JBC Monthly Newsletter
May 2021

JBC Updates

• **JBC Microgrant funds will expire on 7/31/2021 (really!).**
  It is the micrograntee's responsibility to ensure that funds for the project are drawn down by the established deadline. Please contact JBC coordinator Anu Singh at asingh2@bwh.harvard.edu for questions.

• **Next JBC Synergy Meeting** will be on May 28th, 12:30-1:30 p.m. Eastern Time via Zoom.
  Talk 1: Dr. Tiffany Hsu (BWH), “Regulating MDA5 to restrain aberrant innate immune activation”
  Talk 2: Dr. Ivan Zanoni (BCH), “Type III interferons: friends or foes at mucosal barriers?”

• **Next JBC Aims Review Committee** will be on June 7th, 12-1 p.m. Eastern Time via Zoom. If you are not on the ARC email list and wish to be, please email peter.nigrovic@childrens.harvard.edu.

JBC Member News

**Jeffrey Sparks** (BWH) won the Best Clinical abstract at EULAR Annual Congress: “Associations of Baseline Use of Biologic or Targeted Synthetic DMARDs with COVID-19 Severity in Rheumatoid Arthritis: Results from the COVID-19 Global Rheumatology Alliance”

**Julia Charles** (BWH) was awarded an R21 from NIAMS “Talking Back: leveraging dysfunctional osteoclasts to identify novel pathways of osteoclast-osteoblast communication”

**Elena Crestani** (BCH) received a BCH Faculty Career Development award for her proposal “Novel predictive biomarkers of food allergy in children”.

**Maria Gutierrez-Arcelus** (BCH) received a BCH Faculty Career Development award for her proposal “B cell activation via the B-cell receptor and Toll-like receptor pathways to reveal genetic heterogeneity in Systemic Lupus Erythematosus”.

**Lauren Henderson** (BCH) received a Year 2 award from the Arthritis National Research Foundation for her proposal “Function and autoreactivity of Th1-polarized and clonally expanded Tregs in Oligo JIA”.

The JBC Team:
- Peter Nigrovic, M.D.
  Director (BCH & BWH)

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
Pui Lee (BCH) received a Year 1 grant from the Arthritis National Research Foundation for his proposal “mTORC1 in the pathogenesis of systemic juvenile idiopathic arthritis”.

Maria Gutierrez-Arcelus (BCH) received a Year 1 grant from the Arthritis National Research Foundation for her proposal “Function and autoreactivity of Th1-polarized and clonally expanded Tregs in Oligo JIA”.

Roxanne Darbousset (Nigrovic lab) received a Year 1 grant from the Arthritis National Research Foundation for her proposal “Splicing Disruption in Systemic Lupus Erythematosus”.

Ivan Zanoni (BCH) received a 5-year Lloyd J. Old STAR grant from the Cancer Research Institute for his proposal “Innate immune control of colorectal cancer”.

Peter Nigrovic (BCH/BWH) received a CARRA Executive Committee Biosample Collection Stimulus Grant entitled ‘Fingerprinting childhood lupus’.

JBC MEMBER PUBLICATIONS


OPEN POSITIONS

The Nigrovic lab (Brigham and Women’s Hospital/Boston Children’s Hospital) has postdoctoral position open in the areas of neutrophil biology and human genetics.

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

The Wei lab (Brigham and Women’s Hospital) has a postdoctoral position open for project- Spatial transcriptomics and stromal cell biology.