



JBC Monthly Newsletter

OCTOBER 2017

Next JBC Synergy Meeting:

Date: November 17th,
2017

JBC Updates

THE JBC TEAM

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

Human Biosamples Core:

- Elizabeth Karlson, M.D.
Director (BWH)
- 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 (BWH)
- Chad Nusbaum, Ph.D.
Associate Director
Broad Institute
- Peter Nigrovic, M.D.
Associate Director BWH

- **Next JBC Synergy Meeting** will be on November 17th, 12:30-1:30 p.m. (BTM 02006B).
- **Grant Support Citation Reminder:** If any of your work is supported by the JBC, please include [P30 AR070253/AR/NIAMS](#) under grant support
- **Dr. Hermine Brunner** (Cincinnati Children's Hospital Medical Center) has accepted the invitation to serve as the 2nd JBC Visiting Professor, April 9-10, 2018
- JBC and related presentations at the upcoming 2017 ACR meeting in San Diego are listed on the JBC website at <http://www.jbcwebportal.org/acr-2017/>
- Microgrant award: **Dr. Pei-Yu Chen** (Yale School of Medicine) was awarded a JBC Microgrant for her proposal "Smooth muscle cell TGFbeta signaling contributes to accelerated atherosclerosis in systemic lupus Erythematosus." The next microgrant deadline is **February 5th, 2018**

JBC Mentorship Program



JBC Mentorship Program – Networking Cocktail Party. JBC kicked off its mentorship program with a networking cocktail party last Friday. **Eighteen mentees were matched with eighteen mentors** which were from the following institutions:

- Brigham and Women’s Hospital (Rheumatology, Orthopedic Surgery, Radiology)
- Boston Children’s Hospital
- The Broad Institute
- University of Buffalo
- Indiana University-Purdue University
- University of Wisconsin



Drs. Yang & Glowacki



Drs. Chen & Henderson



Drs. Chang & Whited



Drs. Wei & Nusbaum

JBC In Action



Dr. Martinez-Bonet



Dr. Cui

Dr. Martinez-Bonet, a post-doctoral fellow at **Brigham and Women's Hospital**, is currently collaborating with **Dr. Jing Cui**, JBC's bioinformatician. Dr. Cui has analyzed data generated from Dr. Martinez-Bonet's experiments sequenced at the Broad Institute. This step is crucial for Dr. Martinez-Bonet's ongoing project which consists of identification of functional JIA-associated variants within GWAS hit locus TRAF1-C5.

Over a period of five months, **Dr. Cui** analyzed sequences obtained from next generation sequencing, a crucial step to identify the candidate functional SNPs that will be further investigated.

"Dr. Cui has helped us analyze sequences and fast forward the process. She conducted the analysis very quickly and was always available to answer wherever there were any questions or doubts about the analysis."

-Dr. Marta Martinez-Bonet