

CURRICULUM VITAE

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PERSONAL DATA

Office Address: Arkana Laboratories
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EDUCATION

Undergraduate: Oglethorpe University, Atlanta, GA
Biology
August 1998 - June 1999

Degree: University of Georgia, Athens, GA
Nutrition Science
B.S., Magna Cum Laude
May 2002

Medical School: Wayne State University School of Medicine, Detroit, MI
M.D., 06/2007
June 2007

Post-Graduate: UT Southwestern Medical Center, Dallas, TX
Department of Pathology
Resident, Anatomic Pathology
July, 2007 – January 2011

Arkana Laboratories, Little Rock, AR
Fellowship, Nephropathology
February, 2011 – January, 2012

EMPLOYMENT

Pathologist: Arkana Laboratories
10810 Executive Center Drive, Suite 100
Little Rock, AR 72211
January 2012 - present

HONORS AND AWARDS

Selected for CAP Foundation Advanced Training in Renal Pathology Grant, 2010

Pathologist-In-Training Best USCAP Abstract Award, Renal Pathology Society, 2012

PROFESSIONAL ORGANIZATION MEMBERSHIPS

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

BOARD CERTIFICATION

Anatomic Pathology, American Board of Pathology, certified 2011

PUBLICATIONS

1. **Boils, CL**; Mohamed AN. t(16;21)(q24;q22) in Acute Myeloid Leukemia: Case Report and Review of the Literature. *Acta Haematol* 2008; 119: 65-68.
2. Alatoon A; Elsabrouty R; Willis J; **Boils C**; Sarode R; Hashim I; Wang H. Fatal Cerebral Hemorrhage in a Patient with CD19-positive IgM-producing Aggressive Plasma Cell Myeloma, Hyperviscosity Syndrome and Cyroglobulinemia. *Int J Clin Exp Pathol*. 2009; 2(5): 498-507.
3. Larsen CP, Ambruzs JM, Bonsib SM, **Boils CL**, Cossey LN, Messias NC, et al Membranous-like glomerulopathy with masked IgG kappa deposits. *Kidney Int*. 2014;86(1):154-61.
4. **Boils CL**, Nasr SH, Walker PD, Couser WG, Larsen CP. Update on endocarditis associated glomerulonephritis. *Kidney Int*. 2015;87(6):1241-9.
5. Larsen CP, **Boils CL**, Cossey LN, Sharma SG, Walker PD. Clinicopathologic Features of Membranous-Like Glomerulopathy With

- Masked IgG Kappa Deposits. *Kidney International Reports*. 2016;1(4):299-305.
6. Bonsib SM, **Boils C**, Gokden N, Grignon D, Gu X, Higgins JP, et al. Tuberos sclerosis complex: Hamartin and tuberin expression in renal cysts and its discordant expression in renal neoplasms. *Pathology, research and practice*. 2016;212(11):972-9.
 7. Liapis H, **Boils C**, Hennigar R, Silva F. Myoglobin casts in renal biopsies: immunohistochemistry and morphologic spectrum. *Hum Pathol*. 2016;54:25-30.
 8. Shah PB, Cooper JE, Lucia MS, **Boils C**, Larsen CP, Wiseman AC. APOL1 Polymorphisms in a Deceased Donor and Early Presentation of Collapsing Glomerulopathy and Focal Segmental Glomerulosclerosis in Two Recipients. *Am J Transplant*. 2016;16(6):1923-7.
 9. **Boils CL**, Aljadir DN, Cantafio AW. Use of the PD-1 pathway inhibitor nivolumab in a renal transplant patient with malignancy. *Am J Transplant* 2016 Aug;16(8):2496-7.
 10. Dvanajscak Z Walker PD, Cossey LN. Messias NC, **Boils CL**, Kuperman MB, Larsen CP. Hemolysis-Associated Hemoglobin Cast Nephropathy: A Clinicopathologic Analysis of 27 Cases. *Kidney Int*. 2019. 96 (6), 1400-1407. (Cover article)
 11. May RM, Cassol C, Hannoudi A, Larsen CP, **Boils CL**, Velez JCQ, Caza TN, et al., Nephropathology of Coronavirus 2019 Disease (COVID-19): A Multi-Center Retrospective Cohort Study by the COVID-19 Kidney Biopsy Consortium. *J Am Soc Nephrol*. 2021 Aug 3;S0085-2538(21)00734-1
 12. Adam BA, Murakami N, **Boils CL**, Bu L, Mengel, M, et al., Gene Expression Profiling in Kidney Transplants with Immune Checkpoint Inhibitor-Associated Adverse Events. *Clin J Am Soc Nephrol*. 2021 Sep;16(9):1376-1386.

BOOKS AND/OR CHAPTERS

Boils CL. Tuberos Sclerosis Complex. *In: Pediatric Nephropathology & Childhood Kidney Tumors*. Cambridge University Press (Submitted to Editor 2021)

Boils CL and Ferris AB. Endocarditis. *In: Colvin RB and Chang A. Diagnostic Pathology: Kidney Diseases, 3rd Edition. Elsevier 2019 (ISBN: 9780323661089)*

Boils CL. Tuberos Sclerosis Complex. *In: Colvin RB and Chang A. Diagnostic Pathology: Kidney Diseases, 3rd Edition. Elsevier 2019 (ISBN: 9780323661089)*

Boils CL. Filariasis. *In: Colvin RB and Chang A. Diagnostic Pathology: Kidney Diseases, 3rd Edition. Elsevier 2019 (ISBN: 9780323661089)*

Boils, C. Endocarditis-Associated Glomerulonephritis. *In: Satoskar AA and Nadasdy T (Eds.) Bacterial Infections and the Kidney. Springer International Publishing 2017 (ISBN: 978-3-319-52792-5)*

Boils CL. Tuberos Sclerosis Complex. *In: Colvin RB and Chang A. Diagnostic Pathology: Kidney Diseases, 2nd Edition. Elsevier 2015 (ISBN:9780323377072).*

Boils CL. Filariasis. *In: Colvin RB and Chang A. Diagnostic Pathology: Kidney Diseases, 2nd Edition. Elsevier 2015 (ISBN:9780323377072).*

ABSTRACTS—PLATFORM AND POSTER PRESENTATIONS

1. **Boils CL**, Nasr SH, Walker PD, Larsen CP. Infective Endocarditis-Associated Glomerulonephritis: A Report of 37 Cases. Poster Presentation, United States and Canadian Academy of Pathologists 2012 Annual Meeting, Vancouver, Canada. [Winner of Best Pathologist-In-Training Poster from Renal Pathology Society]
2. **Boils CL**, Walker PD, Larsen CP. Renal Biopsy Findings in 500 Patients with Hepatitis C Virus. Poster Presentation, United States and Canadian Academy of Pathologists 2012 Annual Meeting, Vancouver, Canada.
3. Larsen CP, **Boils CL**, Harris A, Silva FG, Walker PD, Messias N. Nephropath, Little Rock, AR; University of Arkansas for Medical Sciences, Little Rock, AR. Comparison of Staining Methods for Scoring Renal Fibrosis. Poster Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD.
4. **Boils CL**, Ambruzs JM, Cossey LN, Harris AA, Walker PD, Messias N. Nephropath, Little Rock, AR. Atypical Lymphocytic Infiltrates of the Kidney: Benign or Malignant? Poster Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD.
5. **Boils C**, Walker PD. Renal Biopsy In Patients 80 And Older: Fruitful Or Futile? Poster Presentation, United States and Canadian Academy of Pathologists 2014 Annual Meeting, San Diego, CA.

6. **Boils C**, Baker P, Edelman M, Gokden N, Grignon D, Gu X, Holanda D, Kats A, Magil A, Martignoni G, Nasr S, Perry D, Phillips C, Zhang P, Bonsib S. Tuberous Sclerosis: The Spectrum of Metanephric Defects, Cystic Kidney Diseases and Neoplasms in 26 Pediatric and Adult Cases. Platform Presentation, United States and Canadian Academy of Pathologists 2014 Annual Meeting, San Diego, CA.
7. Kendall J, **Boils C**, Tuffaha A, Springer J. Fabry's Disease and Crescentic Glomerulonephritis: A Case Report. Poster Presentation, American College of Physicians Internal Medicine Meeting 2015.
8. **Boils C**, Zhang PL, Gokden N, Grignon DJ, Gu X, Nasr S, Phillips C, Bonsib SM. The Distinctive Eosinophilic Cysts of Tuberous Sclerosis Complex Are Derived From Proximal Tubules. Poster Presentation, United States and Canadian Academy of Pathologists 2015 Annual Meeting, Boston, MA.

ABSTRACTS—PLATFORM AND POSTER PRESENTATIONS

Adam B, **Boils CL**, Bu L, Renaudin K, Mengel M. The Molecular Pathology of Immune Checkpoint Inhibitor-Induced Acute Kidney Injury: Overlap between Native and Transplant Phenotypes. Poster Presentation, United States and Canadian Academy of Pathologists 2019 Annual Meeting, National Harbor, MD.

Dvanajscak Z, Larsen C, **Boils CL**, Kuperman M, Cossey LN, Messias NC, Walker PD. Hemolysis-Associated Hemoglobin Cast Nephropathy: a Clinicopathologic Analysis of 26 Cases. Poster Presentation, United States and Canadian Academy of Pathologists 2019 Annual Meeting, National Harbor, MD.

Boils C, Zhang PL, Gokden N, Grignon DJ, Gu X, Nasr S, Phillips C, Bonsib SM. The Distinctive Eosinophilic Cysts of Tuberous Sclerosis Complex Are Derived From Proximal Tubules. Poster Presentation, United States and Canadian Academy of Pathologists 2015 Annual Meeting, Boston, MA.

Kendall J, **Boils C**, Tuffaha A, Springer J. Fabry's Disease and Crescentic Glomerulonephritis: A Case Report. Poster Presentation, American College of Physicians Internal Medicine Meeting 2015.

Boils C, Baker P, Edelman M, Gokden N, Grignon D, Gu X, Holanda D, Kats A, Magil A, Martignoni G, Nasr S, Perry D, Phillips C, Zhang P, Bonsib S. Tuberous Sclerosis: The Spectrum of Metanephric Defects, Cystic Kidney Diseases and Neoplasms in 26 Pediatric and Adult Cases. Platform Presentation, United States and Canadian Academy of Pathologists 2014 Annual Meeting, San Diego, CA.

Boils C, Walker PD. Renal Biopsy In Patients 80 And Older: Fruitful Or Futile? Poster Presentation, United States and Canadian Academy of Pathologists 2014 Annual Meeting, San Diego, CA.

Boils CL, Ambruzs JM, Cossey LN, Harris AA, Walker PD, Messias N. Nephropath, Little Rock, AR. Atypical Lymphocytic Infiltrates of the Kidney: Benign or Malignant? Poster Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD.

Larsen CP, **Boils CL**, Harris A, Silva FG, Walker PD, Messias N. Nephropath, Little Rock, AR; University of Arkansas for Medical Sciences, Little Rock, AR. Comparison of Staining Methods for Scoring Renal Fibrosis. Poster Presentation, United States and Canadian Academy of Pathologists 2013 Annual Meeting, Baltimore, MD.

Boils CL, Walker PD, Larsen CP. Renal Biopsy Findings in 500 Patients with Hepatitis C Virus. Poster Presentation, United States and Canadian Academy of Pathologists 2012 Annual Meeting, Vancouver, Canada.

Boils CL, Nasr SH, Walker PD, Larsen CP. Infective Endocarditis-Associated Glomerulonephritis: A Report of 37 Cases. Poster Presentation, United States and Canadian Academy of Pathologists 2012 Annual Meeting, Vancouver, Canada. [Winner of Best Pathologist-In-Training Poster from Renal Pathology Society]

REVIEWER FOR MANUSCRIPTS

1. American Journal of Transplantation
2. Clinical Journal of the American Society of Nephrology
3. Journal of Clinical Nephrology and Research
4. Clinical Kidney Journal
5. Modern Pathology
6. Infection
7. Kidney International Reports

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