

Atif Saleem

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ACADEMIC TRAINING

2020-2021 Fellow Physician in Hematopathology, Stanford University School of Medicine, Stanford, CA
2016-2020 Resident Physician in Pathology (Anatomic and Clinical), Stanford University School of Medicine, Stanford, CA
2012-2016 D.O Touro University California, Vallejo, CA
2010-2011 M.A. Earth and Planetary Science, UC Berkeley, Berkeley, CA
2008-2010 B.A., Marine Science and minor in Dance and Performance Studies, UC Berkeley, Berkeley, CA

HONORS AND AWARDS

2019 Stanford Medicine Global Scholars Program, Botswana
2018 Pathology Trainee Mentored Award in Precision Health with Dr. Kerri Rieger, Stanford University Department of Pathology
2018 Pathology Trainee Mentored Award in Precision Health under leadership of Dr. Lauren Lawrence and Dr. James Zehnder
2017 Honor's Scholars Certificate Program in Medical Education participant, Stanford University. *In process.*
2016 Global Health Pathway Certification, Touro University California, Vallejo, CA
2015 Gold Humanism Honor Society
2014 Medical Student Scholarship Recipient, Solano County Medical Society, Solano County, CA
2013-2016 Sigma Sigma Phi Honors Society, Touro University California, Vallejo, CA
2013-2016 Board Member of the Solano County Medical Society (SCMS)
2012 Delegate for California Medical Association (CMA), Medical Students Section (MSS)

PROFESSIONAL EXPERIENCE AND ACTIVITIES

2019-2021 Chief Resident in Anatomic Pathology, Stanford University School of Medicine, Stanford, CA
2018-Present Global Oncology Group Co-Coordinator, Stanford University School of Medicine
2018-2020 College of American Pathologists Resident Forum Delegate
2017 Global Health Intensive Course for Medical Trainees, Center for Innovation in Global Health, Stanford University School of Medicine, Stanford, CA
2015-2016 Diversity Technical Advisory Committee member, CMA
2014-2016 Standing Committee Member of the Minority Issues Committee (MIC) within the American Medical Association (AMA) -MSS
2014-2016 Ethnic Medical Organization Section (EMOS) Representative on behalf of the MSS, CMA

2013-2014	Vice Chair of CMA Relations, MSS
2013- 2014	Pathology Interest Group, founder at Touro University California, Vallejo, CA
2013 –2016	Global Physicians Corps, Touro University California, Vallejo, CA
2012-2014	AMA/ CMA/SCMS, Chapter Chair at Touro University California, Vallejo, CA
2011-2012	Adjunct Geology Instructor, San Jose City College, San Jose, CA
2011-2012	Adjunct Mathematics Instructor, San Jose State University, San Jose, CA
2011	Graduate Student Instructor in Earth and Planetary Science, UC Berkeley, Berkeley, CA

SCHOLARSHIP

Publications

1. Yamashita R, Long J, **Saleem A**, Rubin DL, Shen J. Deep learning predicts postsurgical recurrence of hepatocellular carcinoma from digital histopathologic images. *Scientific reports*. 2021 Jan 21;11(1):1-4.
2. Ferguson J, Mooney K, **Saleem A**, Stevens BA, Pinsky BA, Centkowski S, Zaba LC, Ho DY. Cutaneous cytomegalovirus—A case of disseminated cytomegalovirus presenting with extensive ulcerative skin lesions in a renal transplant recipient. *Transplant Infectious Disease*. 2021 Feb 16:e13582. Epstein DJ, Thompson LDR, **Saleem A**, Kao C, Epstein JI. Fungal Prostatitis Due to Endemic Mycoses: A Multi-Center Case Series. *The Prostate*. 23 June 2020.
3. Raghavan SS, **Saleem A**, Wang JY, Rieger KE, Brown RA, Novoa RA. Diagnostic Utility of LEF1 Immunohistochemistry in Differentiating Deep Penetrating Nevi From Histologic Mimics. *The American Journal of Surgical Pathology*. 2020 Jun 9.
4. Lawrence LEB, **Saleem A**, Sahoo MK, Tan SK, Pinsky BA, Natkunam Y, Kunder CA, Stehr H, Zehnder JL. Is Merkel Cell Carcinoma of Lymph Node Actually Metastatic Cutaneous Merkel Cell Carcinoma? *Am J Clin Pathol*. 2020 May 23;aqaa051. doi: 10.1093/ajcp/aqaa051. PMID: 32445471.
5. Lerbs T, Cui L, Muscat C, **Saleem A**, Van Neste C, Domizi P, Chan C, Wernig G. Expansion of Bone Precursors through Jun as a Novel Treatment for Osteoporosis-Associated Fractures. *Stem cell reports*. 2020 Mar 19.
6. **Saleem A**, Joshi R, Lei L, Lezama L, Raghavan SS, Neishaboori N, Roy M, Schroers-Martin J, Charville GW, Kunder C, Tan B. Novel *IRF8* and *PD-L1* molecular aberrations in systemic EBV-positive T-cell lymphoma of childhood. *Human Pathology: Case Reports*. 2020 Mar 1;19:200356.
7. **Saleem A**, Natkunam Y. Extranodal NK/T-Cell Lymphomas: The Role of Natural Killer Cells and EBV in Lymphomagenesis. *Int J Mol Sci*. 2020;21(4):1501. Published 2020 Feb 22. doi:10.3390/ijms21041501.
8. **Saleem A**, Bekele A, Fitzpatrick MB, Mahmoud EA, Lin AW, Velasco HE, Rashed MM. Knowledge and awareness of cervical cancer in Southwestern Ethiopia is lacking: A descriptive analysis. *PLoS One*. 2019 Nov 12;14(11):e0215117.
9. Lin CY, **Saleem A**, Stehr H, Zehnder JL, Pinsky BA, Kunder CA. Molecular profiling of clear cell adenocarcinoma of the urinary tract. *Virchows Archiv*. 2019:1-8.
10. **Saleem A**, Hoffmann J, Warnke R, Rieger KE, Longacre T. Intralymphatic Rosai-Dorfman Disease Associated With Vulvar Lymphedema: A Case Report of an Extremely Rare Phenomenon. *International Journal of Gynecological Pathology*. 2020 Apr 13.
11. **Saleem A**, Brown R, Higgins J, Troxell M, Kunder C, Pinsky B, Zambrano E, Kao C. A Case Report of Pediatric Clear Cell Carcinoma of the Urinary Bladder Associated With Polyomavirus. *AJSP: Reviews & Reports*. 2018 Nov 1;23(6):291-5.
12. Blackney K, Rizvi A, **Saleem A**, Hennessey E. Asystolic Arrest from Polypharmacy in a Patient with Status Epilepticus. *Anesthesia and Analgesia Meeting Abstract*. 2017 May; 2(124): 631-631.

13. **Saleem A**, Kaneda Y. The role of the ocean as a vector in disease transmission. In OCEANS MTS/IEEE Seattle 2010 Sep 20 (pp. 1-8). IEEE.

Research studies that are ongoing

14. Mascharak S, desJardins-Park HE, Borrelli MR, Chinta M, Moore AL, Kania G, Titan AL, Foster DS, Duoto B, Brewer RE, Sokol J, Garibay E, Lerbs T, **Saleem A**, Devereaux K, Gurtner GC, Lorenz HP, Wan DC, Distler O, Chang HY, Wernig G, Longaker MT. 2019. Machine learning analysis of connective tissue networks in scarring and chronic fibroses. Status: Manuscript submitted.
15. Narasimhamurthy M, Zhou F, Horembe K, Madan V, **Saleem A**, Brown R, Cooper K. 2019. Myoepithelioma of soft tissue with adipocytic metaplasia: a diagnostic challenge in the resource limited setting of Botswana. Status: Manuscript submitted.
16. Lawrence L, Longacre T, **Saleem A**, Kunder C. 2019. Concordance between immunohistochemistry and next generation sequencing in testing patients for hereditary nonpolyposis colorectal cancer. Status: Manuscript in progress and presented as a poster at the United States and Canadian Academy of Pathology Annual Meeting in National Harbor, Maryland.
17. **Saleem A**, Louie C. 2018. Meningeal Melanomatosis: A Review. Status: Manuscript complete.
18. **Saleem A**, Pinsky B, Kirsch H, Natkunam Y. Ethnogenetic predisposition and variation in EBV-associated hematolymphoid neoplasms. Status: In progress.

Poster presentations

19. **Saleem A**, Raghavan S, Rieger K. 2018. PD-L1 expression in cutaneous acute graft-versus-host disease. American Society of Dermatopathology, Chicago, Illinois.
20. **Saleem A**, Gratzinger D. 2018. Clinicopathologic comparison of initial versus secondary hematolymphoid malignant diagnosis made on effusion samples. European Association for Haematopathology, Edinburgh, Scotland, UK.
3. **Saleem A**, Fitzpatrick M, Bekele A, Rashed M, Mahmoud E, Lin A, Velasco E. 2018. Descriptive analysis of cervical cancer cases at Jimma University Hospital in Southwestern Ethiopia. Status: Manuscript submitted and presented as a poster presentation at the Consortium of Universities for Global Health Annual Conference in New York City, New York.
21. **Saleem A**, Chao C, Zhou A, Piacente L, Chen E, Spear R, Nibbe Y, Mahmoud E. 2013. Delineating sites and contributing factors of *Schistosoma mansoni* transmission in Kanga, Tanzania. The Journal of the American Osteopathic Association Bureau of International Osteopathic Medicine Abstracts and Poster Competition, vol. 114, e58, Las Vegas, NV.
22. **Saleem A**, Elul T. 2013. Branch order and Sholl analysis of axonal projection path in *Xenopus laevis*. Touro University California Annual Research Day, Vallejo, CA.

Global health projects

23. **Saleem A**, Williams V, Kyokunda L, Eshetu A, Narasimhamurthy M. Prevalence of *BRAF*, *NRAS*, *CKIT* aberrations in acral lentiginous melanomas in Botswana. In process.
24. Akinsete S, **Saleem A**, Fitzpatrick M, Zambrano E, Natkunam Y, Million L, Sheth S, Bhatt A. Molecular analysis of sarcoma cases from the Lagos University Teaching Hospital, Nigeria. In process.
25. **Saleem A**, Shekhar K, Bailey E. 1) Teledermatopathology, 2) Instrumentalization of direct immunofluorescence laboratory at the Dhulikhel Hospital in Kathmandu Nepal. In process.
26. Abera S, Tiruzer B, **Saleem A**, Fitzpatrick M, Mahmoud E. 1) Clinicopathologic analysis of cervical cancer cases and 2) Implementation of a pathology residency program at the University of Gondar, Ethiopia. In process.

27. Fitzpatrick M, **Saleem A**, Kong C. Validation of ER, PR and HER2 immunohistochemistry in breast cancer cases, Kenya. Complete.
28. **Saleem A**, Natkunam Y. Analysis of EBV and immunoglobulin repertoire in diffuse large B-cell lymphomas and extranodal NK/T-cell lymphomas in Guatemala. In process.

Other publicly available works

- 2015 **Saleem A**, Moghavem, N. Considering ethnicity when calculating BMI. California Medical Association Policy 110-15.
- 2014 Toor H, **Saleem A**, Boyle P, Israel T. Discrimination against osteopathic medical students in California health institutions and programs. California Medical Association Policy 611-14.

PRESENTATIONS/EDUCATIONAL EXPERIENCES

- 2019 Hydroa vacciniforme-like lymphoproliferative disorder, Chinese Society for Hematopathology and Society for Hematopathology Joint Workshop on Infectious agent associated lymphoid proliferations in Xi'an, China.
- 2019 Manuscript reviewer for Plos One (subject area: global health).
- 2017-Present Taught 16 pathology small group Science of Medicine sessions to 1st and 2nd-year medical students, Stanford University School of Medicine, Stanford, CA.
- 2019 Taught pathology problem-based learning sessions on the cervix, uterus, ovary, testis and prostate in March 2019 at Touro University California, Vallejo, CA.
- 2019 Wrote pathology quiz item for SAM/CME credit in November 2018, South Bay Pathology Society.
- 2018 De novo CD5 positive diffuse large B-cell lymphoma of the bone marrow, European Association for Haematopathology Annual Meeting, Edinburgh, Scotland, UK.
- 2018 "The Role of EBV in the pathogenesis of extranodal NK/T-Cell lymphomas and ethnogenetic association in Guatemala." Invited talk at the lymphoma conference in Guatemala City, Guatemala (Jornada Cientifica de Investigacion en Linfoma, hosted by the Lisa Nacional Contra El Cancer Guatemala).
- 2018 "The Role of EBV in the Pathogenesis of Extranodal NK/T-Cell Lymphoma." Current concepts presentation at Stanford University Department of Pathology.
- 2017 "Viral Oncogenesis and Molecular Analysis of Adult T-Cell Leukemia/Lymphoma." Current concepts presentation at Stanford University Department of Pathology.
- 2017 "Telepathology in Global Health." Current concepts presentation at Stanford University Department of Pathology.
- 2015 "Osteopathic Medical School." Invited talk at the American Muslims for Professional Development Pre-Medical Student Workshop at UC Berkeley.
- 2015 "Board Exam Preparation." Invited presentation to first-year medical students. Touro University California, Vallejo, CA.
- 2014-2015 "Climate Change and Health." Invited presentation to the Touro University California global health elective class in April 2014 and February 2015.
- 2014 "Improving Minority Health Outcomes" with the Minority Issues Committee. AMA Interim Meeting, Dallas, TX.
- 2014 "Medical Students: Fight for your Right to Practice Medicine." Invited presentation at the Network of Ethnic Physician Organizations (NEPO) Annual Leadership Summit. Riverside, CA.

PROFESSIONAL SOCIETIES

Consortium of Universities for Global Health, The American Society of Dermatopathology, American Society for Clinical Pathology, United States and Canadian Academy of Pathology (and Friends of

Africa initiative), College of American Pathologists, American Medical Association, Osteopathic Physicians and Surgeons of California, California Medical Association.