



JBC Monthly Newsletter

November 2020

JBC Updates

- **Next JBC Synergy Meeting** will be on November 20th, 12:30-1:30 p.m. Eastern Time via Zoom.
Talk 1: Karen Costenbader, M.D., M.P.H. “Epidemiologic Clues to the Etiology of SLE”
Talk 2: Deepak Rao, M.D., Ph.D. “Immunophenotyping as an ‘immune function test’”

JBC Member News

AWARDS AND GRANTS

Daniel H. Solomon (BWH) received the ACR award for Excellence in Investigative Mentoring

Michael B. Brenner (BWH) was recognized as a Master of the ACR

Peter Nigrovic (BCH, BWH) together with **Pierre Cunin** and **Roxane Darbousset** have received a grant from the Boston Children’s Hospital Equipment and Core Resources Allocation Committee (ECRAC) to purchase a Thorlabs Bergamo II Rotating-Body 2-Photon Microscope.

PUBLICATIONS

Kronzer VL, Huang W, Dellaripa PF, Huang S, Feathers V, Lu B, Iannaccone CK, Gill RR, Hatabu H, Nishino M, Crowson CS, Davis JM III, Weinblatt ME, **Shadick NA**, Doyle TJ*, **Sparks JA***. Lifestyle and clinical risk factors for incident rheumatoid arthritis-associated interstitial lung disease. J Rheumatol. 2020 (In Press).
 *Contributed equally.

Gianfrancesco MA, Leykina LA, Izada Z, Taylor T, **Sparks JA**, Harrison C, Trupin L, Rush S, Schmajuk G, Katz P, Jacobsohn L, Hsu TY, D’Silva KM, Serling-Boyd N, Wallwork R, Todd DJ, Bhana S, Costello W, Grainger R, Hausmann JS, Liew JW, Sirolich E, Sufka P, Wallace ZS, Machado PM, Robinson PC, Yazdany J. Race/ethnicity association with poor COVID-19 outcomes amongst rheumatic disease patients in the US: Data from the COVID-19 Global Rheumatology Alliance Physician-Reported Registry. Arthritis Rheumatol. 2020 (In Press).

Egeli BH, **Sparks JA**, Kim AHJ, Liew JW. Hydroxychloroquine for the treatment of COVID-19 and its potential cardiovascular toxicity: Hero or villain? Best Pract Res Clin Rheumatol. 2020 (In Press).

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

Alisa A. Mueller, Tomoyoshi Tamura, Conor P. Crowley, Jeremy R. DeGrado, Hibah Haider, Julia L. Jezmir, Gregory Keras, Erin H. Penn, Anthony F. Massaro, Edy Y. Kim, Inflammatory Biomarker Trends Predict Respiratory Decline in COVID-19 Patients, *Cell Reports Medicine*, 2020, 100144.

van der Krogt J, van Binsbergen W, van der Laken C, **Tas SW**. Novel positron emission tomography tracers for imaging of rheumatoid arthritis. *Autoimmunity Reviews*. *Accepted for publication*.

Hall JA, Ramachandran D, Roh HC, DiSpirito JR, Belchior T, Zushin PH, Palmer C, Hong S, Mina AI, Liu B, Deng Z, Aryal P, Jacobs C, Tenen D, Brown CW, **Charles JF**, Shulman GI, Kahn BB, Tsai LTY, Rosen ED, Spiegelman BM, Banks AS. Obesity-Linked PPAR γ S273 Phosphorylation Promotes Insulin Resistance through Growth Differentiation Factor 3. *Cell Metab*. 2020 Oct 6;32(4):665-675.e6.

Nigrovic PA. COVID-19 cytokine storm: what's in a name? *Ann Rheum Dis* 2020 in press.

Jurić J, Kohrt WM, Kifer D, Pezer M, **Nigrovic PA**, Lauc G. Effects of estradiol on biological age measured using the glycan age index. *Aging* 2020 Oct 13;12(19):19756-19765.

OPEN POSITIONS

The **Nigrovic lab** (Brigham and Women's Hospital/Boston Children's Hospital) has a postdoctoral position open in the area of neutrophil biology.

The **Shelef lab** (University of Wisconsin - Madison) has a postdoctoral position open in the area of autoantibodies.