratory Methods, 21st edition, McPherson and Pincus, editors; Saunders – Elsevier publishers, 2007.

Massey D, McPherson R. "Human leukocyte antigen: The major histocompatibility complex of man", Chapter 47 in Henry's Clinical Diagnosis and Management by Laboratory Methods, 21st edition, McPherson and Pincus, editors; Saunders – Elsevier publishers, 2007.

Massey, D and McPherson, RA. "Cytokines and Adhesion Molecules", Chapter 21 in Clinical Diagnosis and Management by Laboratory Methods, 20th Edition, John Bernard Henry, M.D., Editor; W.B. Saunders Company, 2001