



JBC Monthly Newsletter

December 2019

JBC Updates

- Congratulations to **Kevin Wei, Ilya Korsunsky, Soumya Raychaudhuri, Michael B. Brenner** and colleagues for their new paper on synovial fibroblasts newly accepted at *Nature*.
- **Next JBC Synergy Meeting** will be on December 20th, 12:30-1:30 p.m. (Marshall A. Wolf Conference Center (60 Fenwood Rd) 3rd Floor). Speakers are David Legares, PhD and Wolfgang Merkt, MD, who will be discussing topics related to fibroblasts in RA.
- **Next Aims Review Committee Meeting** will be held on January 23rd. If there is a need to schedule one sooner, please let Peter know at pnigrovic@bwh.harvard.edu.
- We are delighted to announce the **11 Mentees-Mentors matches** for the 2019 Cycle I. Mentees, please be sure to reach out and schedule a time to meet.

	Mentees	Mentors
1	Dr. Joerg Ermann	Dr. Daniel Solomon
2	Dr. Dinah Foer	Dr. Katherine Liao
3	Dr. Amelie Jule	Dr. Deepak Rao
4	Dr. Lily Li	Dr. Elizabeth Karlson
5	Dr. Alisa Mueller	Dr. David Moody
6	Dr. Vanessa Wacleche	Dr. Julia Charles
7	Dr. Tiffany Hsu	Dr. Paul Anderson
8	Dr. Kiki Cunningham	Dr. Peter Nigrovic
9	Dr. Mehreen Elahee	Dr. Jeffrey Sparks
10	Dr. Jordan Roberts	Dr. Jeffrey Sparks
11	Dr. Sijia Chen	Dr. Peter Nigrovic

- **JBC Microgrant Deadline** is February 5th! Please visit our website <http://www.jbcwebportal.org/jbc-microgrant-program/> for more information about how to apply for up to \$5,000 in free JBC services including patient samples, CyTOF, and RNAseq.

The JBC Team:

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

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 News

AWARDS AND GRANTS

Pui Y. Lee, M.D., Ph.D. was promoted to **Assistant Professor of Pediatrics at Harvard Medical School**.

On December 4, the **JBC Mentorship program** was awarded **2019 Program Award for a Culture of Excellence in Mentoring (PACEM)** by Dean George Q. Daley of Harvard Medical School.

Margaret H. Chang, M.D., Ph.D. was awarded a **K12 grant** for her proposal “Synovial resident memory T cells in arthritis”

PUBLICATIONS

Kevin Wei*, **Ilya Korsunsky***, Jennifer L. Marshall, Anqi Gao, Gerald F. M. Watts, Triin Major, Adam P. Croft, Jordan Watts, Philip Blazar, Jeffrey Lange, Thomas Thornhill, Andrew Filer, Karim Raza, Laura T. Donlin, Accelerating Medicines Partnership-Rheumatoid arthritis/Systemic Lupus Erythematosus (AMP RA/SLE), Christian W. Siebel, Christopher D. Buckley, **Soumya Raychaudhuri#** and **Michael B. Brenner#**. Synovial fibroblast positional identity controlled by inductive Notch signaling underlies pathologic damage in inflammatory arthritis. *Nature* 2019 (in press).

Ford JA, Liu X, Chu SH, Lu B, Cho MH, Silverman EK, **Costenbader KH**, Camargo CA, **Sparks JA**. Asthma, chronic obstructive pulmonary disease, and subsequent risk for incident rheumatoid arthritis among women: A prospective cohort study. *Arthritis Rheumatol.* 2019 (in press).

Yoshida K, Lin TC, Wei MY, Malspeis S, Chu SH, Camargo CA, Raby BA, Choi HK, **Tedeschi SK**, **Barbhaiya M**, Lu B, **Costenbader KH**, **Karlson EW**, **Sparks JA**. The roles of post-diagnosis accumulation of morbidities and lifestyle changes on excess total and cause-specific mortality risk in rheumatoid arthritis. *Arthritis Care Res.* 2019 (in press).

Friedlander HM, **Ford JA**, **Zaccardelli A**, Terrio AV, Cho MH, **Sparks JA**. Obstructive lung diseases and risk of rheumatoid arthritis. *Expert Rev Clin Immunol.* 2019 Nov 27. doi: 10.1080/1744666X.2019.1698293. [Epub ahead of print]

Kronzer VL, Crowson C, **Sparks JA**, Myasoedova E, Davis JM III. Family history of rheumatologic, autoimmune, and non-autoimmune diseases and risk of rheumatoid arthritis. *Arthritis Care Res.* 2019 Nov 30. doi: 10.1002/acr.24115. [Epub ahead of print]

Kang EH, Jin Y, Desai RJ, Liu J, **Sparks JA**, Kim SC. Risk of acute exacerbation of pulmonary comorbidities in patients with rheumatoid arthritis after initiation of abatacept versus TNF inhibitors: A cohort study. *Semin Arthritis Rheum.* 2019 (in press).