



# JBC Monthly Newsletter

October 2023

## JBC UPDATES

The next **JBC Synergy Meeting** is scheduled for Friday October 20, 12:30-1:30, Zoom, with speakers:

- **Nicolaj Hackert** (BCH/Universität Heidelberg) “Shared core transcriptional programs in human and murine neutrophils”
- **Vitor Aguiar, Ph.D.** (BCH) “A multiomics atlas of human B cell activation to decipher Lupus pathogenesis”

## JBC MEMBER NEWS

- On October 1st, **Ricardo Grieshaber-Bouyer, M.D.** joined the Faculty at Friedrich-Alexander-Universität Erlangen-Nürnberg and the Department of Medicine 3 – Rheumatology and Immunology, Erlangen University Hospital as Professor of Clinical Systems Immunology.
- **Jennifer Hanberg** (Team Sparks & Wallace, BWH): Emerging Investigator Excellence Abstract Award for top ACR abstract by trainee in the Epidemiology and Public Health category
- **Pierre-Antoine Juge** (Team Sparks, BWH): Emerging Investigator Excellence Abstract Award for top ACR abstracts by trainee in the Rheumatoid Arthritis – Diagnosis, Manifestations, and Outcomes category as well as the Miscellaneous Rheumatic & Inflammatory Diseases category
- **Rathnam Venkat** (Team Sparks & Wallace, Tufts University School of Medicine/BWH): Rheumatology Research Foundation Medical Student Research Award
- **Abigail Schiff** (Team Sparks & Wallace, BWH/MGH): Rheumatology Research Foundation Resident Research Award

## JBC MEMBER PUBLICATIONS

- **Hackert NS\***, **Radtke FA\***, Exner T\*, Lorenz HM, Mueller-Tidow C, **Nigrovic PA**, Wabnitz G, **Grieshaber-Bouyer R**. Human and murine neutrophils share core transcriptional programs in both homeostatic and inflamed contexts. Nature Communications 2023 (In Press) \*Contributed Equally
- **Kawano Y**, Wang X, Patel NJ, Qian G, Kowalski E, Bade KJ, Vanni KMM, Jonsson AH, Williams ZK, Cook CE, Srivatsan S, **Wallace ZS\***, **Sparks JA\***. Breakthrough COVID-19 after

### The JBC Team:

- **Peter Nigrovic, M.D.**  
Director (BCH & BWH)
- **Elizabeth Karlson, M.D.**  
Co-PI, Associate Director
- **Jeffrey Sparks, M.D., M.M.Sc.**  
Co-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, MD, PhD**  
Associate Director

### Cellular Systems Core:

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

tixagevimab/cilgavimab among patients with systemic autoimmune rheumatic diseases. *J Rheumatol.* 2023 (In Press). \***Co-senior authors.**

- Wang Q, Martínez-Bonet M, Kim T, **Sparks JA**, Ishigaki K, Chen X, Sudman M, **Gutierrez-Arcelus M**, Prahalad S, **Raychaudhuri S**, Weirauch MT, Langefeld CD, Thompson SD, **Nigrovic PA**. Identification of a regulatory pathway governing TRAF1 via an arthritis-associated non-coding variant. *Cell Genom.* 2023 (In Press).
- **Doyle TJ**, Juge PA, Peljto A, Lee S, Walts A, Esposito AJ, Poli de Frias S, Gill RR, Hatabu H, Nishino M, **Dellaripa PF**, **Weinblatt ME**, **Shadick NA**, Demoruelle MK, **Sparks JA**, Rosas IO, Granger B, Deane K, Crestani B, Wolters PJ, Dieude P, Lee JS. Short peripheral blood leukocyte telomere length in rheumatoid arthritis-interstitial lung disease. *Thorax.* 2023 (In Press).
- **Hanberg JS**, Fu X, Wang X, Patel NJ, **Kawano Y**, Schiff A, Kowalski EN, Cook CE, Vanni KMM, Guzzo K, Qian G, Bade KJ, Saavedra A, Venkat R, Srivatsan S, Zhang Y, **Sparks JA\***, **Wallace ZS\***. Effectiveness of a fourth dose of COVID-19 mRNA vaccine in patients with systemic autoimmune rheumatic diseases using disease-modifying antirheumatic drugs: An emulated target trial. *Lancet Rheumatol.* 2023 (In Press). \***Co-senior authors.**

## OPEN POSITIONS

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