



JBC Monthly Newsletter

April 2021

JBC Updates

- **JBC Microgrant funds will expire on 7/31/2021.** It is the micrograntee's responsibility to ensure that funds for the project are drawn down by the established deadline. Please contact JBC coordinator- Anu Singh at asingh2@bwh.harvard.edu for questions.
- **Next JBC Synergy Meeting** will be on April 30th, 12:30-1:30 p.m. Eastern Time via Zoom.
Talk 1: Dr. Alisa Mueller (BWH), "Stromal Wnt Activity and Function in Chronic Inflammatory States"
Talk 2: Dr. Bryce Binstadt (University of Minnesota), "Noninvasive ultrasound of the spleen to treat inflammatory diseases."
- **Next JBC Aims Review Committee** will be on May 3rd, 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.

JBC Member News

CONGRATULATIONS to **Pierre Cunin** (BWH) and Lucie Cunin on the birth of their son Joseph!

Anna Helena Jonsson (BWH) won the 2021 Young Mentor Award from Harvard Medical School.

Dr. Tom Law (Oxford University) has been conferred the title of Honorary Senior Clinical Lecturer in Rheumatology at University of Oxford.

Francesco Boin and **Deepak Rao** (BWH) as Co-PIs received the Translational Research Partnership Award from the U.S. Department of Defense (DoD) Scleroderma Research Program, "Cytotoxic CD8 T-Cell Subsets in Scleroderma Lung Disease"

Maria Gutierrez-Arcelus (BCH) was awarded the Boston Children's Hospital Faculty Career Development Award for her proposal "B cell activation via the B-cell receptor and Toll-like receptor pathways to reveal genetic heterogeneity in Systemic Lupus Erythematosus."

The JBC Team:

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

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

Cellular Systems Core:

- **Jim Lederer, Ph.D.**
 Director
- **Peter Nigrovic, M.D.**
 Associate Director
- **Kevin Wei, M.D., Ph.D.**
 Associate Director

JBC MEMBER PUBLICATIONS

Hsu TY, D'Silva KM, Patel NJ, Fu X, Wallace ZS, **Sparks JA**. Incident systemic rheumatic disease following COVID-19. *Lancet Rheumatol*. 2021 (In Press).

Fraenkel L, Bathon JM, England BR, St. Clair EW, Arayssi A, Carandang K, Deane K, Genovese M, Huston KK, Kerr G, Kremer J, Nakamura MC, Russell LA, Singh JA, Smith BJ, **Sparks JA**, Venkatachalam S, Weinblatt ME, White D, Al Gibbawi M, Baker JF, Barbour K, Barton J, Cappelli L, Chamseddine F, George M, Johnson S, Kahale L, Karam BS, Khamis AM, Navarro Millan I, Mirza R, Schwab P, Singh N, Turgunbaev M, Turner AS, Yaacoub S, Akl EA. 2021 American College of Rheumatology Guideline for the Treatment of Rheumatoid Arthritis. *Arthritis Rheumatol*. 2021 (In Press).

Putman M, Sattui SE, **Sparks JA**, Liew JW, Grainger R, Duarte-García A. Evidence in the time of COVID-19. *Arthritis Rheumatol*. 2021 (In Press).

Wacleche VS, Wang R, **Rao DA**. Identification of T peripheral helper (Tph) cells. *Methods in Molecular Biology*. 2021 (In Press).

Cheung P, Schaffert S, Chang SE, Dvorak M, Donato M, Macaubas C, Foecke MH, Li T-M, Zhang L, Coan JP, Schulert GS, Grom AA, **Henderson LA**, **Nigrovic PA**, Elias JE, Gozani O, Mellins ED, Khatri P, Utz PJ, Kuo AJ. Repression of CTSG, ELANE, and PRTN3-mediated histone H3 proteolytic cleavage promotes monocyte-to-macrophage differentiation. *Nature Immunol*. 2021 (In Press).

OPEN POSITIONS

The **Nigrovic lab** (Boston Children's Hospital) has postdoctoral positions open in the area of neutrophil biology and human genetics.

The **Shelef lab** (University of Wisconsin - Madison) has a postdoctoral position open in the area of autoantibodies.

The **Wei lab** (Brigham and Women's Hospital) has a postdoctoral position open for project- Spatial transcriptomics and stromal cell biology.