



JBC Monthly Newsletter

February 2021

JBC Updates

- **Next JBC Synergy Meeting** will be on February 26th, 12:30-1:30 p.m. Eastern Time via Zoom.
Talk 1: Dr. Jeffrey Sparks (BWH), “Rheumatoid arthritis studies using the Mass General Brigham Biobank”
Talk 2: Dr. Paul Hoover (BWH), “From bedside to benchtop: reverse translational approaches to studying kidney macrophages in lupus nephritis”

JBC Member News

AWARDS AND GRANTS

Peter Nigrovic and **Lauren Henderson** were awarded two investigator-initiated research grants from Bristol Myers Squibb via the Childhood Arthritis and Rheumatology Research Alliance (CARRA): “Predicting response to abatacept in LIMIT-JIA”, “COVID seroconversion in abatacept and control children in LIMIT-JIA”.

PUBLICATIONS

McDermott G, Doyle TJ, **Sparks JA**. Interstitial lung disease throughout the rheumatoid arthritis disease course. *Curr Opin Rheumatol*. 2021 (In Press).

Ho CH, Silva AA, Giles JT, Bathon JM, **Solomon DH**, **Liao KP**, **Ho IC**. Validation of a bioassay for predicting response to TNF α inhibitors in rheumatoid arthritis. *Arthritis Rheumatol*. 2021 in press.

Crescence L, **Darbousset R**, Caroff E, *et al*. Selatorel, a reversible P2Y₁₂ receptor antagonist, has no off-target interference with haemostasis, *In press, Thrombosis Research, TR-D-20-01316R2*.

Grieshaber-Bouyer R, **Radtke FA**, **Cunin P**, Stifano G, **Levescot A**, Vijaykumar B, **Nelson-Maney N**, **Blaustein RB**, Monach PA, **Nigrovic PA**. The neutrotome transcriptional signature defines a single continuum of neutrophils across biological compartments. *Nature Comm* 2021 [in press]

Nigrovic PA, Colbert RA, Holers VM, Ozen S, Ruperto N, Thompson SD, Wedderburn LR, Yeung RSM, Martini A. Biological classification of childhood arthritis: roadmap to a molecular nomenclature. *Nature Rev Rheum*. 2021. 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

Lagattuta K, **Nigrovic PA**. Estrogen-driven changes in IgG Fc glycosylation [review]. *Antibody Glycosylation*, Pezer M (Ed.), 2021. In press.

Solomon DH, Binstadt BA, Felson D, **Nigrovic PA**. A Picture is Worth A Thousand Words, but Only if it is a Good Picture. *Arthritis Rheumatol*. 2021 Feb 9. doi: 10.1002/art.41682. Online ahead of print.

OPEN POSITIONS

The **Nigrovic lab** (Boston Children's Hospital/Brigham and Women'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.

Team Sparks is hiring a research assistant for epidemiologic and patient-oriented research studies.