

# Miguel Rufail, MD, PhD



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## Education

1997 - 2003 MD, Catholic University of Cordoba

2003 - 2007 PhD, Virginia Commonwealth University

2014 - 2018 Anatomic and Clinical Pathology Resident, Thomas Jefferson University Hospital, Department of Pathology

2018 - 2019 Cytopathology Fellow, University of Michigan, Department of Pathology

2019 - 2020 Surgical Pathology Fellow, Penn Medicine-Pennsylvania Hospital, Department of Pathology Surgical Pathology

## Licenses & Certifications

### *Licenses*

Commonwealth of Pennsylvania  
Commonwealth of Virginia

### *Board certifications*

2018 Anatomic Pathology/Clinical Pathology, American Board of Pathology  
2019 Cytopathology, American Board of Pathology

## Selected Awards & Honors

- 2015 National Academy of Clinical Biochemistry (NACB) Distinguished Abstract. American Association of Clinical Chemistry (AACC) 2015 Annual Meeting and Clinical Lab Expo. July 26-30.
- 2008 Georgia World Congress Center. Atlanta, GA.  
Postdoctoral Grant, National Agency for Scientific and Technological Progress (FONCYT). Center of Immunology and Clinical Biochemistry (CIBICI), School of Chemical Sciences, National University of Cordoba.
- 2006 Outstanding Presentation Award, Integrative Cellular and Molecular Signaling (ICAMS) Research Retreat. Medical College of Virginia, Virginia Commonwealth University.
- 2006 Outstanding Graduate Research, 33rd Annual John C. Forbes Research Colloquium. Medical College of Virginia, Virginia Commonwealth University.
- 2006 VCU Graduate School Travel Grant to present at the 7th Annual Conference on Atherosclerosis, Thrombosis and Vascular Biology. Denver, Colorado.

## Professional Service (outside)

2022 - 2024 Jefferson Health, Pathologist, Anatomic Pathology, Clinical Pathology, Cytopathology

2020 - 2022: Penn Medicine Lancaster General Hospital. Pathologist. Anatomic Pathology, Clinical Pathology, Cytopathology

2009 - 2013 Assistant Professor, Department of Pathology, School of Medicine, Catholic University of Cordoba, Argentina

2008 - 2009 Assistant Professor, Center of Immunology and Clinical Biochemistry (CIBICI), School of Chemical Sciences, National University of Cordoba. Cordoba, Argentina

## Recent Invited Presentations

**Rufail ML (Grand Round)** Next-generation sequencing identifies recurrent copy number variations in invasive breast carcinomas from Ghana/Comparison of diagnostic Rates and concordance with subsequent surgical resections between conventional smear and ThinPrep preparations versus ThinPrep only in thyroid fine needle aspiration (T-FNA) Specimens. University of Pittsburgh Medical Center (UPMC). Department of Pathology. Pittsburgh, Pennsylvania, March 31, 2022.

**Rufail ML,** Tondon R, Fogt F, Mannan R. Glycogenic Acanthosis of the Esophagus: Clinical, Endoscopic and Histologic Correlation. United States and Canadian Academy of Pathology (USCAP) 109<sup>th</sup> Annual Meeting Feb 29-March 5. Los Angeles Convention Center. Los Angeles, CA. Modern Pathology 2020; 33 (suppl 2): pages 759-760.

**Rufail ML.** "Basal-like Breast Cancer: Histological and molecular classification and characteristics in women of African origin" Invited Lecturer: University of Louisville, Louisville, KY. January 14, 2020.

**Rufail ML.** "Basal-like Breast Cancer: Histological and molecular classification and characteristics in women of African origin" Guest Speaker: Pathology Special Seminar. University of Alabama, Department of Pathology. Birmingham, Alabama. December 9, 2019.

**Rufail ML,** Anwar T, Newman L, Tomlins S, Kleer CG. High Copy Number and Expression of RECQL4 and SDHC in Breast Tumors of Ghana Patients. United States and Canadian Academy of Pathology (USCAP) 108th Annual Meeting March 16-21. Gaylord National Resort and Convention Center. National Harbor, MD (platform presentation). Modern Pathology 2019; 32 (suppl 2): page 129.

**Rufail ML,** Smola Brian, Jing X, Heider A, Davenport R, Cantley R, Pang JC, Lew M. A Comparison of Diagnostic Rates and Concordance in Different Preparations for Thyroid Fine Needle Aspirations (T-FNA). United States and Canadian Academy of Pathology (USCAP) 108th Annual Meeting March 16-21. Gaylord National Resort and Convention Center. National Harbor, MD. Modern Pathology 2019; 32 (suppl 2): pages 106-107.

## Selected Publications

*Peer Reviewed Papers*

**Rufail ML**, Smola Brian, Jing X, Heider A, Davenport R, Cantley R, Pang JC, Lew M. A comparison of diagnostic rates and concordance with subsequent surgical resections between conventional smear and ThinPrep preparations vs. ThinPrep only in thyroid fine needle aspiration (T-FNA) specimens. Acta Cytol. 2022;66(1):36-45. PMID: 34753139.

Briguglio A, King BE, Pierre CC, Feldman MD, Montone KT, **Rufail ML**, Mothers with Fetal Demise: A Case Series of Placental Pathology Associated with COVID19. Journal of Lancaster General Hospital. 2022.

Anwar T, **Rufail ML (co-first author)**, Djomehri S, Gonzalez M, Lazo de la Vega L, Tomlins S, Newman, Kleer CG. Next Generation Sequencing Identifies Recurrent Copy Number Variations in invasive Breast Carcinomas from Ghana. Modern Pathology. 2020 Mar 9. PubMed PMID: 32152520.

**Rufail ML**, Lew M, Heider A, Jing X, Pang JC, Cantley R. Low grade squamous intraepithelial lesion on Pap test – follow up rates and stratification of risk for high grade squamous intraepithelial lesion. Journal of the American Society of Cytopathology. Jul Aug 2020;9(4):258-265. Epub April 1, 2020. PubMed PMID: 32402830.

Man L, Ofosu A, Spataro J, Zabolotsky A, **Rufail ML**, Jesse Civan. Graft Versus Host Disease, a rare complication after Orthotopic Liver Transplantation. Clinical Case Reports. 2017 Dec 7; 6(1):238-239. PubMed PMID: 29375877.

Alyemni D, Miller AF, Couto P, Athas D, Roberts AL, **Rufail ML**, Andrews DW, Strayer D, Kenyon LC. Histopathologic Identification of Trypanosoma Cruzi (Chagas) Encephalitis in an AIDS Patient. Human Pathology Case Reports. Vol 7, Mar 2017, 23- 26.

### *Book Chapters*

Collaborator in Cell Biology Book: "Bases of Cellular and Molecular Biology" Sambuello RH et al. I.S.B.N. 978-987-1253-86-9. August 2011. SIMA EDITORA. Cordoba, Argentina.