

## Publications

### 2023

**Yakoub MA**, Torrence D, Hwang S, Bartelstein M, Healey JH, Hameed M. Giant-cell-poor giant cell tumor of bone: report of two cases and literature review. *Skeletal Radiol.* 2023 Sep;52(9):1791-1798. Epub 2023 Feb 14. PMID: 36781420.

Fujiwara T, Zhang L, Chandler A, Sung S, **Yakoub M**, Linkov I, Hameed M, Healey JH. Cathepsin protease expression in infiltrative soft tissue sarcomas: cathepsin-K correlates with infiltrative tumor growth and clinical outcomes. *Hum Pathol.* 2023 Apr;134:30-44. PMID: 36565726.

Wu W, Lu P, Patel P, Ma J, Cai KQ, **Mallikarjuna VS**, Poureghbali S, Nakhoda S, Nejati R, and Wang YL. SHP1 loss augments DLBCL cellular response to ibrutinib: a candidate predictive biomarker. *Oncogene* 42:409-420, 2023.

### 2022

**Reno ML**, Cox CR, Powell EA. Parvovirus B19: a Clinical and Diagnostic Review. *Clinical Microbiology Newsletter* 44.12 (2022): 107-114.

Muller C, Yamada A, **Ikegami S**, Haider H, Komaki Y, Komaki F, Micic D, Sakuraba A. Risk of colorectal cancer in serrated polyposis syndrome: a systematic review and meta-analysis. *Clin Gastroent Hepatol.* 2022 Mar;20(3):622-630.e7. PMID: 34089849

Chandler AC, **Yakoub M**, Fujiwara T, Donlin LT, Purdue PE, Healey JH. Neoplastic synovial lining cells that coexpress podoplanin and CD90 overproduce CSF-1, driving tenosynovial giant cell tumor. *J Orthop Res.* 2022 Aug;40(8):1918-1925 PMID: 34855235.

Bartelstein MK, Forsberg JA, Lavery JA, **Yakoub MA**, Akhnouk S, Boland PJ, Fabbri N, Healey JH. Quantitative preoperative patient assessments are related to survival and procedure outcome for osseous metastases. *J Bone Oncol.* 2022 May 13;34:100433. PMID: 35615081.

### 2021

Belzarena A.C., Elalfy M.A., **Yakoub M.A.**, Healey J.H. Molded, Gamma-radiated, Argon-processed Polyethylene Components of Rotating Hinge Knee Megaprotheses Have a Lower Failure Hazard and Revision Rates Than Air-sterilized, Machined, Ram-extruded Bar Stock Components. *Clin Orthop Relat Res.* 2021 Jan 1; 479(1):95-101. PMID: 33369586.

Christ AB, Fujiwara T, **Yakoub MA**, Healey JH. Interlocking reconstruction-mode stem-sideplates preserve at-risk hips with short residual proximal femora. *Bone Joint J.* 2021 Feb;103-B(2):398-404. PMID: 33517739.

Ogura K, **Yakoub MA**, Christ AB, Fujiwara T, Nikolic Z, Boland PJ, Athanasian EA, Healey JH. The critical difference in the DASH (Disabilities of the Arm, Shoulder, and Hand) outcome measure after essential upper extremity tumor surgery. *J Shoulder Elbow Surg.* 2021 Jan 20:S1058-2746(21)00018- 5. PMID: 33484830.

Ogura K., **Yakoub M.A.**, Boland P.J., Healey J.H. Finn/Orthopaedic Salvage System Distal Femoral Rotating-Hinge Megaprotheses in Oncologic Patients: Long-Term Complications, Reoperations, and Amputations. *J Bone Joint Surg Am.* 2021 Apr 21;103(8):705-714. PMID: 33411462.

**Ikegami S**, Benirschke R, Fakhrai-Rad H, Motamedi M, Hockett R, David S, Lee HK, Kang J, Gniadek TJ. Target Specific Serologic Analysis of COVID-19 Convalescent Plasma. *PLoS One.* 2021 Apr 28;16(4). PMID: 33909632

Klein T, Elue R, **Ikegami S**, Mikkelsen C, Wright G, Mallek J, Kang J, Sullivan DJ, Gniadek TJ. Rapidly Establishing a Hospital-Based Convalescent Plasma Collection Center with the Alyx Apheresis Collection Device. *Academic Pathology.* 2021 Feb 10. PMID: 33623818

## **2020**

Nelson AS, Heyenbruch D, Rubinstein JD, Sabulski A, Jodele S, Thomas S, Lutzko C, **Zhu X**, Leemhuis T, Cancelas JA, Keller M, Bollard CM, Hanley PJ, Davies SM, Grimley MS. Virus-specific T-cell therapy to treat BK polyomavirus infection in bone marrow and solid organ transplant recipients. *Blood Adv.* 2020, 4(22): 5745-5754.

Rubinstein JD, **Zhu X**, Lutzko C, Leemhuis T, Cancelas JA, Jodele S, Bollard CM, Hanley PJ, Davies SM, Grimley MS, Nelson AS. Complement inhibition does not impair the clinical antiviral capability of virus-specific T-cell therapy. *Blood Adv.* 2020, 4(14): 3252-3257.

Laskin BL, Denburg MR, Furth SL, Moatz T, Altrich M, Kleiboeker S, Lutzko C, **Zhu X**, Blackard JT, Jodele S, Lane A, Wallace G, Dandoy CE, Lake K, Duell A, Litts B, Seif AE, Olson T, Bunin N, Davies SM. The natural history of BK polyomavirus and the host immune response after stem cell transplantation. *Clin Infect Dis.* 2020, 71(12): 3044-3054.

Verma AK, Kandikattu HK, Manohar M, Shukla A, Venkateshaiah SU, **Zhu X**, Mishra A. Interstitial overexpression of IL-18 promotes eosinophils-mediated allergic disorders. *Immunology.* 2019, 157(2): 110-121.

Fujiwara T, **Yakoub MA**, Chandler A, Christ AB, Yang G, Ouerfelli O, Rajasekhar VK, Yoshida A, Kondo H, Hata T, Tazawa H, Dogan Y, Moore MAS, Fujiwara T, Ozaki T, Purdue E, Healey JH. CSF-1/CSF-1R Signaling Inhibitor Pexidartinib (PLX3397) Reprograms Tumor-Associated Macrophages and Stimulates T-Cell Infiltration in the Sarcoma Microenvironment. *Mol Cancer Ther.* 2021 Jun 4:mol can ther.0591.2020. PMID: 34088832.

Ogura K, Bartelstein MK, **Yakoub MA**, Nikolic Z, Boland PJ, Healey JH. Minimal clinically important differences in SF-36 global score: Current value in orthopedic oncology. *J Orthop Res.* 2020 Dec 8. PMID: 33617087.

Ogura K., **Yakoub M.A.**, Christ A.B., Fujiwara T., Nikolic Z., Boland P.J., Healey J.H. What Are the Minimum Clinically Important Differences in SF-36 Scores in Patients with Orthopaedic Oncologic Conditions? *Clin Orthop Relat Res.* 2020 Sep; 478(9):2148-2158. PMID: 32568896.

**Ikegami S**, Benirschke R, Flanagan T, Tanna N, Klein T, Elue R, Deboz P, Mallek J, Wright G, Guariglia P, Kang J, Gniadek TJ. Persistence of SARS-CoV-2 Nasopharyngeal Swab PCR Positivity in COVID-19 Convalescent Plasma Donors. *Transfusion.* 2020 Aug 24. PMID: 32840002

Kam KL, Appin C, Mao Q, **Ikegami S**, Lukas RV, Nikiforova NM, Roy S, Brat D, Horbinski MC. Is Next-Generation Sequencing Alone Sufficient to Reliably Diagnose Gliomas? *Journal of Neuropathology & Experimental Neurology*, 2020 Jul; 79(7):763-766. PMID: 32483596

Prenner SB, Pillutla R, Yenigalla S, **Gaddam S**, Lee J, Obeid MJ, Ans AH, Jehangir Q, Kim J, Zamani P, Mazurek JA, Akers SR, Chirinos JA. Serum albumin is a marker of myocardial fibrosis, adverse pulsatile aortic hemodynamics, and prognosis in heart failure with preserved ejection fraction. *J Am Heart Assoc.* 2020 Feb 4;9(3): e014716. doi: 10.1161/JAHA.119.014716. Epub 2020 Feb 3. PMID: 32009529; PMCID: PMC7033884

## **2019**

Winer LK, Hinrichs BH, Lu S, Hanseman D, **Huang Y**, Reyna C, Lewis J, Shaughnessy E. Flat epithelial atypia and the risk of sampling error: Determining the value of excision after image-guided biopsy. *Am J Surg.* 2019;218(4), 730-736.

## **Book Chapters**

**2023**

**Yakoub MA**, Sharma D. (2023). Portal Hypertensive Gastropathy. Pathology Outlines.com.

**2022**

**Zhu X**, Zimmermann N. Detection of eosinophils in tissue sections by immunohistochemistry. Methods Mol Biol 2022; 2506:199-209.