

CURRICULUM VITAE

TIFFANY (TELARICO) CAZA, MD, PhD
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PERSONAL DATA

Office Address: Arkana Laboratories
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EDUCATION

University Degree: SUNY College at Brockport - Brockport, NY,
Bachelor of Science : Biological Sciences , 2006
Minor in Chemistry
Graduated Summa Cum Laude, Honors Program

Medical School Degree: SUNY Upstate Medical University - Syracuse, NY, 2014
M.D. Ph.D. Medicine, Microbiology & Immunology (with distinction)

Post-Graduate: Anatomic and Clinical Pathology Residency, 2018
SUNY Upstate Medical University – Syracuse, NY, USA

Renal Pathology Fellowship, 2018 - 2019
Arkana Laboratories, Little Rock AR
Completion date: 6/30/2019.

EMPLOYMENT

Pathologist: Arkana Laboratories
10810 Executive Center Drive, Suite 100
Little Rock, AR 72211
July 2019 - Present

PROFESSIONAL EXPERIENCE

- 2019-present Staff Pathologist, Arkana Laboratories.
- 2020-2021 Director of Immunology/Serology, Arkana Laboratories.
- 2016-2018 Small Group Instructor, Foundations in Reasoning in Medicine,
Upstate Medical University.
- 2014-2018 Anatomic and Clinical Pathology Resident, Upstate Medical
University.
- 2006-2014 Graduate Research Assistant, Upstate Medical University.
- 2004-2005 Teaching Assistant, SUNY College at Brockport Chemistry Dept.

HONORS AND AWARDS

- Lilliane Striker Young Investigator Award, Renal Pathology Society, 2020.
Arkana Laboratories 'Freedom to Fail' award, 2020.
Nephrology Social Media Collective 'Rookie of the Year', 2019.
AOA Honor Society, 2018.
Beyond the Doctorate Research Day oral presentation – 1st place. SUNY Upstate
Medical University, March 1, 2017.
John Smialek Best Resident Poster Award, National Association of Medical Examiner's
50th Annual Scientific Meeting, 2016
Chancellor's Award of Student Excellence, graduate division, 2014
American College of Rheumatology Research and Education Foundation Medical and
Graduate Student Achievement Award, 2011
American College of Rheumatology Research and Education Foundation Medical
Student Research Fellowship, 2009
Chancellor's Award of Student Excellence, undergraduate division, 2006
Departmental scholar, SUNY College at Brockport, 2006
SUNY College at Brockport technical writing contest, 1st place, 2006.
Presidential scholar in residence scholarship, SUNY College at Brockport, 2002-2006.
New Visions Health Careers program student of the year, 2002.
New York State Board of Regents scholarship, 2002.
North Syracuse Dollars for Scholars Community Volunteer Service scholarship, 2002.
New York's Young Poets contest award winner, 1999.

PROFESSIONAL MEMBERSHIPS

- American Society of Nephrology (ASN)

College of American Pathologists (CAP)
United States and Canadian Society of Pathology (USCAP)
Renal Pathology Society

Alpha Chi Honor Society
Beta Beta Beta Biological Sciences Honor Society
Sigma Xi Honor Society
AOA Honor Society

BOARD CERTIFICATION

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

PUBLICATIONS

1. Nagy G, Ward J, Mosser DD, Koncz A, Gergely P Jr, Stancato C, Qian Y, Fernandez D, Niland B, Grossman CE, **Telarico T**, Banki K, Perl A. Regulation of CD4 expression by HRES-1/Rab 4 controls susceptibility to HIV infection. *J. Biol. Chem* 2006, 281(45): 34574-91.
2. Perl A, Nagy G, Koncz A, Gergely P, Fernandez D, Doherty E, **Telarico T**, Bonilla, E and Phillips, P.E. Molecular mimicry and immunomodulation by the HRES-1 endogenous retrovirus in SLE. *Autoimmunity* 2008, 41 (4): 187-297.
3. Fernandez DR, **Telarico T**, Bonilla E, Li Q, Banerjee S, Middleton FA, Phillips PE, Crow MK, Oess S, Muller-Esterl W, Perl A. Activation of mTOR controls loss of CD3zeta in lupus T cells through HRES-1/Rab4 regulated lysosomal degradation. *J. Immunol* 2009; 182(4): 2063-2070.
4. Hanczko R, Fernandez DR, Doherty E, Qian Y, Vas G, Niland B, **Telarico T**, Garba A, Banerjee S, Middleton FA, Barrett D, Barcza M, Banki K, Landas SK, Perl A. Prevention of hepatocarcinogenesis and increased susceptibility to acetaminophen-induced liver failure in transaldolase-deficient mice by N-acetylcysteine. *J. Clin Invest* 2009, 119:1546-1557.
5. Perl A, Fernandez D, **Telarico T**, Francis L, Phillips PE. (2009) T- and B-cell signaling biomarkers and treatment targets in lupus. *Curr. Opin. Rheumatol.* 2009 Sep; 21 (5): 454-64.
6. Nagy G, Koncz A, **Telarico T**, Fernandez D, Ersek B, Buzas E, Perl A. Central role of nitric oxide in the pathogenesis of rheumatoid arthritis and systemic lupus erythematosus. *Arthritis Res Ther.* 2010; 12 (3): 210.

7. Perl A, Fernandez D, **Telarico T**, Phillips PE. Endogenous retroviral pathogenesis in lupus. *Curr Opin Rheumatol*. 2010 Sep; 22 (5): 483-492.
8. Perl A, Hanczko R, **Telarico T**, Oaks Z, Landas S. Oxidative stress, inflammation and carcinogenesis are controlled through the pentose phosphate pathway by transaldolase. *Trends Mol Med* 2011 Jul 17 (7): 395-403.
9. Lai ZW, Hanczko R, Bonilla E, **Caza TN**, Clair B, Bartos A, Miklossy G, Jimah J, Doherty E, Tily H, Francis L, Garcia R, Dawood M, Yu J, Ramos I, Coman I, Faraone SV, Phillips PE, Perl A. N-acetylcysteine reduces disease activity by blocking mTOR in T cells of lupus patients. *Arthritis Rheum* 2012 May 1.
10. **Caza TN**, Talaber G, Perl A. Metabolic regulation of organelle homeostasis in lupus T cells. *Clin Immunol* 2012 Jul 13;144 (3): 200-213.
11. Perry DJ, Yin Y, **Telarico T**, Baker HV, Dormorov I, Perl A, Morel L. Murine lupus susceptibility locus Sle1c2 mediates CD4+ T cell activation and maps to estrogen-related receptor . *J. Immunol*. 2012 Jul 15; 189 (2): 793-803.
12. Singh N, Birkenbach M, **Caza T**, Perl A, Cohen PL. Tuberos sclerosis and fulminant lupus in a young woman. *J. Clin. Rheumatol*. 2013 Apr; 19 (3): 134-137.
13. Gilkeson GS, Mashmoushi AK, Ruiz P, **Caza TN**, Perl A, Oates JC. Endothelial nitric oxide synthase reduces crescentic and necrotic glomerular lesions reactive oxygen production and MCP1 production in murine lupus nephritis *PLOS ONE* 2013 Jun 7.
14. **Caza TN**, Fernandez DR, Talaber G, Oaks Z, Haas M, Madaio MP, Lai ZW, Miklossy G, Singh RR, Chudakov DM, Malorni W, Middleton F, Banki K, Perl A. HRES-1/Rab4-mediated depletion of Drp1 impairs mitochondrial homeostasis and represents a target for treatment in SLE. *Annals of Rheumatic Diseases* 2013 Jul 29.
15. Mercedes A, **Caza T**, Ahsan CH. Pathophysiologic features of Takotsubo Cardiomyopathy: A review of the literature. *Ibrahim Cardiac Medical Journal* 2013; 3 (1-2): 39-48.
16. **Caza T**, Oaks Z, Perl A. Interplay of infections, autoimmunity, and immunosuppression in Systemic Lupus Erythematosus. *International Reviews in Immunology* 2014 Jul-Aug; 33 (4): 330-363.
17. Christophi G, **Caza TN**, Curtiss C, Gumber D, Massa PT, Landas SK. Gene expression profiles in granuloma tissue reveal novel diagnostic markers in sarcoidosis. *Experimental and Molecular Pathology* 2014 Jun; 96 (3): 393-399.

18. **Caza T**, Landas S. Functional plasticity of CD4+ T cell subsets. *BioMed Research International*, 2015, e-published manuscript #521957.
19. Chehab M, **Caza T**, Skotnicki K, Landas S, Bratslavsky G, Mollapour M, Bourboulia D. Targeting Hsp90 in urothelial carcinoma. *Oncotarget* 2015 Apr; 6 (11): 8454-73.
20. Dunn DM, Woodford MR, Truman AW, Jensen SM, Schulman J, **Caza T**, Remillard TC, Loiselle D, Wolfgeher D, Blagg BS, Franco L, Haystead TA, Daturpalli S, Mayer MP, Trepel JB, Morgan RM, Prodromou C, Kron SJ, Panaretou B, Stetler-Stevenson WG, Landas SK, Neckers L, Bratslavsky G, Bourboulia D, Mollapour M. c-Abl mediated tyrosine phosphorylation of Aha1 activates its co-chaperone function in cancer cells. *Cell Reports* 2015 Aug; 12 (6): 1006-18.
21. Blakely S, **Caza T**, Landas S, Nikolavsky D. Dorsal onlay urethroplasty for membranous urethral strictures: urinary and erectile functional outcomes. *Journal of Urology* 2016 May; 195 (5): 1501-1507.
22. Woodford MR, Truman AW, Dunn DM, Jensen SM, Cotran R, Bullard R, Abouelleil M, Beebe K, Wolfgeher D, Wierzbicki S, Post DE, **Caza T**, Tsutsumi S, Panaretou B, Kron SJ, Trepel JB, Landas S, Prodromou C, Shapiro O, Stetler-Stevenson WG, Bourboulia D, Neckers L, Bratslavsky G, Mollapour M. Mps1 mediated phosphorylation of Hsp90 confers renal cell carcinoma sensitivity and selectivity to Hsp90 inhibitors. *Cell Reports* 2016 Feb; 14 (4): 872-84.
23. Ramadas P, Bansal N, Krishnan P, **Caza T**, Manocha D. Hypercalcemia as the first diagnostic clue of a malignant decubitus ulcer. *Austin Internal Medicine* July 8, 2016.
24. Chelluri R, **Caza T**, Woodford MR, Reeder JE, Bratslavsky G, Byler T. Valproic acid alters angiogenic and trophic gene expression in human prostate cancer models. *Anticancer Research* 2016 Oct; 36 (10): 5079-5086.
25. Oaks Z, Winans T, **Caza T**, Fernandez D, Liu Y, Landas SK, Banki K, Perl A. Mitochondrial dysfunction in the liver and antiphospholipid antibody production precede disease onset and respond to rapamycin in lupus-prone mice. *Arthritis Rheumatol* 2016 Nov; 68 (11): 2728-2739.
26. Nikolavsky D, Manwaring J, Bratslavsky G, **Caza T**, Landas S, Hryniewicz-Jankowska A, Kotula L. Novel concept and method of endoscopic urethral stricture treatment using liquid buccal mucosal graft. *J Urol* 2016 Dec; 196 (6): 1788-1795.

27. Stanton B, **Caza T**, Huang D, Beg M. Tubulointerstitial nephritis as the initial presentation of Crohn's Disease and successful treatment with infliximab. *ACG Case Reports Journal* 2017 Feb 15; 4: e24.
28. **Caza T**, Manwaring J, Riddell J. Recurrent, bilateral, and metastatic pheochromocytoma in a young patient with Beckwith-Wiedemann syndrome: A genetic link?." *Canadian Urologic Association Journal* 2017 May; 11 (5): E240-E243.
29. **Caza T**, Mercedes A, Stoppacher R, Catanese C. A complex case of Loey-Dietz syndrome: case report and review of the literature. *Academic Forensic Pathology* 2016 Dec; 6 (4): 731-738.
30. Scott KA, Li G, Manwaring J, Nikolavsky DA, Fudym Y, **Caza T**, Badar Z, Taylor N, Bratslavsky G, Kotula L, Nikolavsky D. Liquid buccal mucosa graft endoscopic urethroplasty: a validation animal study. *World J Urology* 2020 Sept; 38 (9): 2139-2145.
31. Cassol CA, Williams MPA, **Caza TN**, Rodriguez S. Renal and thrombotic microangiopathy triggered by proteasome-inhibitor therapy in patient with smoldering myeloma: a renal biopsy and autopsy case report. *Medicine* 2019 Aug; 98 (39): e17148.
32. Larsen CP, Sharma S, **Caza TN**, Kenan DJ, Storey A, Edmondson R, Herzog C, Arthur JM. Serum amyloid P deposition is a sensitive and specific feature of membranous-like glomerulopathy with masked IgG kappa deposits. *Kidney International* 2020 Mar; 97 (3): 602-608.
33. Hughes M, **Caza TN**, Li G, Daugherty M, Blakely S, Nikolavsky D. Histologic characterization of the post-radiation urethral stenosis in men treated for prostate cancer. *World J Urology* 2019 Nov, e-pub ahead of print.
34. Godavarthy A, Kelly R, Jimah J, Beckford M, **Caza TN**, Fernandez D, Huang N, Duarte M, Lewis J, Fadel HJ, Poeschla EM, Banki K, Perl A. Lupus-associated endogenous retroviral LTR polymorphism and epigenetic imprinting promote HRES-1/Rab4 expression and mTOR activation. *JCI Insight* 2020 Jan; 5 (1): e134010.
35. **Caza TN**, Hassen SI, Larsen CP. Renal Manifestations of Common Variable Immunodeficiency. *Kidney360*. 2020;1(6):491-500.
36. Caliskan Y, **Caza T**, Mosman A, Elawa U, Philipneri M, Martin K, Bastani B. A case of immune complex mediated tubulointerstitial disease and nephrotic syndrome: anti LRP2 nephropathy with diffuse podocyte effacement. *J Nephrol* 2021 Jun; 34 (3): 915-919.

37. Wu H, Larsen CP, Hernandez-Arroyo CF, Mohamed MMB, **Caza T**, Sharshir M, Chughtai A, Xie L, Gimenez JM, Sandow TA, Lusco MA, Yang H, Acheampong E, Rosales IA, Colvin RB, Fogo AB, Velez JCQ. AKI and collapsing glomerulopathy associated with COVID-19 and APOL1 high-risk genotype. *J Am Soc Nephrol* 2020 Aug; 31 (8): 1688-1695.
38. Best Rocha A, Stroberg E, Barton LM, Duval EJ, Mukhopadyay S, Yarid N, **Caza T**, Wilson JD, Kenan DJ, Kuperman M, Sharma SG, Larsen CP. Detection of SARS-CoV-2 in formalin-fixed paraffin-embedded tissue sections using commercially available reagents. *Lab Invest* 2020 Nov; 200 (11): 1485-1489.
39. Velez JCQ, **Caza T**, Larsen CP. COVAN is the new HIVAN: the re-emergence of collapsing glomerulopathy with COVID-19. *Nat Rev Nephrol* 2020 Oct; 16 (20): 565-567.
40. **Caza T**, Hassen S, Dvanajscak Z, Edmondson R, Herzog C, Storey A, Arthur J, Cossey LN, Sharma S, Kenan D, Larsen C. NELL1 is a target antigen in malignancy-associated membranous nephropathy. *Kidney Int* 2021 Apr; 99 (4): 967-976.
41. **Caza T**, Hassen S, Kuperman M, Sharma S, Dvanajscak Z, Arthur J, Edmondson R, Storey A, Herzog C, Kenan D, Larsen C. NCAM1: A novel autoantigen in membranous lupus nephritis. *Kidney Int* 2021 Jul; 100 (1): 171-181.
42. Al-Rabadi LF, **Caza T**, Trivin-Avillach C, Rodan AR, Andeen N, Hayashi N, Williams B, Revelo MP, Clayton F, Abraham J, Lin E, Liou W, Zou CJ, Ramkumar N, Cummins T, Wilkey DW, Kawalit I, Herzog C, Storey A, Edmondson R, Sjoberg R, Yang T, Chien J, Mercant M, Arthur J, Klein J, Larsen C, Beck LH Jr. Serine protease HTRA1 as a novel target antigen in primary membranous nephropathy. *J Am Soc Nephrol* 2021 May; 32 (7): 1666-1681.
43. **Caza TN**, Hassen SI, Kenan DJ, Storey A, Arthur JM, Herzog C, Edmondson RD, Bourne TD, Beck LH Jr, Larsen CP. Transforming growth factor beta receptor 3 (TGFB3)-associated membranous nephropathy. *Kidney* 360 June 2021.
44. May RM, Cassol C, Hannoudi A, Larsen CP, Lerma E, 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 J, Walavalkar V, Urisman A, Gallan A, 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, Sauabh C, 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. PMID: PMC8328528.
45. **Caza T**, Cassol C, Messias N, Hannoudi A, Haun R, Walker P, May R, Seipp R, Betchick E, Amin H, Ziadie M, Haderlie M, Edwu-okwuwa J, Vancea I, Seek M, Elashi E, Shenoy G, Khalillullah S, Flaxenburg J, Brandt J, Diamond M, Frome A, Kim E, Schlessinger G, Ulozas E, Weatherspoon J, Hoerschgen E, Fabian S, Bae S-Y, Iqbal B, Chouhan K, Karam Z, Larsen CP. Glomerular Disease in Temporal Association to SARS-CoV-2 Vaccination - A Series of 29 Cases., *Kidney360*, Epub Ahead of Print, 10.34067/KID.0005372021
 46. Schardein JN, Li G, Zaccarini DJ, **Caza T**, Nikolavsky D. Histological Evaluation of Vaginal Cavity Remnants Excised During Neourethral Stricture Repair in Transgender Men. *Urology* 2021 Oct; 156: 296-302.
 47. Pai SA, Bhaduri B, Chandrasekar S, Alladi PA, **Caza T**, Mahadevan A, Saiprasad TR, Walker P. Arcane apoptosis in appendicitis: clue to COVID-19 in children or coincidence? *J Clin Pathol* 2021 Nov 24, e-pub ahead of print.
 48. **Caza TN**, Al-Rabadi LF, Beck LH Dr. How times have changed! A cornucopia of antigens for membranous nephropathy. *Front Immunol* 2021 Nov 26; 12: 800242.
 49. Regua A, Papp C, Grageda A, Porter B, **Caza T**, Bichindaritz I, Krendel M, Sivapiragasm A, Bratslavsky G, Kuznetsov VA, Kotula L. ABI1-based expression signature predicts breast cancer metastasis and survival. *Mol Oncol* 2021 Dec 30.
 50. **Caza TN**, Larsen CP. NELL1-associated membranous nephropathy: more than a coincidence? *Kid Int* 2022.
 51. Lerner GBW, Singer GG, Larsen CP, **Caza TN**. Immunoglobulin-Negative Fibrillary Glomerulonephritis Masked in Diabetic Nephropathy: A Case Report and Discussion of a Diagnostic Pitfall. *Glomerular Diseases* 2021 Oct.
 52. Gupta S, **Caza TN**, Hermann SM, Sakhiya VC, Jhaveri KD. Clinicopathologic features of acute kidney injury associated with CDK4/6 inhibitors. *KI Reports* 2021 Dec; e-pub ahead of print.

BOOK CHAPTERS

Telarico T, Perl A. The role of endocytic recycling in autoimmunity. *Autoimmunity: Methods and Protocols*, Humana Press 2012.

Caza TN, Singh M. Pathologic Classification of Kidney Diseases. Issues in Chronic Kidney Disease, Nova Scientific Publishing 2021.

Beck LH and **Caza TN**. Anti-Brush Border Antibody Disease. Tubulointerstitial Diseases. Springer Press 2022.

ABSTRACTS

1. **Telarico T**. *Development of a spectrophotometric assay to measure GI motility in the zebrafish*. SUNY College of Brockport Scholar's day. April 12, 2006.
2. **Telarico T**. *Calling future physician scientists: we need you!* SUNY College of Brockport Scholar's day. April 12, 2006. Chosen as first place in SUNY College at Brockport technical writing contest.
3. **Telarico T**. *Banishing from the beginning: killing cancer stem cells*. SUNY College of Brockport Scholar's day. Undergraduate thesis defense, April 12, 2006
4. **Telarico T**, Guzman M, Jordan C. Sesquiterpene lactone derivatives parthenolide and DMAPT promote p53 expression and inhibit NF-kB activity in acute myeloid leukemia cells. American Chemical Society NorthEast regional meeting 2006, oral presentation
5. **Telarico T**, Fernandez D, Doherty E, Perl A. Exploring the role of HRES-1/Rab4 in lupus T cell signaling. National MD/PhD conference 2009, poster presentation.
6. Fernandez D, **Telarico T**, Singh RR, Perl A. Activation of the nitric oxide-mitochondrial hyperpolarization-mTOR-Rab4 signaling pathway before disease development in lupus-prone mice. American College of Rheumatology meeting 2009, oral presentation.
7. Lai Z, **Telarico T**, Bartos A, Miklossy G, Hanczko R, Jimah J, Clair B, Francis L, Tily H, Garcia R, Phillips PE, Ramos I, Perl A. Reversal of CD3+/CD4+/CD25+/Foxp3+ T reg depletion in active SLE patients with rapamycin. American College of Rheumatology meeting 2010, poster presentation
8. Lai Z, **Telarico T**, Bartos A, Miklossy G, Hanczko R, Francis L, Tily H, Ramos I, Garcia R, Phillips P, Jimah J, Doherty E. Expansion of CD3+/CD4+/CD25+/Foxp3+ T cells in rapamycin-treated lupus patients. American Association of Immunologists meeting 2010, poster presentation.

9. **Telarico T**, Fernandez DR, Singh RR, Perl A. Altered endocytic recycling and mitochondrial function in lupus-prone NZB/NZW F1 and MRL/lpr mice. American Association of Immunologists meeting 2010, poster presentation.
10. **Telarico T**, Fernandez DR, Hofbauer AF, Gilkeson GS, Oates JC, Perl A. Mitochondrial dysfunction in T cells precede disease development in lupus-prone mice. American College of Rheumatology meeting 2010, poster presentation.
11. Lai Z, **Telarico T**, Bartos A, Miklossy G, Hanczko R, Jimah J, Clair B, Francis L, Tily H, Garcia R, Phillips PE, Ramos I, Perl A. Reversal of CD3+/CD4+/CD25+/Foxp3+ T reg depletion in active SLE patients with rapamycin. American College of Rheumatology meeting 2010, poster presentation.
12. **Telarico T**, Doherty E, Fernandez DR, Bartos A, Oess S, Muller-Esterl W, Perl A. The HRES-1/Rab4 lupus susceptibility gene promotes nitric oxide production in human T cells through direct interaction with endothelial nitric oxide synthase interacting protein. American College of Rheumatology meeting 2010, oral presentation.
13. **Telarico T**, Miklossy G, Sabatini D, Kwiatkowski D, Sonenberg N, Perl A. HRES-1/Rab4 lupus-susceptibility gene selectively regulates mTORC1 and mTORC2 in T lymphocytes. American College of Rheumatology meeting 2011, poster presentation.
14. **Telarico T**, Doherty E, Clair B, Malorni W, Perl A. Overexpression of lupus-susceptibility gene HRES-1/Rab4 causes enhanced microautophagy and defective mitochondrial macroautophagy (mitophagy) in lupus T cells. American College of Rheumatology meeting 2011, oral presentation and selected for abstract award.
15. **Telarico T**, Clair B, Perl A. Rapamycin treatment normalizes CD3 and CD4 recycling in lupus T lymphocytes. American College of Rheumatology meeting 2011, oral presentation.
16. Yin Y, Perry D, **Caza TN**, Perl A, Morel LM. Regulation of T cell metabolism and autoimmunity by the orphan nuclear receptor ERR. American Association of Immunologists meeting 2012, poster presentation.
17. Lai Z-W, **Caza TN**, Hanczko R, Bartos A, Francis L, Tily H, Garcia R, Dawood M, Yu J, Shadakshari A, Phillips P, Perl A. Biomarkers of mitochondrial dysfunction correlate with disease activity in SLE. American College of Rheumatology meeting 2012.

18. Oaks Z, **Caza TN**, Perl A. Functional and biochemical differences in isolated mitochondria in lupus-prone mice prior to disease onset. American College of Rheumatology meeting 2012
19. **Caza TN**, Oaks Z, Talaber G, Haas M, Madaio M, Perl A. Rab GTPase inhibition is therapeutic in murine lupus. American College of Rheumatology meeting 2012.
20. Gilkeson GS, Mashmoushi AK, Ruiz P, Caza TN, Perl A, Oates JC. Endothelial nitric oxide synthase reduces crescentic and necrotic glomerular lesions reactive oxygen production and MCP1 production in murine lupus nephritis PLOS ONE 2013 Jun 7.
21. Oaks Z, **Caza T**, Liu Y, Perl A. Liver mitochondria dysfunction precedes the onset of SLE in lupus-prone mice and is ameliorated by rapamycin and 3-PEHPC. EULAR scientific meeting 2014.
22. Chelluri R, **Caza T**, Woodford M, Byler T, Bratslavsky G, Reeder J. "Synergistic Gene Expression Changes in Prostate Cancer Cells in Response to Valproic Acid and Flutamide". NSAUA Annual Meeting, November 2014.
23. **Caza T**, Costello K, Sgroi J, Elkins M. Anion Gap Underestimated by Point-of-Care Testing in Diabetics and End Stage Renal Disease Patients. United States & Canadian Academy of Pathology's 104th Annual Meeting, March 21-27, 2015. Boston, Massachusetts.
24. **Caza T**, Whiting K, Kollisch-Singule MC, Jain S, Satalin J, Snyder K, Gatto L, Middleton F, Andrews P, Nieman G, Habashi N, Landas S. Molecular Mechanisms of Prevention of Septic Acute Respiratory Distress Syndrome By Airway Pressure Release Ventilation. United States & Canadian Academy of Pathology's 104th Annual Meeting, March 21-27, 2015. Boston, Massachusetts
25. Hudson S, Wang D, Nevaldine B, **Caza T**, Middleton F, Hutchison RE. Expression analysis of combination treatments in anaplastic large cell lymphoma. Pediatric AYA lymphoma conference, 2015.
26. Cornwell L, Blakely S, **Caza T**, Landas S, Nikolavsky D. Urethral complications after female to male gender reassignment: common causes, consequences and considerations for salvage reconstruction. American Urological Association annual scientific meeting 2016.
27. Prince M, **Caza T**, Landas S, Nikolavsky D. Histopathologic characterization of urethral strictures: a comparison of various types. Upstate New York Urology Resident Research Day, 3/2016.

28. Rana S, Khanna A, **Caza T**, Betcher SL. An exceptional case of Lyme disease associated MPGN. American Society of Nephrology annual scientific meeting, Chicago IL, November 15-20, 2016
29. **Caza T**, Mercedes A, Stoppacher R, Catanese C. A complex case of Loeys-Dietz syndrome: an autopsy report and review of the literature. National Association of Medical Examiners annual meeting, Minneapolis, MN, September 10-13, 2016.
30. Prince M, **Caza T**, Landas S, Nikolavsky D. Histopathologic characterization of urethral strictures: a comparison of various types. Northeastern Regional Meeting of the American Urological Association, Buffalo NY, September 29, 2016.
31. Manwaring J, **Caza T**, Landas S, Kotula L, Nikolavsky D. Liquid buccal mucosal grafting for urethral stricture disease: a preliminary animal study. Northeastern Regional Meeting of the American Urological Association, Buffalo NY, September 29, 2016.
32. Soltanpour K, **Caza T**, Leggat J, Khanna A. Post-infectious glomerulonephritis mimicking Henoch-Schonlein Purpura. 2017 National Kidney Foundation meeting.
33. Blakely S, **Caza T**, Nikolavsky D. Urethral complications after female to male gender reassignment: common causes, consequences and considerations for salvage reconstruction. 2017 USPATH Symposium, Los Angeles, CA, February 2017.
34. Manwaring J, **Caza T**, Bratslavsky G, Kotula L, Landas S, Nikolavsky D. Immunohistochemical characterization of urethral strictures following treatment with a liquid buccal mucosal graft in a rabbit model. American Urologic Association meeting, Spring 2017 (submitted, status unknown).
35. Manwaring J, **Caza T**, Bratslavsky G, Kotula L, Landas S, Nikolavsky D. Novel concept and method of endoscopic urethral stricture treatment using liquid buccal mucosal graft and histologic evidence of engraftment. Beyond the Doctorate Research Day. Upstate Medical University, March 1, 2017. Poster presentation.
36. Soltanpour K, **Caza T**, Leggat J, Khanna A. Post-infectious glomerulonephritis mimicking Henoch-Schonlein Purpura. Beyond the Doctorate Research Day. Upstate Medical University, March 1, 2017. Poster presentation.
37. **Caza T**, Spencer J, Daneshvar M, Nikolavsky D. Histopathology of radiation-induced urethral stricture in men with prostate cancer. Beyond the Doctorate Research Day. Upstate Medical University, March 1, 2017. Oral presentation.

38. Stranix JT, Wilson SC, Blakely S, BrykD, Cornwell L, **Caza T**, Nikolavsky D, Levine JP, Zhao LC. Urethral complications after female to male gender reassignment: common causes, consequences, and considerations for salvage reconstruction. American Society for Reconstructive Microsurgery 2017 meeting. Oral presentation (abstract #29).
39. Regua A, Bichindaritz I, **Caza T**, White J, Adamiecki R, Krendel M, Bratslavsky G, Kotula L. Loss of Abi1 abrogates lung metastasis in the PyMT model of breast cancer. American Association for Cancer Research scientific meeting 2017. Poster presentation (abstract #3404).
40. Soltanpour K, **Caza T**, Khanna A. A case of concurrent catastrophic antiphospholipid syndrome and IgA nephropathy. American Society of Nephrology 2017 Abstract Supplement (abstract #2785597).
41. **Caza T**, John I, Bratslavsky G, Blakely S. *Nephrosclerosis is Frequently Identified in Young Patients With Renal Cell Carcinoma*. United States & Canadian Academy of Pathology's 107th Annual Meeting in Vancouver, British Columbia, Canada, March 17-23, 2018.
42. **Caza T**, Hughes M, Spencer J, Nikolavsky D. *Histopathology of Radiation-Induced Urethral Strictures in Men with Prostate Cancer*. United States & Canadian Academy of Pathology's 107th Annual Meeting in Vancouver, British Columbia, Canada, March 17-23, 2018.
43. **Caza T**, Stemmer M, Wegnerski C, Khurana K. *CellSolutions Non-Gynecologic Cytologic Preparations: An Acceptable Alternative to ThinPrep Technique*. United States & Canadian Academy of Pathology's 107th Annual Meeting in Vancouver, British Columbia, Canada, March 17-23, 2018
44. Regua A, Bichindaritz I, **Caza T**, White JR, Nappi A, Mondragon C, Krendel M, Bratslavsky G, Sivapiragasam A, Kotula L. Abi1 positively regulates lung metastasis of aggressive breast cancer in the PyMT mouse model. American Association of Cancer Research 2018 Annual Meeting, Chicago IL, April 14-18, 2018.
45. Soltanpour K, **Caza T**, Khanna R. *A Case of Concurrent IgA Nephropathy and Microscopic Polyangiitis*. American Society of Nephrology Annual Meeting. San Diego, CA, October 25-28, 2018.
46. **Caza T**, Wilson J, Larsen CP. APOL1 expression does not vary with disease state in patients with APOL1 risk alleles. United States & Canadian Academy of Pathology's 108th Annual Meeting in Washington DC, United States, March 16-21, 2019

47. **Caza T**, Larsen CP. Renal manifestations of common variable immunodeficiency. United States & Canadian Academy of Pathology's 108th Annual Meeting in Washington DC, United States, March 16-21, 2019.
48. **Caza T**, Larsen CP. NELL1: A candidate antigen in malignancy-associated membranous glomerulopathy. American Physiological Society Companion meeting at the American Society of Nephrology meeting, 2019, oral presentation.
49. Al-Rababi L, **Caza T**, Avillach C, Rodan A, Abraham J, Clayton F, Revelo P, Andeen N, Williams B, Merchant M, Klein J, Larsen C, Beck L. HTRA1 is a novel antigenic target in membranous nephropathy. American Society of Nephrology annual meeting 2020, oral presentation.
50. **Caza T**, Hassen S, Kuperman M, Edmondson R, Herzog C, Storey A, Arthur J, Dvanajscak Z, Sharma S, Kenan D, Al-Rabadi L, Beck L, Larsen C. NCAM1 is an autoantigen in membranous lupus nephritis. American Society of Nephrology annual meeting 2020, oral presentation.
51. Holmes M, **Caza T**, Al Azzawi A, Suarez MG. Concomitant crescentic necrotizing IgAN and ANCA vasculitis in a young African American man. *Am J Kid Dis* 2020; 75 (4): 586-587.
52. Caliskan Y, **Caza T**, Elewa U, Martin K, Bastani B. A case of immune complex mediated tubulointerstitial disease and nephrotic syndrome: anti-LRP2 nephropathy. *Am J Kid Dis* 2020; 75 (4): 553.
53. Regua A, Bichindaritz I, **Caza T**, White JR, Nappi A, Mondragon C, Krendel M, Bratslavsky G, Sivapiragasam A, Kotula L. Abi1 positivity regulates lung metastases of aggressive breast cancer in PyMT mouse model. *Cancer Research* 2018; 13 supplement: 108.
54. May R, **Caza T**, Cassol C, Walker P, Bourne T, Messias N, Dvanajscak Z, Sharma S, Cossey LN, Larsen C. Unique clinicopathologic findings in adenovirus nephritis. *Lab Invest* 2021 March; 101 supplement 1: 1011-1013.
55. **Caza T**, Larsen CP, Walker PD, Seipp RM, Amin H, Vancea I, Ziadie MS, Messias NC, Cassol CA. Glomerular disease in temporal association to SARS-CoV-2 RNA vaccination: a series of 16 cases. American Society of Nephrology 2021 annual meeting.
56. Morelle J*, **Caza T***, Aydin S, Larsen C. Cubilin is a novel target antigen in anti-brush border disease. American Society of Nephrology 2021 annual meeting.

TEACHING EXPERIENCE

Medical student teaching:
Pathology 201 course, 2014-2015.

Specialized pathology medical student elective, 2015-2016, 8 sessions.
Small group instructor for Foundations in Reasoning in Medicine Course, 2016-2018, 15 sessions/year.

Interdisciplinary:

Urologic pathology, 2014-2015, 4 sessions.
Gastrointestinal pathology conference, 2014-2015, 12 sessions.
ENT multidisciplinary tumor board, 2014-2015, 6 sessions.
Hematopathology clinical correlation conferences, 2014-2017, 18 sessions.
Pediatric hematology-oncology conferences, 2017, 6 sessions.
Rheumatology-pathology correlation conferences, 2016-2017, 12 sessions.
Orthopedic oncology tumor board, 2017, 6 sessions.
Orientation lectures for first year pathology residents, 2017, 5 sessions.

Kidney pathology:

Arkana Live, 2020, 2 sessions.
Kidney biopsy conferences, 2019-present, monthly to bimonthly.

Invited talks:

Membranous glomerulopathy, Kidney Con, 2020.
Membranous lupus nephritis, Kidney Con, 2021.
Nephropathology of COVID-19: Lessons Learned from the COVID-19 Kidney Biopsy Consortium, Renal Physicians Association meeting, 2021.
Proteomics of Glomerular Diseases, UAMS MD/PhD student talk 9/13/2019

FOAMed:

Arkana Social Media Team, 2019-present.

Art of Medicine Series, Arkana Laboratories.

Disease Weeks, Arkana Laboratories.

Nephrology Journal Club (#NephJC) - host chats and involved writing and editing of summary posts.

Nephrology Social Media Collective (NSMC) internship (2019) and faculty mentor (2020-2022) - content creation and editing for nephrology social media (NephJC, NephSim, NephMadness, and Renal Fellow Network).