



JBC Monthly Newsletter

February 2022

JBC UPDATES

- Next **JBC Synergy Meeting** will be on February 18, 12:30-1:30 p.m. Eastern Time via Zoom.
Talk 1: Edy Kim (BWH): Bedside to single-cell to bench: Inflammatory pulmonary fibrosis & RA-ILD
Talk 2: Janet Chou (BCH): Mechanisms of T cell co-stimulation: the role of the volume-regulated anion channel subunit LRRC8A in T cell-driven diseases
- Next **JBC Data Club** meeting will be on February 17th. 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 MEMBER NEWS

- The laboratory of **I-Cheng Ho** (BWH) has been awarded a NIH R21 grant titled “Functional analysis of SIRPG, a T cell-specific autoimmune gene” with **Dr. Soumya Raychaudhuri** as the co-investigator.
- **Ivan Zanoni** (BCH) has been elected to the Henry Kunkel Society
- **Peter Nigrovic** (BCH/BWH) has been elected to the Association of American Physicians (AAP)
- **Maria Taylor** from the Henderson Lab is running the Boston Marathon for Boston Children's Hospital "Miles for Miracles" charity team. Please see the fundraiser poster attached at the end of the newsletter.

The JBC Team:

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

JBC MEMBER PUBLICATIONS

Ugarte-Gill MF, Alarcon GS, Seet AM, Izadi Z, Duarte-Garcia A, Gilbert EL, Valenzuela-Almada MO, Wise L, **Sparks JA**, Hsu TY, D'Silva KM, Patel NJ, Sirolich E, Liew JW, Hausmann JS, Sufka P, Grainger R, Bhana S, Costello W, Wallace ZS, Jacobsohn L, Strangfeld A, Mateus EF, Hyrich KL, Gossec L, Carmona L, Lawson-Tovey S, Schaefer M, Machado PM, Robinson PC, Gianfrancesco M, Yazdany J. Characteristics Associated with Poor COVID-19 Outcomes in Individuals with Systemic Lupus Erythematosus: Data from the COVID-19 Global Rheumatology Alliance. *Ann Rheum Dis.* 2022 (In Press).

Mergaert AM, Zheng Z, Denny MF, Amjadi MF, Bashar SJ, Newton MA, Malmström V, Grönwall C, McCoy SS, **Shelef MA.** (2022). Rheumatoid factor and anti-modified protein antibody reactivities converge on IgG epitopes. *Arthritis & Rheumatology (Hoboken, N.J.)*, Jan 9. Online ahead of print. (PMC in process).

Mergaert AM, Denny MF, Kingstad-Bakke B, Bawadekar M, Bashar SJ, Warner TF, Suresh M, **Shelef MA.** (2022). Peptidylarginine Deiminase 2 in Murine Antiviral and Autoimmune Antibody Responses. *Journal of Immunology Research*, vol. 2022, Article ID 5258221, 12 pages. (PMC in process).

Grieshaber-Bouyer R*, **, Exner T, Hackert NS, **Radtke FA**, Jelinsky SA, Halyabar O, Wactor A, Karimizadeh E, Brennan J, Schettini J, **Jonsson AH, Rao DA, Henderson LA**, Müller-Tidow C, Lorenz, H-M, Wabnitz G, **Lederer JA**, Hadjipanayis A, **Nigrovic PA***. Aging and interferon gamma response drive the phenotype of neutrophils in the inflamed joint. *Ann Rheum Dis* 2022 in press. (* co-corresponding)

OPEN POSITIONS

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

**I'M RUNNING FOR THE BOSTON CHILDREN'S HOSPITAL
"MILES FOR MIRACLES" TEAM IN THE BOSTON
MARATHON!**



**HELP ME MEET MY \$7,500 FUNDRAISING GOAL
AND SUPPORT KIDS AT BOSTON CHILDREN'S**

DONATE HERE: [HTTP://FUNDRAISE.CHILDRENSHOSPITAL.ORG/GOTO/ROLLICKINGRIA](http://fundraise.childrenshospital.org/goto/rollickingria)
WATCH MY TRAINING HERE: @ROLLICKING_RIA 

**HELP ME RUN FOR THE BOSTON CHILDREN'S
HOSPITAL "MILES FOR MIRACLES" TEAM IN
THE BOSTON MARATHON!**



**miles for
miracles**

Miles for Miracles has raised over \$38 million in the last 20+ years which goes towards the "Every Child Fund" which helps pay for pediatric patient care, support and research at Boston Children's Hospital

DONATE HERE:
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WATCH MY TRAINING HERE: @ROLLICKING_RIA 