



JBC Monthly Newsletter

April 2025

JBC UPDATES

- The **2025 JBC Visiting Professor** is **Dr. Christopher Ritchlin**, from the University of Rochester. On April 15 he will be delivering BWH/MGH/BCH Combined Rheumatology Grand Rounds and a lunch seminar, followed by individual visits and a meeting with fellows.

4/15 8am: “Translational perspectives on Psoriatic Disease”

Join Zoom Meeting

<https://partners.zoom.us/j/8611187771>

ENTER PASSCODE 02115

4/15 12:15pm: “Mechanistic Landscapes in AxSpA and PsASpA” (no Zoom)

- There is no **JBC Synergy Meeting** this month. We will resume on **May 30th** with talks TBA.

JBC MEMBER NEWS

- **Dr. Deepak Rao** (BWH) has received the **Lupus Insight Prize for 2025** from the Lupus Research Alliance, awarded to an outstanding investigator with a documented record of creativity and innovation who has made a novel research discovery in scientific domains relevant to lupus within the previous five years.
- **Dr. Peter Nigrovic** (BCH/BWH) and Co-I **Dr. Maria Gutierrez-Arcelus** (BCH) were awarded NIH/NIAMS grant 2R01AR073201 “Bridging the gap between GWAS and mechanism in arthritis”, leveraging the JBC Recruitment Core led by **Dr. Jeffrey Sparks**.
- **Dr. Julia Charles** (BWH) and Dr. Lisa Henske (BWH) were awarded the Innovation Evergreen Fund award for their project “Maximizing the matrix to build bone: Novel Role of the TSC-mTOR-TFEB axis in collagen deposition.”
- Congratulations to **Dr. Pui Lee** (BCH), who has been named to the editorial board of the *Journal of Allergy and Clinical Immunology*.

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

JBC MEMBER PUBLICATIONS

- Titi AH, Krisko BT, Bashar SJ, Adyniec RR, Parker MH, Murren NF, Myhr CB, **Shelef MA**. Rheumatoid arthritis-associated rheumatoid factors post-COVID-19. *Front Immunol.* 2025;16:1553540. PMID: 40018049.
- Pinezich, M. R., O'Neill, J. D., Guenthart, B. A., Kim, J., Vila, O. F., Ma, S. P., Chen, Y. W., Hozain, A. E., Krishnan, A., Fawad, M., Cunningham, K. M., **Wobma, H. M.**, Van Hassel, J., Snoeck, H. W., Bacchetta, M., & Vunjak-Novakovic, G. (2025). Theranostic methodology for ex vivo donor lung rehabilitation. *Med (New York, N.Y.)*, 100644. Advance online publication. <https://doi.org/10.1016/j.medj.2025.100644> . PMID: 40154476
- **Leite CBG**, Fricke HP, Tavares LP, Nshimiyimana R, Mekhail J, Kilgallen E, Killick F, Whalen JD, Lehoczy JA, Serhan CN, **Charles JF***, **Lattermann C***. Maresin 1-LGR6 axis mitigates inflammation and posttraumatic osteoarthritis after transection of the anterior cruciate ligament in mice. *Osteoarthritis Cartilage.* 2025 Mar 24:S1063-4584(25)00869-6. doi: 10.1016/j.joca.2025.03.005. Epub ahead of print. PMID: 40139646. *co-senior
- Seyok T, Collins JE, Hodys C, Erikson SJ, Perez Menendez S, Earp BE, **Charles JF**. Factors Associated With Nonattendance for Osteoporosis Evaluation Following Fragility Fracture. *J Osteoporos.* 2024 Nov 29;2024:5602020. doi: 10.1155/joos/5602020. PMID: 39650280; PMCID: PMC11625084.
- Mahajan A, Viola M, Ellen J, Piette EW, LaChance AH, **Sparks JA**. Rituximab vs cyclophosphamide for cancer risk in ANCA-associated vasculitis. *Rheumatology.* 2025 Mar 24:keaf167. doi: 10.1093/rheumatology/keaf167. Online ahead of print.
- **Sparks JA**, Singh N. Tumour necrosis factor inhibitor safety in rheumatoid arthritis with early-stage cancer. *Lancet Rheumatol.* 2025 (In Press).

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 to study T cell biology in human and animal models of disease. Preference for applicants with experience in computational biology and molecular biology with an interest in immunology. Please direct inquiries to margaret.chang@childrens.harvard.edu.

The Hoover Lab at Brigham and Women's Hospital (BWH) is seeking postdoctoral fellows specializing in macrophage biology in tissues affected by autoimmune conditions. The research will utilize genomic approaches with primary human cells and mouse models. For inquiries, please contact phoover@bwh.harvard.edu.

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