

CIRRICULUM VITAE

REBECCA M. MAY, M.D., Ph.D.
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PERSONAL DATA

Office Address: Arkana Laboratories
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Little Rock, AR 72211
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EDUCATION

University: University of California, Los Angeles
Degree B.S.
2003

Doctorate: University of Pennsylvania
Degree Ph.D., Immunology
2012

Medical School: Perelman School of Medicine, University of Pennsylvania
Degree M.D.
2014

Post-Graduate: Hospital of the University of Pennsylvania
Resident, Pathology & Lab Medicine
Combined Anatomic Pathology and Clinical Pathology Program
July, 2014 - June, 2018

Hospital of the University of Pennsylvania
Fellow, General Surgical Pathology
July, 2018 - June, 2019

Hospital of the University of Pennsylvania
Fellow, Cytopathology
July, 2019 - June, 2020

Arkana Laboratories
Fellowship, Nephropathology
July, 2020 - June, 2021

EMPLOYMENT

Physician Quality Coordinator:

Arkana Laboratories
10810 Executive Center Drive, Ste. 100
Little Rock, AR 72211
January 2022 - Present

Pathologist:

Arkana Laboratories
10810 Executive Center Drive, Ste. 100
Little Rock, AR 72211
July 2021 - Present

ACADEMIC APPOINTMENTS

Hematopathology Restructuring Committee,
November, 2015 – November, 2016

College of American Pathologists Residency Representative,
October, 2015 – June, 2018

Chief Fellow, Surgical Pathology, Hospital of the University of Pennsylvania,
July, 2018 - June, 2019

Medical Legal Committee, Hospital of the University of Pennsylvania,
October, 2018 – June, 2020

HONORS AND AWARDS

Rheumatology Training Grant, National Institutes of Health, 2010-2012

American College of Rheumatology Research and Education Foundation achievement
award, 2011

Travel Award, Society of Natural Immunity, 2012

Adolph J. Creskoff Research Paper Prize, Perelman School of Medicine, University of
Pennsylvania, 2013

Pathologist-in-Training Best Abstract Award, Renal Pathology Society, 2021

MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS

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

BOARD CERTIFICATION

Anatomic and Clinical Pathology, American Board of Pathology, Certified 2018

Cytopathology, American Board of Pathology, Certified 2020

TEACHING EXPERIENCE

Teaching Assistant for Histology Laboratory Course, Perelman School of Medicine at the University of Pennsylvania, 08/2010 – 09/2010

Teaching Assistant for Immunology Undergraduate Course, University of Pennsylvania, 05/2012 – 08/2012

Small Group Instructor for Medical Students in Breast, Cardiovascular, Pulmonary and General Pathology Perelman School of Medicine at the University of Pennsylvania (Seven 2-hour sessions), 2014 – 2017

Tumor Boards and Interdepartmental Conferences, Hospital of the University of Pennsylvania. Gastrointestinal, gynecology, genitourinary, breast, pulmonary, colposcopy, endocrine, 07/2018 – 06/2020

Resident/Medical Student Teaching, Hospital of the University of Pennsylvania
Slide sessions for residents and medical students, 07/2018 – 06/2019

Small Group Instructor for Medical Students in Renal Pathology
Perelman School of Medicine at the University of Pennsylvania (Three 2-hour sessions), 10/2019

Arkana Laboratories Pathology Resident Program, One-on-one didactic and scope time with anatomic pathology residents who visit for a one month cycle. 2021 - current

Arkana Laboratories Renal Pathology Fellowship Program, One-on-one, intensive, didactic and scope time with fellows in renal pathology who participate for a one year cycle. 2021 - current

INTRADEPARTMENTAL LECTURES, HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA

Interesting Case Conferences:

11/2014	Giant Cell Myocarditis
01/2016	Microvillous Inclusion Disease
04/2016	Inflammatory Myofibroblastic Tumor
06/2016	Congenital Syphilis
01/2017	Plaquenil Cardiomyopathy
04/2017	C difficile Enteritis
04/2017	Acute Cardiac Rejection
09/2018	Granulomatous Thyroiditis
09/2019	Polyoma Virus Nephritis

Resident Noon Talks:

11/2014	Artificial Red Blood Cell Replacement – Are we there yet?
12/2015	Occupational Exposures in Anatomic Pathology
11/2017	Vitamin C Interference in Laboratory Testing
02/2018	Hydatidiform Moles and the Necessity of Molecular Genotyping

QA Projects:

06/2016	Aiming for Six Sigma: Quality Improvement in Anatomic Pathology
05/2019	Validation of UroVysion FISH for Pancreatobiliary Brushings
01/2020	Immunohistochemical Staining in Cytology Specimens

CONFERENCES PRESENTED, ARKANA LABORATORIES

Tulane/University Medical Center New Orleans Renal Biopsy Conference, Monthly, 2021-Current

University of Tennessee Health Sciences Center, Department of Rheumatology Teaching Conference, 2 lectures, 2021 and 2022

Henry Ford Renal Biopsy Conference, 2021-Current, twice yearly

RESEARCH

08/2008 – 12/2012	Graduate Student, Laboratory of Gary Koretzky MD PhD and Taku Kambayashi MD PhD Department of Pathology University of Pennsylvania School of Medicine
12/2003 – 05/2006	Biomedical Research Intern Laboratory of Dr. Peter Lipsky NIAMS, National Institutes of Health

PUBLICATIONS

(Maiden name Rebecca Slota)

Peer Reviewed Publications:

1. Caza TN, Cassol CA, Messias N, Hannoudi A, Haun RS, Walker PD, **May RM**, Seipp RM, Betchick EJ, Amin H, Ziadie MS, Maderlie M, Eduwu-Okwuwa J, Vancea I, Seek M, Elashi EB, Shenoy G, Khalillullah S, Flaxenburg JA, Brandt J, Diamond MJ, Frome A, Kim EH, Schlessinger G, Ulozas E, Weatherspoon JL, Hoerschgen ET, Fabian SL, Bae SY, Iqbal B, Chouhan KK, Karam Z, Henry JT, Larsen CP. Glomerular Disease in Temporal Association with SARS-CoV-2 Vaccination: A Series of 29 Cases. 2021. *Kidney360*. 2021 Sept 16;2(11):1770-1780.
2. Choa R, Tohyama J, Wada S, Meng H, Hu J, Okumura M, **May RM**, Robertson TF, Pai RL, Nace A, Hopkins C, Jacobsen EA, Haldar M, FitzGerald GA, Behrens EM, Minn AJ, Seale P, Cotsarelis G, Kim B, Seykora JT, Li M, Arany Z, Kambayashi T. Thymic stromal lymphopoietin induces adipose loss through sebaceous hypersecretion. *Science*. 2021 Jul 30;373(6554):eabd2893.
3. **May RM**, Cassol C, Hannoudi A, Larsen CP, Lerma EV, Haun RS, Braga JR, Hassen SI, Wilson J, VanBeek C, Vankalakunti M, Barnum L, Walker PD, Bourne TD, Messias NC, Ambruzs JM, Boils CL, Sharma SS, Cossey LN, Baxi PV, Palmer M, Zuckerman JE, Walavalkar V, Urisman A, Gallan AJ, Al-Rabadi LF, Rodby R, Luyckx V, Espino G, Santhana-Krishnan S, Alper B, Lam SG, Hannoudi GN, Matthew D, Belz M, Singer G, Kunaparaju S, Price D, Chawla S, Rondla C, Abdalla MA, Britton ML, Paul S, Ranjit U, Bichu P, Williamson SR, Sharma Y, Gaspert A, Grosse P, Meyer I, Vasudev B, El Kassem M, Velez JCQ, Caza TN. A multi-center retrospective cohort study defines the spectrum of kidney pathology in Coronavirus 2019 Disease (COVID-19). *Kidney Int*. 2021 Dec; 100(6):1303-1315.
4. Kitt E, **May RM**, Steenhoff AP. Rash and hepatosplenomegaly in a newborn. 2017. *JMM Case Reports* 4(6): jmmcr.0.005098.
5. Freund F, **May RM**, Yang E, Li H, McCullen M, Zhang B, Lenvik T, Cichocki F, Anderson SK, Kambayashi T. Activating receptor signals drive receptor diversity in developing natural killer cells. 2016. *PLoS Biology* 14(8):e1002526.
6. **May RM**, Okumura M, Hsu CJ, Bassiri H, Yang E, Rak G, Mace EM, Philip NH, Zhang W, Baumgart T, Orange JS, Nichols KE, Kambayashi T. 2013. Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell function. *Blood* 121(16): 3135-46.

7. Lee CH, Melchers M, Wang H, Torrey TA, **Slota R**, Qi CJ, Kim JY, Lugar P, Kong HJ, Farrington L, van der Zouwen B, Zhou JX, Lougaris V, Lipsky PE, Grammer AC, Morse HC 3rd. 2006. Regulation of the germinal center gene program by interferon (IFN) regulatory 8/IFN consensus sequence-binding protein. *J Exp Med* 203(1): 63-72.
8. Grammer AC, **Slota R**, Fischer R, Gur H, Girschick H, Yarboro C, Illei GG, Lipsky PE. 2003. Abnormal germinal center reactions in systemic lupus erythematosus demonstrated by blockade of CD154-CD40 interactions. 2003. *JCI* 112(10): 1506-20.

Editorials, Reviews, Chapters:

1. Zou T, **May RM**, Koretzky GA. 2010. Understanding signal integration through targeted mutations of an adapter protein. *FEBS Lett.* 584(24): 4901-9.

Abstracts:

1. **May RM**, Caza T, Cassol C, Walker, PD, Bourne D, Messias NC, Dvanajscak Z, Sharma S, Cossey LN, Larsen CP. 2021. Unique Clinicopathologic Findings in Adenovirus Nephritis. United States and Canadian Academy of Pathology.
2. **May RM**, Caza T, Hannoudi A, Lerma E, VanBeek C, Vankalakunti M, Cassol C, Walker PD, Bourne D, Messias NC, Ambruzs J, Boils C, Sharma S, Cossey LN, Baxi PV, Palmer M, Zuckerman J, Walavalkar V, Urisman A, Rodby R, Luyckx V, Velez JC, Larsen CP. 2021. Nephropathology of Coronavirus 2019 Disease (COVID-19: A Multi-Center Retrospective Cohort Study by the COVID-19 Kidney Biopsy Consortium. United States and Canadian Academy of Pathology.
3. **May RM**, Patel K, Thomas L, Deshpande C. 2017. Six Sigma as Metric for Quality Improvement in Anatomic Pathology. United States and Canadian Academy of Pathology.

SOCIAL MEDIA/INTERNET

Podcasts

Arkana Advances with Dr. Rebecca May, 2021-Current
Host/Developer/Producer
Bi-monthly podcast series discussing research in nephropathology performed by physicians at Arkana Laboratories
<https://www.arkanalabs.com/blog/?s=&stype=podcast>

Road to Renal with Dr. Rebecca May, 2020-2021

Host/Developer/Producer

Bi-monthly podcast series discussing different aspects of nephropathology and careers of physicians at Arkana Laboratories

<https://www.arkanalabs.com/blog/?s=&stype=podcast>

Live Teaching Sessions

Arkana Live, 3/2021 with Dr. Rebecca May, 2020-2021

Renal pathology teaching session with live stream open to audience response and questions.

Online Educational Content

Renal Pathology Quiz, 2022

Developed board-style renal pathology quiz questions and answers, published on Arkana Laboratory website.