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ADDRESS

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3811 West Thirteen Mile Road
Royal Oak, MI 48073

EDUCATION AND TRAINING

- 7/2018 – 6/2019 Fellow, Hematopathology
University of Michigan, Ann Arbor, MI
- 5/2017 – 6/2018 Chief Residency, Pathology
Case Western Reserve University, Metrohealth Medical Center, Cleveland, OH
- 7/2014 – 6/2018 Residency, Anatomic and Clinical Pathology
Case Western Reserve University, Metrohealth Medical Center, Cleveland, OH
- 7/2012 – 6/2014 Fellow, Post-Doctoral Research, Ophthalmology
University of Illinois School of Medicine Chicago, Chicago, IL
- 6/2006 Fellow, Ophthalmology
Royal College of Physician and Surgeons of Glasgow, Glasgow, United Kingdom
- 10/2000 – 12/2005 Residency, Ophthalmology, Iraqi Board for Medical Specializations
College of Medicine, University of Baghdad, Baghdad, Iraq
- 9/1998 – 9/2000 Intern, Medicine, Surgery, Pediatrics, Obstetrics & Gynecology, and subspecialities
Al-Kadhimiya Teaching Hospital affiliated with Al-Nahrain University Baghdad, Iraq
- 1998 Medicine and Surgery, M.B.Ch.B., (M.D. equivalent)
Al-Nahrain University, College of Medicine, Baghdad, Iraq

PROFESSIONAL MEMBERSHIPS

- American Society for Hematopathologists (ASH)
- United States and Canadian Academy of Pathology (USCAP)
- American Society for Clinical Pathology (ASCP)
- College of American Pathologists (CAP)
- American Medical Association (AMA)
- Ohio Society of Pathologist (OSP)
- Cleveland Society of Pathology (CSP)
- American Academy of Ophthalmology (AAO)

Association for Research in Vision and Ophthalmology (ARVO)
Iraqi Ophthalmology Society (IOS)
Iraqi Medical Association (IMA)

PROFESSIONAL, ACADEMIC, ADMINISTRATIVE, AND CLINICAL POSITIONS

Academic Positions

2025 – present Assistant Professor, Department of Pathology and Laboratory Medicine
Oakland University William Beaumont School of Medicine, Rochester, MI

2019 – 2022 Instructor
Hematopathology Fellows and Pathology Residents, Beth Israel Deaconess
Medical Center, Harvard Medical School, Harvard University Boston, MA

2020 – 2021 PF1, PF3, PF5, PF7 Harvard, Hinton Society and Cannon Society
Harvard Medical School, Harvard University, Boston MA

Clinical Positions

2024 – present Hematopathologist, Clinical Pathology
Corewell Health William Beaumont University Hospital, Royal Oak

PUBLICATIONS

Peer-Reviewed

Christian K.Hirt, Christine R.Bryke, **Sarmad H. Jassim**. Challenging cases of follicular lymphoma diagnosed by core needle biopsy incorporating proliferation index and cytogenetics. Human Pathology Reports. Volume 28 (2022):300616. Pilot study of case series of initial findings for future more extensive study on follicular lymphoma and large B cell lymphoma.

Mahmoud A AbdelRazek, Marcel Casasola, Roohallah Mollashahi, Alexander Brodski, Scott Morin, Aleksandra Augustynowicz, **Sarmad Jassim**, Marcelo Matiello, Jacob Sloane.

Extended B-cell depletion beyond 6-months in patients receiving ocrelizumab or rituximab for CNS demyelinating disease. Mult Scler Relat Disord. 2022 Jan 21; 59:103505.

Savari O, **Jassim S**, Ferrer H, Ganocy S, Ganesan S. Role of CD68 immunohistochemistry in categorizing benign nonmesothelial cell population and refining “atypical” category in serous fluid cytology. Diagnostic cytopathology. 2020. July 9 online ahead of print. PMID: 32644272

Jassim SH, Smith LB. New/Revised entities in Gastrointestinal lymphoproliferative disorders. Surgical pathology Clinics. Hematopathology. 12 (2019) 733-743. PMID: 31352985

Rajan Dewar, MD, PhD, FCAP and **Sarmad Jassim**, MD. Monomorphic epitheliotropic intestinal T-cell lymphoma. 2019 HPATH-A: Digital Slide Program in Hematopathology (SAM eligible). © 2019 College of American Pathologists - Online CME Self-Assessment Module released May 2019.

Reviews, chapters, monographs and editorials

Sarmad H Jassim, Lauren B. Smith. New/Revised entities in Gastrointestinal lymphoproliferative disorders. Surgical pathology Clinics. Hematopathology. 12 (2019) 733-743.

Abstracts

Jassim SH, Khiyami A, Nguyen JK, Ganesan S, Tomashefski J Jr, Sawady J (2017). Concordant clear cell "mesonephric" carcinoma of the bladder and lung adenocarcinoma with clear cell features - multiple primaries versus metastatic neoplasms: a case report. *J Med Case Rep*. 2017 May 12; 11(1):133. PMID: 28494807.

Farooq AV, Hou JH, **Jassim S**, Haq Z, Tu EY, de la Cruz J, Cortina MS (2016). Biofilm Formation on Bandage Contact Lenses Worn by Patients with the Boston Type 1 Keratoprosthesis: A Pilot Comparison Study of Prophylactic Topical Vancomycin 15 mg/mL and Linezolid 0.2. *Eye Contact Lens*. 2016 Oct 13. PMID: 27755287.

Ali M, Shah D, Pasha Z, **Jassim SH**, Jaboori AJ, Setabutr P, Aakalu VK (2016). Evaluation of Accessory Lacrimal Gland in Muller's Muscle Conjunctival Resection Specimens for Precursor Cell Markers and Biological Markers of Dry Eye Disease. *Curr Eye Res*. 2016 Sep 9:1-7. PMID: 27612554.

Shah D, Ali M, Pasha Z, Jaboori AJ, **Jassim SH**, Jain S, Vinay K. Aakalu (2016). Histatin-1 Expression in Human Lacrimal Epithelium. *PLoS ONE*. 2016 Jan 29; 11 (1): e0148018. PMID: 26824896.

Jassim SH, Sivaraman KR, Jimenez JC, Jaboori AH, Federle MJ, de la Cruz J, Cortina MS (2015). Bacteria Colonizing the Ocular Surface in Eyes with Boston Type 1 Keratoprosthesis: Analysis of Biofilm-Forming Capability and Vancomycin Tolerance. *Invest Ophthalmol Vis Sci*. 2015 Jul 1; 56 (8):4689-96. PMID: 26207304.

Joelle A Hallak, **Jassim SH**, Vishakha Khanolkar, Sandeep Jain (2013). Symptom Burden of Patients with Dry Eye Disease: A Four Domain Analysis. *PLoS One*. 2013; 8(12): e82805 Published: December 13, 2013. PMID: 24349365.

Tibrewal S, Sarkar J, **Jassim SH**, Gandhi S, Sonawane S, Chaudary S, Byun YS, Hallak J, Newcomb M, Horner J, Jain S (2013). Tear Fluid Extracellular DNA: Diagnostic and Therapeutic Implications in Dry Eye Disease. Published online before print November 19, 2013, doi: 10.1167/iovs.13-12844 *Invest. Ophthalmol. Vis. Sci*. December 11, 2013 Vol. 54 No. 13, 8051-8061. PMID: 24255046.

Sarkar J, Chaudhary S, **Jassim SH**, Ozturk O, Chamon W, Ganesh B, Tibrewal S, Gandhi S, Byun YS, Hallak J, Mahmud DL, Mahmud N, Rondelli D, Jain S (2013). CD11b+GR1+ Myeloid Cells Secrete NGF and Promote Trigeminal Ganglion Neurite Growth: Implications for Corneal Nerve Regeneration. *IOVS*. 2013 Sep; 54(9): 5920-36. PMID: 23942970.

Sonawane S, Khanolkar V, Namavari A, Chaudhary S, Gandhi S, Tibrewal S, **Jassim SH**, Shaheen B, Hallak J, Horner JH, Newcomb M, Sarkar J, Jain S (2012). Ocular surface extracellular DNA and nuclease activity imbalance: a new paradigm for inflammation in dry eye disease. *Investigative Ophthalmology of Visual Sciences*. 2012 Dec; 53(13): 8253-8263. PMID: 23169882.

Al-Ryahi EAA, **Jassim SH**. The Effectiveness of Intacs and Kerarings Intrastromal Corneal Ring Implantation in Keratoconus (2009). A 3-year Comparative study in Amman, Jordan. *Highlights of Ophthalmology Journal*. 2009 Jan; 1(1): 4-9.

POSTERS

Savari O, **Jassim SH**, Ganessan Santhi. Role of CD68 immunohistochemistry in categorizing benign non-mesothelial cell population in fluid cytology. Accepted for poster presentation for ASC's 67th Annual Scientific Meeting. Salt Lake City, UT, November 14-17, 2019.

Jassim SH, Boyer Dan. CD38 expression after daratumumab is associated with interval after therapy, bone marrow cellularity and extramedullary disease. Accepted Poster for USCAP19, March 20th, 2019. National Harbor, MD.

Jassim SH, Khiyami Amer, Somach Stephen. Atypical Cellular Neurothekeoma of the Eyelid, A Rare Presentation of a Recurrent Neoplasm. Published Poster and presented at CAP18, October 20th-24th, 2018. Chicago, IL.

Jassim SH; Nguyen JK; Khiyami A; Ganesan S; Tomashefski J. Jr.; Sawady J. Concordant Clear Cell "Mesonephric" Carcinoma of the Bladder (CCCB) and Lung Adenocarcinoma with Clear Cell Features. Multiple Primaries versus Metastatic Neoplasms, Clinical and Pathological Challenges. Poster presented at CAP 2015. Nashville, TN.

Marwan Ali, Dhara Shah, Assraa Jassim Jaboori, **Jassim SH**, Sandeep Jain, Pete Setabutr, Vinay K. Aakalu. Stem Cell Marker Expression in Accessory Lacrimal Gland as a Function of Patient Characteristics. Published Posterboard #: D0096. Abstract Number: 2492 - D0096. Poster presented at ARVO. 2015 May 4th. Denver, CO.

Jassim SH, Joshua Hou, Elen Shorter, Maria S Cortina. Contact Lenses in Patients with Boston Keratoprosthesis Implants: Do they Play a Role in Surface Inflammation? Published Poster and presented at AAO. October 17-21. Chicago, Illinois, 2014.

Jassim SH, Lin A, Setabutr P, Jain S, Aakalu V (2014). Tissue Microarray Analysis of Stem Cell Marker Positive Cells in Human Accessory Lacrimal Glands from Muller Muscle Conjunctival Resection Specimens. Poster presented at ARVO 2014.3116 - A0286.

Aakalu V, **Jassim SH**, Lin A, Setabutr P, Jain S (2014). Accessory Lacrimal Gland Gene Expression from Human Muller Muscle Conjunctival Resection Specimens obtained Via Laser Capture Microdissection. Poster presented at ARVO 2014.3115 - A0285.

Tibrewal S, Sarkar J, **Jassim SH**, Ivanir Y, Kim E, Byun YS, Wahood R, Chaudhary S, Leonard K, Jain S (2014). Non-Self Extracellular DNA (eDNA) May Potentiate Inflammation and Severity of Dry Eyes in Patients with Chronic Ocular Graft Versus Host Disease (GVHD). Poster presented at ARVO 2014.2008 - B0307

Ivanir Y, Tibrewal S, Sarkar J, Kim E, **Jassim SH**, Sonawane S, Byun YS, Wahood R, Schneider L, Jain S(2014). Neutrophil Extracellular Traps accumulate on ocular surface of Dry Eye Disease patients: Potential for a new therapeutic strategy using DNase I eye drops. Poster presented at ARVO 2014.3685 - A0199.

Cortina MS, Jaboori JHA, Gandhi S, Tibrewal S, **Jassim SH**. Biofilm forming ability of bacterial strains isolated from the surface of implanted Boston type 1 keratoprosthesis. Poster presented at the Annual Meeting American Academy of Ophthalmology; New Orleans, LA, 2013.

Jassim SH, Lin A, Setabutr P, Jain S, Aakalu V. Identification of Stem Cell Marker Positive Cells in Accessory Lacrimal Glands (ALGs) From Human Muller Muscle Conjunctival Resection (MMCR) Specimens. Poster presented at the American Association of Ophthalmic Oncology and Pathology/Annual Meeting, New Orleans, LA, 2013.

Gandhi S, Sarkar J, Chamon W, Chaudhary S, Tibrewal S, Byun Y, **Jassim SH**, Sharma A, Mohindra N, Jain S. CD11b+GRI+Myeloid Cells Promote Trigeminal Ganglion Neurite Growth: Implications for Corneal Nerve Regeneration. Poster presented at the Association for Research in Vision and Ophthalmology/2013 Annual Meeting; Seattle, WA, 2013. 3884 - D0128

Hallak J, **Jassim SH**, Jain S. Symptom Burden of Patients with Dry Eye Disease: A Four Domain Analysis. Poster presented at the Association for Research in Vision and Ophthalmology, Annual Meeting; Seattle, WA, 2013. 960 - B0265.

Jassim SH, Namavari A, Chaudhary S, Tibrewal S, Byun Y, Gandhi S, Mohindra N, Lee N, Sarkar J, Jain S. Semaphorin 7a Actions on Nerves and Myeloid Cells in the Cornea Promote Nerve Regeneration, thus Linking Neuronal and Myeloid Systems. Poster presented at the Association for Research in Vision and Ophthalmology/2013 Annual Meeting; Seattle, WA, 2013. 3885 - D0129.

PRESENTATIONS

Jassim SH (2014). Cell Receptor Profiling and Gene Expression in Human Accessory Lacrimal Glands. University of Illinois at Chicago, Department of Ophthalmology and Visual Sciences. Presented lecture for the Resident Alumni Day Conference, Chicago, IL, 2014

Cortina MS, **Jassim SH**, Jimenez J, Jaboori HJA, Federle MJ (2013). Biofilm forming capability and relative tolerance to Vancomycin of bacterial isolates colonizing the ocular surface of patients with Boston type 1 Keratoprosthesis. Oral Presentation presented at Ocular Immunology and Microbiology Group / American Academy of Ophthalmology (AAO); New Orleans, LA, 2013.

EXHIBITS

Jassim SH, Tomashefski J Jr (2018). Mediastinal solitary fibrous tumor, nodular pulmonary amyloidosis, interstitial disease due to collagen vascular disease. Discussed pathology of three interesting cases. Citywide Chest Conference. Metrohealth Medical Center, Cleveland, OH. 06/06/2018.

Jassim SH, Roy T., Tomashefski J. Jr. (2017). Infarcted Neuroendocrine Tumor Following Endobronchial Ultrasound Guided Fine Needle Aspiration of a Pulmonary Nodule: Typical Versus Atypical Carcinoid, A Pathological Diagnostic Dilemma. 2017. Human Pathology: Case Reports, 2017 (8): 65-68.