

CURRICULUM VITAE

JOSEPHINE MARIE AMBRUZS, M.D., M.P.H.

PERSONAL DATA

Office Address: Arkana Laboratories
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Little Rock, AR 72211
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EDUCATION

Undergraduate: Monmouth University, West Long Branch, NJ
Degree: B.S., Biology, Summa Cum Laude
Minor, Chemistry
May 1999

Graduate: University of Alabama at Birmingham, Birmingham, AL
Degree: M.P.H., Epidemiology
December 2000

Medical School: Rutgers Robert Wood Johnson Medical School, Piscataway, NJ
M.D., Alpha Omega Alpha Honor Medical Society
May 2007

POSTGRADUATE EDUCATION AND TRAINING

Duke University Hospital
Intern, Internal Medicine
June 2007-June 2008

University of Texas Southwestern Medical Center, Dallas, TX
Resident, Anatomic and Clinical Pathology, July 2008-June 2012
Chief Resident, Department of Pathology, April 2011-March 2012

Arkana Laboratories, Little Rock, AR
Fellow, Nephropathology
July 2012-June 2013

BOARD CERTIFICATION

Anatomic and Clinical Pathology, American Board of Pathology, certified 2012

PROFESSIONAL EXPERIENCE

Nephropathologist:	Arkana Laboratories 10810 Executive Center Drive, Suite 100 Little Rock, AR 72211 July 2013 – Present
Unit Leader	Federal Top Officials 3 (TOPOFF3) Terrorism Response Drill Monmouth County Health Department Lincroft, NJ April 2005
Unit Leader	Strategic National Stockpile Training, Education and Demonstration (TED) Package Preparedness Drill Monmouth County Health Department Oceanport, NJ October 2004
Epidemiologist/ Surveillance and Epidemiology Coordinator (SEC)	Monmouth County Health Department 3435 U.S. 9 Freehold, NJ 07728 February 2001-June 2003

PROFESSIONAL SOCIETY MEMBERSHIPS:

Renal Pathology Society
American Society of Nephrology
United States and Canadian Academy of Pathology
College of American Pathologists
American Society for Clinical Pathology

HONORS AND AWARDS

Pathologist-In-Training Best USCAP Abstract Award, Renal Pathology Society, 2013

University of Texas Southwestern Medical Center Department of Pathology Teaching Award for Excellence as a Small Group Facilitator, 2009-2010

Bruce Fisher Award (given to one or two medical students annually to recognize excellence in academics as well as outstanding humanism and professionalism), Robert Wood Johnson Medical School, 2007

Alpha Omega Alpha Honor Medical Society (awarded in junior year), Robert Wood Johnson Medical School, 2006

Arnold P. Gold Humanism Honor Society (recognizes and honors those students who are felt by their peers to be exemplars of excellence in compassionate care giving and empathy in the context of medical practice), Robert Wood Johnson Medical School, 2006

Summer Research Fellowship, Robert Wood Johnson Medical School, 2004

Lambda Sigma Tau Honor Society, Monmouth University, 1999

Beta Beta Beta National Honor Society, Monmouth University, 1998

Monmouth Medical Center Scholar, Monmouth University, 1996

CRC Freshman Chemistry Achievement Award, Monmouth University, 1996

Phi Eta Sigma Freshman Honor Society, Monmouth University, 1996

COMMITTEE AND EDITORIAL BOARD

CureGN IgA Work Group (NIH-funded), February 2017-present

CureGN Core Scoring Work Group (NIH-funded), 2016-present

Banff Work Group: Thrombotic Microangiopathy, 2016-present

Membership Committee, Renal Pathology Society, 2015

University of Texas Southwestern Medical Center Graduate Medical Education Committee (GME), Resident Representative, 2011-2012

University of Texas Southwestern Medical Center Department of Pathology Resident Education Committee, Resident Representative, 2010-2012

The Southwestern Lab Bulletin, Associate Editor, 2010-2011

University of Texas Southwestern Medical Center Department of Pathology Case of the Week, Junior Co-Editor, 2009-2010

College of American Pathologists Resident Forum, Texas Delegate, 2008-2011

Robert Wood Johnson Medical School American Medical Women's Association/Women's Health Elective, Student Co-Coordinator, 2005-2006

MedAccess-NJ Student Leadership Committee, Rutgers School of Pharmacy Co-Representative, 2003-2004

CONFERENCES AND TEACHING

Renal Biopsy Quarterly Case Conference, Detroit Medical Center/Wayne State University Division of Nephrology, Detroit, MI, 2017-present

Moderator, Drug-Induced Renal Biopsy Pathology Session, American Society of Nephrology Kidney Week 2015, San Diego, CA, November 6, 2015

Renal Biopsy Quarterly Case Conference, Hypertension Nephrology Associates, Detroit, MI, 2014-present.

Renal Biopsy Quarterly Case Conference, Renal Care Associates, Peoria, IL, 2014-present

Renal Biopsy Quarterly Case Conference, Nephrology Associates of Dayton, Dayton, OH, 2014-present

Renal Biopsy Monthly Case Conference, Baptist Health Medical Center, Little Rock, AR, 2012-2014

Renal Biopsy Monthly Case Conference, Arkansas Children's Hospital, Little Rock, AR, 2012-2014.

Medical Sophomore Small Group Pathology Course, University of Texas Southwestern Medical School, 2011-2012

"Alagille Syndrome: Review and Insight into a Complex Multisystem Disorder", Updates in Pathophysiology Conference, University of Texas Southwestern Medical Center Department of Pathology, May 2011

Medical Sophomore Small Group Pathology Course, University of Texas Southwestern Medical School, 2009-2010 [Received Teaching Award for Excellence as a Small Group Facilitator]

“Surveillance and Epidemiology”, Infectious Disease Epidemiology graduate course, Rutgers School of Public Health, April 2003

“Notifiable Diseases and Syndromic Surveillance”, Emergency Departments of Bayshore Community Hospital, CentraState Medical Center, Jersey Shore University Medical Center, Monmouth Medical Center and Riverview Medical Center, 2002-2003

“Weapons of Mass Destruction Training Course: Biological and Chemical Terrorism”, Neptune Township Emergency First Responders Course, November 2002

“Reportable Disease Trends, Monmouth County, 1995-1999”, Monmouth and Ocean County Infectious Disease Control Committee, April 2000.

PUBLICATIONS

Book Chapters

1. **Ambruzs JM.** Sjögren Syndrome. *In:* Colvin RB and Chang A. Diagnostic Pathology: Kidney Diseases, 2nd Edition. Elsevier 2015 (ISBN:9780323377072).
2. **Ambruzs JM.** Sarcoidosis. *In:* Colvin RB and Chang A. Diagnostic Pathology: Kidney Diseases, 2nd Edition. Elsevier 2015 (ISBN:9780323377072).
3. **Ambruzs JM.** Oculocerebrorenal Syndrome of Lowe. *In:* Colvin RB. Diagnostic Pathology: Kidney Diseases, 2nd Edition. Elsevier 2015 (ISBN:9780323377072).

Peer-reviewed Journals

1. Larsen CP, Trivin-Avillach C, Coles P, Collins AB, Merchant M, Ma H, Wilkey DW, **Ambruzs JM**, Messias NC, Cossey LN, Rosales IA, Wooldridge T, Walker PD, Colvin RB, Klein J, Salant DJ, Beck LH Jr. LDL Receptor-Related Protein 2 (Megalin) as a Target Antigen in Human Kidney Anti-Brush Border Antibody Disease. *J Am Soc Nephrol.* 2018 Feb;29(2):644-653.
2. Sugianto JZ, Stewart B, **Ambruzs JM**, Arista A, Park JY, Cope-Yokoyama S, Luu HS. Applying the Principles of Lean Production to Gastrointestinal Biopsy Handling: From the Factory Floor to the Anatomic Pathology Laboratory. *Lab Med.* 2015 Summer;46(3):259-64.

3. Vandergriff T, Nezafati KA, Susa J, Karai L, Sanguinetti A, Hynan LS, **Ambruzs JM**, Oliver DH, Pandya AG. Defining early mycosis fungoides: validation of a diagnostic algorithm proposed by the International Society for Cutaneous Lymphomas. *J Cutan Pathol*. 2015 May;42(5):318-28.
4. Larsen CP, Beggs ML, Saeed M, **Ambruzs JM**, Nicholas Cossey L, Messias NC, Walker PD, Freedman BI. Histopathologic findings associated with APOL1 risk variants in chronic kidney disease. *Mod Pathol*. 2015 Jan;28(1):95-102.
5. Larsen CP, **Ambruzs JM**, Bonsib SM, Boils CL, Nicholas Cossey L, Messias NC, Silva FG, H Wang Y, Gokden N, Walker PD. Membranous-like glomerulopathy with masked IgG kappa deposits. *Kidney Int*. 2014 Jul;86(1):154-61.
6. Larsen CP, Beggs ML, Walker PD, Saeed M, **Ambruzs JM**, Messias NC. Histopathologic effect of APOL1 risk alleles in PLA2R-associated membranous glomerulopathy. *Am J Kidney Dis*. 2014 Jul;64(1):161-3 2014.
7. **Ambruzs JM**, Serrell PB, Rahim N, Larsen CP. Thrombotic microangiopathy and acute kidney injury associated with intravenous abuse of an oral extended-release formulation of oxycodone hydrochloride: kidney biopsy findings and report of 3 cases. *Am J Kidney Dis*. 2014 Jun;63(6):1022-6.
8. **Ambruzs JM**, Walker PD, Larsen CP. The histopathologic spectrum of kidney biopsies in patients with inflammatory bowel disease. *Clin J Am Soc Nephrol*. 2014 Feb;9(2):265-70.

Other Brief Communications

1. **Ambruzs J** and Hashim I. Concepts in Clinical Chemistry: Catecholamines. *The Southwestern Lab Bulletin*. 2009;14(9):1-2.

Published Multimedia

1. **Ambruzs JM**. Melanotic Neuroectodermal Tumor of Infancy. Published on-line: University of Texas Southwestern Medical Center, Department of Pathology, *Case of the Week* (<http://pathcuric1.swmed.edu/Teaching/COW/diagnosis011110.htm>), January 2010.
2. **Ambruzs JM**. A 59-year-old man with a painful parotid mass for six months. Published on-line: University of Texas Southwestern Medical Center, Department of Pathology, *Case of the Week* (<http://pathcuric1.swmed.edu/Teaching/COW/081009cow.htm>), August 2009.

3. **Ambruzs JM.** A 49-year-old woman with HIV and fever. Published on-line: University of Texas Southwestern Medical Center, Department of Pathology, *Case of the Week* (<http://pathcuric1.swmed.edu/Teaching/COW/072009cow.htm>), July 2009.

ABSTRACTS – PLATFORM AND POSTER PRESENTATIONS

1. David T. Selewski, **Josephine M. Ambruzs**, Gerald B. Appel, Andrew S. Bomback, Daniel C. Cattran, Melissa Fava, Brenda W. Gillespie, Margaret Helmuth, Jonathan J. Hogan, Bruce A. Julian, Richard A. Lafayette, Patrick H. Nachman, Cynthia C. Nast, Jan Novak, Michelle M. O’Shaughnessy, Matthew Palmer, Heather N. Reich, Dana Rizk, Bruce M. Robinson, Neil S. Sanghani, Melissa Sexton, John Sperati, Jarcy Zee, Krzysztof Kiryluk. The Cure Glomerulonephropathy (CureGN) IgA Nephropathy and IgA Vasculitis Cohort. Poster Presentation, American Society of Nephrology Kidney Week 2017, New Orleans, LA
2. Lathara ZT, **Ambruzs JM**, Cohen EP. Alloimmune Membranous Nephropathy in Fabry Disease. Poster Presentation, American Society of Nephrology Kidney Week 2015, San Diego, CA
3. Araya CE, **Ambruzs JM**, Montane BS, Mathias RS. Treatment with Eculizumab Reverses Thrombotic Microangiopathy Changes in Atypical Hemolytic Uremic Syndrome. American Society of Nephrology Kidney Week 2014, Philadelphia, PA
4. **Ambruzs JM**, Cossey LN, Lorsbach R, Larsen CP. Kikuchi Disease-Like Interstitial Inflammation in Renal Biopsies Associated with Autoimmune Disease: A Report of Three Cases. Poster Presentation. United States and Canadian Academy of Pathology 2014, San Diego, CA
5. Messias NC, **Ambruzs JM**, Walker PD, Bonsib SM. Multinucleated Giant Cells are a Common Marker for Anti-GBM Disease but not ANCA-related Glomerulonephritis. Poster Presentation, United States and Canadian Academy of Pathology 2014, San Diego, CA
6. **Ambruzs JM**, Larsen CP. Thrombotic Microangiopathy and Acute Renal Failure Associated with Intravenous Abuse of Opana ER: Report of Three Cases. Poster Presentation, American Society of Nephrology Kidney Week 2013, Atlanta, GA
7. Larsen CP, Messias NM, Cossey NC, **Ambruzs JM**, Walker PD. Masked Monoclonal Membranous-Like Glomerulopathy. Poster Presentation, American Society of Nephrology Kidney Week 2013, Atlanta, GA
8. Larsen CP, **Ambruzs JM**, Cossey NC, Messias NC, Walker PD. Histopathologic

Findings Associated with APOL1 Risk Variants in Chronic Kidney Disease. Poster Presentation, American Society of Nephrology Kidney Week 2013, Atlanta, GA

9. Larsen CP, Walker PD, **Ambruzs JM**, Messias NC. APOL1 Risk Variants in PLA2R-Positive Membranous Glomerulopathy. Platform Presentation, American Society of Nephrology Kidney Week 2013, Atlanta, GA
10. **Ambruzs JM**, Walker PD, Larsen CP. Histopathologic Spectrum of Renal Biopsies in Patients with Inflammatory Bowel Disease. Platform Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD
11. **Ambruzs JM**, Bonsib SM, Walker PD, Messias N. Incidental Epithelial Neoplasms Identified in Medical Renal Biopsies. Poster Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD. [Winner of Best Trainee Poster from Renal Pathology Society]
12. **Ambruzs JM**, Larsen CP, Silva FG, Walker PD. Diabetic Nephropathy and Fibrillary Glomerulopathy: An Unusual and Problematic Double Glomerulopathy. Poster Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD
13. Boils CL, **Ambruzs JM**, Cossey LN, Harris AA, Walker PD, Messias N. Atypical Lymphocytic Infiltrates of the Kidney: Benign or Malignant? Poster Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD
14. Walker PD, Cossey LN, **Ambruzs JM**, Silva FS. Diabetic Nephropathy with an Atypical Clinical Course: A Potentially Treatable, Second Disease is Commonly Found on Renal Biopsy. Poster Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD.
15. **Ambruzs J**, Stewart B, Arista A, Park J, Cope-Yokoyama S, Luu HS. From the Factory Floor to the Anatomic Pathology Laboratory: Applying the Principles of Lean Production to Gastrointestinal Biopsy Specimens. Poster Presentation, College of American Pathologists 2012 Annual Meeting, San Diego, CA.
16. Vandergriff TW, Nezafati K, Susa JS, Karai LP, Sanguinetti A, **Ambruzs J**, Oliver DH, Pandya AG. Defining Early Mycosis Fungoides: Validation of an Algorithm Proposed by the ISCL. Poster Presentation, First World Congress of Cutaneous Lymphomas, September 2010, Chicago, IL
17. **Ambruzs JM** and Roth MJ. Utilization of His₆-Tagged Surface Envelope Protein as a Novel Means of Concentrating Moloney Murine Leukemia Virus [M-MuLV] through Nickel-Affinity Purification. Poster Presentation, Rutgers Robert Wood Johnson

Medical School Summer Research Fellowship Poster Session, October 2004,
Piscataway, NJ

REVIEWER FOR MANUSCRIPTS

1. Human Pathology
2. Kidney International
3. Clinical Kidney Journal
4. Nephrology

Revised 3/2018