



## William Muller, MD, PhD

AAPath Senior Fellow Since 2020

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### EDUCATION

**Undergraduate Degree:** AB, Biology Summa cum laude, Harvard College (1971-1975). **Graduate/Professional Degree:** MD/PhD Program: PhD, Cellular Immunology, The Rockefeller University (1975-1981), MD, Cornell University Medical College (1975-1982). **Postgraduate Education:** Internship in Internal Medicine, Massachusetts General Hospital (1982-1983); Residency in Anatomic Pathology, Brigham and Women's Hospital (1983-1987); Research Fellow in Pathology, Brigham and Women's Hospital (1984-1986). **Board Certification:** Anatomic Pathology (1987).

### SERVICE

**Service as Pathology Chair:** Northwestern University Feinberg School of Medicine (2007-2016). **Leadership Roles Before, During, and After Service as Chair:** Medical School/Hospital: Secretary, General Faculty Council, Weill Medical College (2001-2003); Vice Chairman, General Faculty Council, Weill Medical College (2003-2005); Chairman, General Faculty Council, Weill Medical College (2005-2007); Member, Committee of Review for Academic Promotion, Weill Medical College (2002-2007); Program Director, Immunology Training Grant, Graduate School of Medical Sciences Immunology Program (2003-2007); Chairman, Advisory Committee, EM and Optical Imaging Core Facility (2010-2014); Lurie Cancer Center Internal Advisory Committee (2007-2016); Northwestern Medical Faculty Foundation, Board of Directors (2007-2014); Executive Laboratory Management Committee, Northwestern Memorial Hospital (2007-2018). Other Professional Societies, Journals, Peer Review: Editor, *The Journal of Experimental Medicine* (1996-2020); Chairman, CD31 Section, Vllth International Workshop on Leukocyte Differentiation Antigens, Kobe, Japan November 10-14 (1996); Chairman, ASIP Program Committee (2000-2002); Associate Editor, *Cell Communication and Adhesion* (2002-Present); Chairman, NAVBO (North American Vascular Biology Organization) Program Committee for the 2003 Meeting (2002-2003); President-Elect, North American Vascular Biology Organization (NAVBO) (2003-2004); President, NAVBO (2004-2005); Editorial Committee, *Annual Review of Pathology: Mechanisms of Disease* (2005-2009); Charter Member, NIH Study Section on Atherosclerosis and Inflammation in the Cardiovascular System (AICS) (2005-2008); Faculty of 1000 Member of the Leukocyte Development subsection of the Immunology Faculty (2005); Scientific Advisory Board, International Vascular Biology Meeting, Sydney Australia, June 2008 (2007-2008); Scientific Advisory Committee, International Society on Thrombosis and Hemostasis, 2009 Meeting, Boston, MA, July 2009 (2008-2009); Councilor, North American Vascular Biology Organization (2009-2012); FASEB Science Policy Committee representative of ASIP (2009-2015); Editorial Board, *Analytical Cellular Pathology* (2011); International Advisory Board for the 17th International Vascular Biology Meeting, Wiesbaden, Germany, June 2-5, 2012 (2011-2012); Secretary/Treasurer of the North American Vascular Biology Organization (2012- present); Program Committee, 19th International Vascular Biology Meeting, Boston, MA October 30-November 3, 2016 (2014-2016); Chair, ASIP Research and

Science Policy Committee (2016-2020). **Other Academic Positions After Service as Chair:** Co-Organizer, Vascular Biology 2018 (NAVBO Annual Meeting), Vascular Inflammation Workshop (2017-2018); Organizer, Vascular Biology 2020 (NAVBO Annual Meeting), Vascular Inflammation Workshop (2019-2020); Editor Emeritus, *The Journal of Experimental Medicine* (2020); Association of Pathology Chairs (now the Association for Academic Pathology), Senior Fellows Group (2020); International Scientific Advisory Board for the 22nd International Vascular Biology Meeting, Oakland, CA; October 13-17, 2022 (2020-2022); Vice-President, American Society for Investigative Pathology (2020-2021); President Elect, American Society for Investigative Pathology (2021-2022); President, American Society for Investigative Pathology (2022-2023).

## **AREAS OF PROFESSIONAL INTEREST**

**Research:** Basic/Translational Research Areas: At the intersection of IMMUNOLOGY and VASCULAR BIOLOGY, Innate immunity, Leukocyte trafficking, Transendothelial migration at the cellular and molecular level, Cell signaling, Inflammatory diseases, Cardiovascular diseases, Ischemia/Reperfusion injury. **Clinical:** Autopsy pathology. **Current Interests:** Mostly research in my main areas, but I am getting interested and extending my lab into new areas of research such as neuroinflammation and tumor cell metastasis.

## **ACHIEVEMENTS**

**Honors and Awards:** Jacob Wendel Scholarship, Harvard College (1973); Arthur Eugene Sutherland Prize, Harvard College (1975); American Chemical Society (Northeast Section) Research Award (1975); Phi Beta Kappa, Harvard University (1975); Pew Scholarship in the Biomedical Sciences (1988); RJR Nabisco Research Scholars Award (1988); Irvington Institute for Medical Research New Initiatives Award (1990); Established Investigator, American Heart Association (1994-1999); Mentored a Finalist in the Intel Science Talent Search (1998-1999); Teaching Excellence Award, Immunology Program of the Graduate School of Medical Sciences, Weill Medical College (2000-2001); Faculty of 1000 Faculty Member, Leukocyte Development Section (2005); NIH MERIT Award (R-37 HL064774) (2005); Elected to membership in the Henry Kunkel Society (2006); Magerstadt Professor of Pathology, Northwestern University Feinberg School of Medicine 2007-2008 Mentored a Finalist in the Intel Science Talent Search (2007-2017); Elected as a AAAS Fellow (Fellow of the American Association for the Advancement of Science) (2010); Rous-Whipple Award, American Society for Investigative Pathology (2013); Ramzi Cotran Memorial Lecture, Brigham and Women's Hospital, Boston (2014); Karl Landsteiner Lecture, Sanquin Research Center, Amsterdam (2016); Janardan K. Reddy, MD Professor of Pathology, Northwestern University Feinberg School of Medicine (2020); Recognition for Excellence in Teaching Award from the Feinberg Academy of Medical Educators (2020); NIH Outstanding Investigator Award (R35 HL155652) (2021); Elected to the Association of American Physicians (AAP) (2021); Ramzi Cotran Memorial Lecture, Harvard Medical School, Boston (2021). **Professional Achievements of Which You are Most Proud:** Chairman of Pathology at Northwestern; President of ASIP; President of NAVBO; Elected to Association of American Physicians; NIH Outstanding Investigator Award.

## **OUTSIDE INTERESTS**

**Hobbies:** Cardiovascular exercise; Home brewing (beer). **Volunteer Activities:** Citizens Climate Lobby. **Other:** Playing with my grandchildren!