



JBC Monthly Newsletter

July 2024

JBC UPDATES

- The **JBC Synergy Meeting** is off for summer break and will be returning in **September!**

JBC MEMBER NEWS

- Congratulations to **Novalia Pishesha, PhD** (BCH) who has been promoted to Assistant Professor of Pediatrics at Harvard Medical School.
- **Julia Kühn** (BCH, **Nigrovic** lab) has been awarded a Deutsche Forschungsgemeinschaft (DFG) Walter Benjamin Fellowship for her proposal “Neutrophil emperipolesis as a modulator of platelet function”.

JBC MEMBER PUBLICATIONS

- de Wit M, Aouad K, Elhai M, Benavent D, Bertheussen H, Blackburn S, Böhm P, Duarte C, Falahee M, Karlfeldt S, Kiltz U, Mateus EF, Richards DP, Rodríguez-Carrío J, Sagen J, Shumnalieva R, Stones SR, **Tas SW**, Tillett W, Vieira A, Wilhelmer TC, Zabalan C, Primdahl J, Studenic P, Gossec L. EULAR recommendations for the involvement of patient research partners in rheumatology research: 2023 update. *Ann Rheum Dis.* 2024 Jun 14;ard-2024-225566. doi: 10.1136/ard-2024-225566. Epub ahead of print. PMID: 38876509.
- Venkat RK, Hayashi K, **Juge PA**, **McDermott G**, Paudel M, Wang X, Vanni KMM, Kowalski EN, Qian G, Bade KJ, Saavedra AA, Mueller KT, Chang SH, **Dellaripa PF**, **Weinblatt ME**, **Shadick NA**, **Doyle TJ**, **Dieudé P**, **Sparks JA**. Forced vital capacity trajectories and risk of lung transplant and ILD-related mortality among patients with rheumatoid arthritis-associated interstitial lung disease. *Clin Rheumatol.* 2024 Jun 19. doi: 10.1007/s10067-024-07028-w. Online ahead of print.
- Kamiya M, Carter H, Espindola MS, **Doyle TJ**, Lee JS, Merriam LT, Zhang F. Kawano-Dourado L, **Sparks JA**, Hogaboam CM, Moore BB, Oldham JM, Kim EY. Immune mechanisms in fibrotic interstitial lung disease. *Cell.* 2024 (In Press).
- Rossato SL, Oakes EG, Barbhैया M, **Sparks JA**, Malspeis S, Willett WC, Khandpur N, **Costenbader KH**. Ultra-processed food intake and risk of systemic lupus erythematosus among women followed in the Nurses' Health Study cohorts. *Arthritis Care Res.* 2024 (In Press).
- **Kohlgruber, A.C.**, Dezfulian, M.H., Sie, B.M., Wang, C.I., Kula, T., Laserson, U., Larman H.B., **Elledge, S.J.**. High-throughput discovery of MHC class I- and II-restricted T cell epitopes using synthetic cellular circuits. *Nat Biotechnol* (2024). <https://doi.org/10.1038/s41587-024-02248-6>

The JBC Team:

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

OPEN POSITIONS

The Nigrovic lab (BCH) is seeking new postdoctoral fellows in the fields of (1) non-coding genetic variants in human autoimmunity and (2) megakaryocyte-neutrophil emperipolesis using 2-photon microscopy and other methods. Please direct inquiries to peter.nigrovic@childrens.harvard.edu.

The Chang Lab is hiring for a postdoctoral position in the areas of T cell biology and human and animal models of arthritis. Please direct inquiries to margaret.chang@childrens.harvard.edu.

The Kohlgruber Lab is hiring for a postdoctoral position in the areas of T cell antigen discovery and biology in rheumatoid arthritis. Please direct inquiries to ayano.kohlgruber@childrens.harvard.edu.

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