

Michael O. Idowu, MD, MPH



Professor and Chair, Division of Anatomic Pathology
Program Director, Molecular Genetic Pathology
Co-Director, Tissue and Data Acquisition and Analysis
Core (TDAAC)
Department of Pathology
Virginia Commonwealth University
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Licenses & Certifications

Medical Licenses (Current)

Commonwealth of Virginia

Board Certifications

American Board of Pathology (Anatomic and Clinical Pathology)

American Board of Pathology (Molecular Genetics Pathology)

Education

Postgraduate Medical Training

Fellowship - Molecular Genetics Pathology

Department of Pathology

Virginia Commonwealth University Health System

Richmond, Virginia

Fellowship - Cytopathology

Department of Pathology

Virginia Commonwealth University Health System

Richmond, Virginia (2004-2005)

Fellowship - Oncologic/Surgical Pathology

Memorial Sloan Kettering Cancer Center

New York, NY (2005-2006)

Residency

Anatomic and Clinical
Pathology Department of
Pathology
Virginia Commonwealth University Health
System Richmond, Virginia (2000-2004)

Postgraduate Education

MPH, Masters in Public Health
Program University of South Carolina
Columbia, South Carolina 1999-2000

Medical Education

MBBS
University of Ibadan
Nigeria 1988-1995

Awards

Top Doctor (Pathology): 2021 Richmond Magazine Top Docs Publication

Top Doctor (Pathology): 2020 Richmond Magazine Top Docs Publication

Virginia Commonwealth University and Medical Center Appointments

2014 to present	Program director, Molecular Genetics Pathology Fellowship
2016 to present	Director, Tissue and Data Acquisition and Analysis Core (TDAAC)
2013 - 2016	Associate Director, Tissue and Data Acquisition and Analysis Core (TDAAC)
2012 to present	Member, Multidisciplinary Oncology Care Committee, Massey Cancer Center

2011 to present	Director, Anatomic Pathology Quality Management, Department of Pathology, VCUHS
2011 to present	Member, Malpractice Claims Committee, Virginia Commonwealth University Health System
2010 to present	Breast Health Center Leadership Committee, VCUHS
2010 to present	Associate Member, Massey Cancer Center
2008 to present	Member, Breast Cancer Research Interest Group (BCRIG)
2008 to present	Member, Protocol Review and Monitoring Committee (PRMC), Massey Cancer Center
2006 to present	Director, Breast Pathology Service Department of Pathology, VCUHS

Professional Organizations

College of American Pathology, Fellow Member
 American Society of Clinical Pathology, Fellow Member
 United States and Canadian Academy of Pathology
 American Society of Cytopathology
 Virginia Society of Medicine
 American Medical Association (AMA)

Professional Service

PROFESSIONAL (NATIONAL)

- *CPT Editorial Panel*, Medical Association (AMA), (starting May 2022)
- Member, American Medical Association (AMA) Molecular Pathology Advisory Group (MPAG) (June 2021 to present)
- Member, College of American Pathologists, Standards Committee (2020 to present)
- *Pathology Coding Caucus*, College of American Pathology (2016 to present)
- American Medical Association (AMA) *CPT Advisory Committee*,

Primary Advisor for United States and Canadian Academy of Pathology (USCAP) (2016 to 2022)

- Member, College of American Pathologists (CAP), *Economic Affairs Committee* (2016 to present)
- Member, College of American Pathologists (CAP), *CPT/RUC Subcommittee* of the Economic Affairs Committee (2016 to present)
- Member, VCU Health Board of Directors Audit and Compliance Committee (2021 to present)
- Member, *Malpractice Claims Committee*, Virginia Commonwealth University Health System (2011 to present)
- Member, *Breast Health Center Leadership Committee*, VCUHS (2010 to present)

Recent Active Grants

Study Title: A sequential therapeutic strategy of senescence induction and senolytics for elimination of surviving residual breast tumor cells

Role: Co-Investigator

Time Commitment: 5%

Agency: National Cancer Institute/NI R01

Dates: 04/05/2021 – 04/04/2026

Study Title: Targeting Transglutaminase 2 in Cancer Cachexia

Role: Co-Investigator

Time Commitment: 1%

Agency: National Cancer Institute/NI R01

Dates: 07/01/2020 – 06/30/2025

Study Title: Exploring the Contribution of TGIF1 in Pancreatic Cancer Disparities

Role: Co-PI

Agency/Source: VCU through Departmental Value and Efficiency Teaching and Research (VETAR) funds.

Dates: 07/2019-12/2021

Total Funding: \$14,960

Study Title: TRACER (Translational Research Center in Lung Cancer Disparities)

Role: Co-Investigator (Biorepository co-leader)

Time Commitment: 5%

Agency: NIH / P20CA252717 (Winn)

Dates: 09/2021 – 08/2024

Recent Invited Presentations

Short Course (3.5 hours) – College of American Pathologists (CAP) Annual Meeting October 2009, Washington DC: Radiologic Pathologic Correlation of Breast Masses and Calcifications. Faculty: Idowu MO, Cardenosa G, Frable WF

Short Course (3.5 hours) – College of American Pathologists (CAP) Annual Meeting October 2011, Grapevine, Texas: Radiologic Pathologic Correlation of Breast Masses and Calcifications. Faculty: Idowu MO, Kornstein M, de Paredes H

Short Course (3 hours) – American Society for Clinical Pathologists (ASCP) Annual Meeting, November 2011, Las Vegas, Nevada: An Integrated Approach to the Evaluation and Reporting of Breast Biopsy Findings. Faculty: Hoda S, Idowu M, de Paredes E

Short Course (4.0 hours) – American Society for Breast Disease (ASBD), Annual Meeting, April 2012, Dallas, Texas: Radiologic Pathologic Correlation of Breast Masses and Calcifications. Faculty: Idowu MO, Kornstein M, Shah P

Short Course (3 hours) - American Society for Clinical Pathologists (ASCP) Annual Meeting, September 2013 Chicago Illinois: Practical Aspects of Molecular Oncology Testing: New Technologies, Quality Assurance/Control and Regulation. 2013 ASCP Annual Meeting, Chicago. Faculty: Idowu MO, Dumur CI, Ferreira-Gonzalez A

Round Table Discussion (1.0 hours) - American Society for Clinical Pathologists (ASCP) 2015 Annual Meeting, October 28-30, Long Beach, CA. Quality Assurance, Utility and Limitations of Selected Molecular Biomarkers in gastrointestinal Tumors. Faculty: Idowu MO)

Short Course (1.5 hours) - American Society for Clinical Pathologists (ASCP) 2015 Annual Meeting, October 28-30, Long Beach, CA. Basic Molecular Pathology of Cancer and Standard Nomenclature in Genomic Medicine. Faculty: Idowu MO

Short Course (1.5 hours) - American Society for Clinical Pathologists (ASCP) 2016 Annual Meeting, September 14-16, Las Vegas, CA. Pathologist's Role in Molecular Oncology. Faculty: Idowu MO, Chitale, D.

Recent Publications

Published Papers

<https://www.ncbi.nlm.nih.gov/myncbi/1-AGOowic-QQh/bibliography/public/>

Books

Idowu MO, Dumur CI, Garrett CT (Eds): Molecular Oncology Testing for Solid Tumors: A Pragmatic Approach. Springer (ISBN 978-3-319-16303-1; ISBN 978-3-319-16304-8 [eBook])

Idowu MO, Shah PA, Hackney MH, Grimes MM, Geyer CE, Arthur DW, Bear HD (Eds). Diagnosis and Management of Breast Tumors: A Practical Handbook of Multidisciplinary Approach. Springer International Publishing Switzerland 2017 (ISBN 978-3-319-57725-8)

Book Chapters

Idowu MO, Singh JA, Grimes MM. Overview of Pathologic Evaluation of Breast Lesions and Quality Assurance. In Idowu MO, Shah PA, Hackney MH, Grimes MM, Geyer CE, Arthur DW, Bear HD (Eds). Practical Handbook of Multidisciplinary Approach to Diagnosis and Management of Breast Tumors. Springer International Publishing Switzerland 2017 (ISBN 978-3-319-57725-8)

Shah PA, Robila V, **Idowu MO**. Fibroepithelial lesions. In Idowu MO, Shah PA, Hackney MH, Grimes MM, Geyer CE, Arthur DW, Bear HD (Eds). Practical Handbook of Multidisciplinary Approach to Diagnosis and Management of Breast Tumors. Springer International Publishing Switzerland 2017 (ISBN 978-3-319-57725-8)

Shah PA, Robila V, **Idowu MO**. Papillary lesions. In Idowu MO, Shah PA, Hackney MH, Grimes MM, Geyer CE, Arthur DW, Bear HD (Eds). Practical Handbook of Multidisciplinary Approach to Diagnosis and Management of Breast Tumors. Springer International Publishing Switzerland 2017 (ISBN 978-3-319-57725-8)

Vachhani H, Shah PA, Robila V, **Idowu MO**. Invasive carcinomas: Diagnosis and Managements. In Idowu MO, Shah PA, Hackney MH, Grimes MM, Geyer CE,

Arthur DW, Bear HD (Eds). Practical Handbook of Multidisciplinary Approach to Diagnosis and Management of Breast Tumors. Springer International Publishing Switzerland 2017 (ISBN 978-3-319-57725-8)

Idowu MO, Shuji Ogino. Standard Nomenclature – Why bother? In Idowu MO, Dumur CI, Garrett CT (Eds). Molecular Oncology Testing for Solid Tumors: A Pragmatic Approach. Springer International Publishing Switzerland 2015 (ISBN 978-3-319-16303-1; ISBN 978-3-319-16304-8 [eBook])

Dipti Surve, **Idowu MO**. Basic Molecular Tumor Pathology and Targeted Therapies in the Genomic Era. In Idowu MO, Dumur CI, Garrett CT (Eds). Molecular Oncology Testing for Solid Tumors: A Pragmatic Approach. Springer International Publishing Switzerland 2015 (ISBN 978-3-319-16303-1; ISBN 978-3-319-16304-8 [eBook])

Idowu MO. Pathologists' Roles in Molecular Oncology Testing of Solid Tumors. In Idowu MO, Dumur CI, Garrett CT (Eds). Molecular Oncology Testing for Solid Tumors: A Pragmatic Approach. Springer International Publishing Switzerland 2015 (ISBN 978-3-319-16303-1; ISBN 978-3-319-16304-8 [eBook])

Idowu MO. The Complete Pathology report. In Nakhleh RE (Eds). Error reduction and Prevention in Surgical pathology. Springer Science+Business Media, New York 2015 (ISBN 978-1-4939-2339-7)

Horowitz RE, **Idowu MO**, Siegal GP. The Pathology Position. In Wagar EA, Horowitz RE, Siegal GP (Eds). Laboratory Administration for Pathologists. College of American pathologists, 2011. Pg 197-214 (ISBN-13: 978-0983706809)

Idowu MO, Nakhleh RE. Quality Management in Anatomic Pathology. In Wagar EA, Horowitz RE, Siegal GP (Eds). Laboratory Administration for Pathologists. College of American pathologists, 2011. Pg 137-150 (ISBN-13: 978-0983706809)

Berbescu E, **Idowu MO**, Powers CN. Fine Needle Aspiration Cytology: Lung. In Sidawy MK, Ali ZA (Eds). Foundation in Diagnostic Pathology: Fine Needle Aspiration Cytology. Elsevier Inc, 2007. Pg 159-200 (ISBN-13: 978-0443067310)