



JBC Monthly Newsletter

November 2023

JBC UPDATES

- After her promotion to Vice President of Personalized Medicine at MGB, **Dr. Elizabeth Karlson** has decided to transition from her multi-PI role to Associate Director within the JBC Team. Thank you, Dr. Karlson, for all you have done to establish and evolve the JBC!
- The **JBC Synergy Meeting** will resume on December 15th 12:30-1:30 (Zoom) with speakers:
 - **Julia Charles M.D., Ph.D.** (BWH) “Osteoclasts in bone disease”
 - **Julio Enrique Castañeda-Delgado, Ph.D.** (BWH) “GPR15 in rheumatoid arthritis pathology”

JBC MEMBER NEWS

- **Holly Wobma** (BCH): Marshall J. Schiff MD Memorial Fellow Research Award for her ACR abstract
- **Mariana Correia Marques** (NIH/Children’s National Pediatric Fellow): ACR Distinguished fellow award

JBC MEMBER PUBLICATIONS

- Humphrey MB, Russell L, Danila MI, Fink HA, Guyatt G, Cannon M, Caplan L, Gore S, Grossman J, Hansen KE, Lane NE, Ma NS, Magrey M, McAlindon T, Robinson AB, Saha S, Womack C, Abdulhadi B, **Charles JF**, Cheah JTL, Chou S, Goyal I, Haseltine K, Jackson L, Mirza R, Moledina I, Punni E, Rinden T, Turgunbaev M, Wysham K, Turner AS, Uhl S. 2022 American College of Rheumatology Guideline for the Prevention and Treatment of Glucocorticoid-Induced Osteoporosis. *Arthritis Rheumatol.* 2023 Oct 16;. doi: 10.1002/art.42646. [Epub ahead of print] PubMed PMID: 37845798.
- Seyok T, Collins JE, Erikson SJ, **Charles JF**, Earp BE. Future Fracture Risk in Upper Extremity Fracture and Non-Fracture Patients. *Hand (N Y).* 2023 Oct;18(7):1095-1101. doi: 10.1177/15589447211049521. Epub 2022 Feb 26. PubMed PMID: 35220774.
- Fricke HP, Krajco CJ, Perry MJ, Reisner MA, Brettingen LJ, Wake LA, **Charles JF**, Hernandez LL. In utero, lactational, or peripartal fluoxetine administration has differential implications on the murine maternal skeleton. *Physiol Rep.* 2023 Oct;11(19):e15837. doi: 10.14814/phy2.15837. PubMed PMID: 37813559

The JBC Team:

- Peter Nigrovic, M.D.
Director (BCH & BWH)
- Elizabeth Karlson, M.D., M.S.
Associate Director
- Jeffrey Sparks, M.D., M.M.Sc.
Multi-PI, Associate Director

Human Biosamples Core:

- Jeffrey Sparks, M.D., M.M.Sc.
Director
- Lauren Henderson, M.D., M.M.Sc.
Associate Director BCH
- Deepak Rao, M.D., Ph.D.
Associate Director

Cellular Systems Core:

- Jim Lederer, Ph.D.
Director
- Kevin Wei, M.D., Ph.D.
Associate Director
- Maria Gutierrez-Arcelus, Ph.D.
Associate Director

- Tsikis ST, Klouda T, Hirsch TI, Fligor SC, Liu T, Kim Y, Pan A, Quigley M, Mitchell PD, Puder M, **Yuan K**. A pneumonectomy model to study flow-induced pulmonary hypertension and compensatory lung growth. *Cell Reports Methods*. 2023;3(10):100613. doi:10.1016/J.CRMETH.2023.100613. PubMed PMID: 37827157
- Kowalski EN**, Wang X, Patel NJ, Kawano Y, Cook CE, Vanni KMM, Qian G, Bade KJ, Srivatsan S, Williams ZK, **Wallace ZS**⁺, **Sparks JA**⁺. Risk factors and outcomes for repeat COVID-19 infection among patients with systemic autoimmune rheumatic diseases: A case-control study. *Semin Arthritis Rheum*. 2023 Oct. doi: 10.1016/j.semarthrit.2023.152286 (+co-senior author)
- Edelstein GE, Boucau J, Uddin R, Marino C, Liew MY, Barry M, Choudhary MC, Gilbert RF, Reynolds Z, Li Y, Tien D, Sagar S, Vyas TD, Kawano Y, **Sparks JA**, Hammond SP, **Wallace ZS**, Vyas JM, Barczak AK, Lemieux JE, Li JZ, Siedner MJ. SARS-CoV-2 virologic rebound with nirmatrelvir-ritonavir therapy. *Ann Intern Med*. 2023 (In Press).
- **Mueller AA**, Sasaki T, Keegan JW, Nguyen JP, Griffith A, Horisberger AM, Licata T, Fieg E, Cao Y, Elahee M, Marks KE, Simmons DP, Briere LC, Cobban LA, Pallais JC, High FA, Walker MA, Linnoila JJ, **Sparks JA**, Holers VM, Costenbader KH, Undiagnosed Disease Network, Sweetser DA, Krier JB, Loscalzo J, **Lederer JA**, **Rao DA**. High-dimensional immunophenotyping reveals immune cell aberrations in patients with undiagnosed inflammatory and autoimmune diseases. *J Clin Invest*. 2023 Oct 24:e169619. doi: 10.1172/JCI169619. Online ahead of print. PMID: 37874643

OPEN POSITIONS

Please let us know if you would like your open positions posted here!