



JBC Monthly Newsletter

October 2021

JBC UPDATES

- Next **JBC Aims Review Committee meeting** will be on November 1st, 12-1 p.m. Eastern Time via Zoom. If you are not on the ARC email list and wish to be, please email peter.nigrovic@childrens.harvard.edu.
- Next **JBC Synergy Meeting** will be on October 29th, 12:30-1:30 p.m. Eastern Time via Zoom.
Talk 1: TBD
Talk 2: TBD
- Next **JBC Data Club** meeting will be on October 28th. Please email maria.gutierrez-arcelus@childrens.harvard.edu if you want to be added to the JBC Data Club email list, and if you want to present, please provide dates that work for you.
- **JBC Mentorship Program** application deadline is October 15th. Please visit our [website](#) for more information on how to apply.

JBC MEMBER NEWS

- **Peter Nigrovic** (BCH/BWH) was named to the Prince Turki Bin Abdul Aziz Al-Saud Chair in Pediatrics at Harvard Medical School.
- The **Charles Lab** (BWH) was awarded a PEABODY FOUNDATION grant for the project entitled: Probiotics to enhance growth and reduce physical disability in children suffering from cystic fibrosis.
- **Jeffrey Sparks** (BWH) was awarded NIAMS R01 AR077607, “Rheumatoid Arthritis-Related Autoantibodies, Articular Inflammation, and RA-Associated Interstitial Lung Disease”
- The **Ho Lab** (BWH) was awarded a NIH R21 titled "Proteome-wide assessment of the impact of citrullination on the activity of transcription factors in Th2 cells". Also my lab has a post-doc position open to study T cell biology.

The JBC Team:

- Peter Nigrovic, M.D.
Director (BCH & BWH)
- Elizabeth Karlson, M.D.
Director

Human Biosamples Core:

- Elizabeth Karlson, M.D.
Director
- Jeffrey Sparks, M.D., M.M.Sc.
Associate Director BWH
- Lauren Henderson, M.D., M.M.Sc.
Associate Director BCH
- Deepak Rao, MD, PhD
Associate Director

Cellular Systems Core:

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

- **Jordan Roberts** (BCH) received a Lupus Foundation of America 2021 Gary S. Gilkeson Career Development Award, "Assessing the Impact of Immunosuppressants on Infections in Pediatric Lupus."

JBC MEMBER PUBLICATIONS

Zhao S, **Grieshaber-Bouyer R**, **Rao DA**, Kolb P, Chen H, Andreeva I, Tretter T, Lorenz HM, Watzl C, Wabnitz G, Tykocinski LO, **Merkt W**. JAK inhibition prevents the induction of pro-inflammatory HLA-DR+ CD90+ RA synovial fibroblasts by IFN γ . *Arthritis Rheumatol*. 2021 Aug 25. doi: 10.1002/art.41958. Epub ahead of print. PMID: 34435471.

Chang MH, **Levescot A**, Nelson-Maney N, Blaustein RB, Winden KD, Morris A, Wactor A, Balu S, **Grieshaber-Bouyer R**, **Wei K**, **Henderson LA**, Iwakura Y, Clark RA, **Rao DA**, Fuhlbrigge RC, **Nigrovic PA**. Arthritis Flares Mediated by Tissue Resident Memory T Cells in the Joint. *Cell Reports*. 2021 (In Press).

Yeoh SA, Young K, Putman M, Sattui S, Conway R, Graef E, Kilian A, Konig M, **Sparks JA**, Ugarte-Gil M, Upton L, Berenbaum F, Bhana S, Costello W, Hausmann J, Machado P, Robinson P, Sirotych E, Sufka P, Yazdany J, Liew J, Grainger R, Wallace ZS, Jayatilleke A. The impact of rapid adoption of telemedicine on rheumatology trainees during the COVID-19 pandemic. *ACR Open Rheumatol*. 2021 (In Press).

Sattui SE, Conway R, Putman MS, Seet AM, Gianfrancesco MA, Beins K, Hill C, Liew D, Mackie SL, Mehta P, Neill L, Gomez G, Salinas MIH, Maldonado FN, Mariz HA, Samia de Sousa Studart A, Araujo NC, Knight A, Rozza D, Quartuccio L, Samson M, Bally S, Maria ATJ, Chazerain P, Hasseli R, Müller-Ladner U, Hoyer BF, Voll R, Torres RP, Luis M, Riberio SLE, Al-Emadi S, **Sparks JA**, Hsu TY, D'Silva KM, Patel NJ, Wise L, Gilbert E, Almada MV, Duarte-García A, Ugarte-Gil M, Rush S, Jacobsohn L, Izadi Z, Schmajuk G, Katz P, Strangfeld A, Mateus EF, Hyrich KL, Gossec L, Carmona L, Lawson-Tovey S, Kearsley-Fleet L, Schaefer M, Sirotych E, Hausmann JS, Sufka P, Bhana S, Costello W, Liew JL, Grainger R, Machado PM, Wallace ZS, Yazdany J, Robinson PC. Outcomes of COVID-19 infection in patients with primary systemic vasculitis or polymyalgia rheumatica: Results from the COVID-19 Global Rheumatology Alliance Physician Registry. *Lancet Rheumatol*. 2021 (In Press).

Seyok T, Erikson S, **Charles JF**, Earp B. Future fracture risk in upper extremity fracture and non-fracture patients. *Hand*. 2021, in press. *co-senior

Kim PG, Niroula A, Kovalcik V, McConkey M, Lin AE, Slabicki M, Kemmp JP, Bick A, Gibson CJ, Griffin G, Sekar A, Brooks DJ, Wong WJ, Chohen DN, Uddin MM, Shin W, Pirruccello J, Tsai JM, Agrawal M, Kiel DP, Bouxsein ML, Richards JB, Evans DM, Wein MN, **Charles JF**, Jaiswal S, Natarajan P, Ebert BL. Dnmt3a-mutated clonal hematopoiesis promotes osteoporosis. *J Exp Med*. 2021, in press.

Mol S, Hafkamp FMJ, Varela L, Simkhada N, Taanman-Kueter EW, **Tas SW**, Wauben MHM, Groot Kormelink T, de Jong EC. Efficient Neutrophil Activation Requires Two Simultaneous Activating Stimuli. *Int J Mol Sci*. 2021 Sep 18;22(18):10106. doi: 10.3390/ijms221810106. PMID: 34576270.

OPEN POSITIONS

The **Nigrovic lab** (Brigham and Women's Hospital/Boston Children's Hospital) has postdoctoral position open in the areas of megakaryocyte biology and human genetics.

The **Ho Lab** (BWH) has a postdoctoral position open to study T cell biology.