



## Michelle Atallah

- Ph.D. Student in Cancer Biology, admitted Autumn 2014
- Student Employee, Center for Teaching and Learning

### Bio

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#### HONORS AND AWARDS

- Forbes 30 Under 30: Science, Forbes Magazine (2017)
- Graduate Research Fellowship, National Science Foundation (2015)
- NORD/DIA Patient Advocate Scholarship, National Organization of Rare Diseases (2013)
- Helzer Travel Grant, Yale University (2012)
- NORD/DIA Student Presenter Travel Award, National Organization of Rare Diseases (2012)
- Richter Summer Fellowship, Yale University (2011)
- Silliman Mellon Grant for Undergraduate Theses, Yale University (2011)
- Yale Science and Engineering Association Undergraduate Research Grant, Yale University (2011)
- Sherwood E. Silliman Fellowship for Research in the Natural Sciences, Yale University (2010)

#### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Champion, Society for Immunotherapy of Cancer (2017 - present)
- Board of Directors, International Pemphigus and Pemphigoid Foundation (2014 - 2016)

#### MEMBERSHIP ORGANIZATIONS

- Society for the Immunotherapy of Cancer, Member
- American Association for Cancer Research, Member
- American Society of Clinical Oncology, Member
- American Association for the Advancement of Science, Member

#### EDUCATION AND CERTIFICATIONS

- BS, Yale University , Biology (2012)

#### STANFORD ADVISORS

- Edward Graves, Doctoral Dissertation Reader (AC)
- Edgar Engleman, Doctoral Dissertation Co-Advisor (AC)
- Sean Bendall, Doctoral Dissertation Reader (AC)
- Andrew Gentles, Doctoral Dissertation Reader (AC)
- Parag Mallick, Doctoral Dissertation Advisor (AC)

## LINKS

- My LinkedIn Profile: <http://linkedin.com/in/michelleatallah>
- My Google Scholar Page: <http://scholar.google.com/citations?user=AphUY04AAAAAJ>
- ImmunoGlobe: <http://www.immunoglobe.org/>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

As part of my graduate work I developed ImmunoGlobe, a map of the immune intercellular interactome that describes how immune cells and immune system components interact to drive immune responses. By structuring our knowledge of immune interactions into a directional graph, ImmunoGlobe makes it easy to explore the relationships between components of the immune system. An interactive version of the network is available online at [immunoglobe.org](http://immunoglobe.org).

### CURRENT CLINICAL INTERESTS

- Inflammation
- Immunotherapy
- Tumor Immunology

### LAB AFFILIATIONS

- Edgar Engleman, Engleman Cellular Immunology Lab (4/1/2015)
- Parag Mallick, Mallick Lab at the Canary Center for Early Cancer Detection (4/1/2015)

## Professional

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### WORK EXPERIENCE

- Clinical Research Associate II - Nodality, Inc. (July 1, 2012 - July 29, 2014)
- Summer Research Associate - The Buck Institution for Age Research (2009 - 2011)

## Publications

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### PUBLICATIONS

- **Accelerated, but not conventional, radiotherapy of murine B-cell lymphoma induces potent T cell-mediated remissions** *BLOOD ADVANCES*  
Dutt, S., Atallah, M. B., Minamida, Y., Filatenkov, A., Jensen, K. P., Iliopoulou, B. P., Tamosiuniene, R., Waters, J., Engleman, E. G., Strober, S.  
2018; 2 (19): 2568–80
- **The Predictive Value of Inflammation-Related Peripheral Blood Measurements in Cancer Staging and Prognosis** *FRONTIERS IN ONCOLOGY*  
Sylman, J. L., Mitrugno, A., Atallah, M., Tormoen, G. W., Shatzel, J. J., Yunga, S., Wagner, T. H., Leppert, J. T., Mallick, P., McCarty, O. T.  
2018; 8: 78
- **Accelerated, but not conventional, radiotherapy of murine B-cell lymphoma induces potent T cell-mediated remissions.** *Blood advances*  
Dutt, S., Atallah, M. B., Minamida, Y., Filatenkov, A., Jensen, K. P., Iliopoulou, B. P., Tamosiuniene, R., Waters, J., Engleman, E. G., Strober, S.  
2018; 2 (19): 2568–80
- **A Robust Protocol for Protein Extraction and Digestion.** *Methods in molecular biology (Clifton, N.J.)*  
Atallah, M., Flory, M. R., Mallick, P.  
2017; 1550: 1-10
- **Longitudinal Monitoring of Antibody Responses against Tumor Cells Using Magneto-nanosensors with a Nanoliter of Blood.** *Nano letters*  
Lee, J. R., Chan, C. T., Ruderman, D., Chuang, H. Y., Gaster, R. S., Atallah, M., Mallick, P., Lowe, S. W., Gambhir, S. S., Wang, S. X.  
2017; 17 (11): 6644–52

- **High-dimensional analysis of the aging immune system: Verification of age-associated differences in immune signaling responses in healthy donors** *JOURNAL OF TRANSLATIONAL MEDICINE*  
Longo, D. M., Louie, B., Ptacek, J., Friedland, G., Evensen, E., Putta, S., Atallah, M., Spellmeyer, D., Wang, E., Pos, Z., Marincola, F. M., Schaeffer, A., Lukac, et al  
2014; 12
- **Novel Biomarkers From Peripheral Blood Mononuclear Cells Indicate Disease Activity In Rheumatoid Arthritis Patients.**  
Ptacek, J., Hawtin, R., Louie, B., Evensen, E., Cordeiro, J., Mittleman, B., Atallah, M., Cesano, A., Bingham, C. O., Cofield, S., Curtis, J. R., Danila, M. I., Furie, et al  
WILEY-BLACKWELL.2013: S974–S975
- **Prediction Of TNF Inhibitor Response In Rheumatoid Arthritis Patients Using Single Cell Network Profiling Of Intracellular Immune Signaling**  
Ptacek, J., Hawtin, R., Louie, B., Evensen, E., Cordeiro, J., Mittleman, B., Atallah, M., Cesano, A., Bingham, C. O., Cofield, S., Curtis, J. R., Danila, M. I., Furie, et al  
WILEY-BLACKWELL.2013: S375
- **Genomic relationship between SINE retrotransposons, Pol III- Pol II transcription, and chromatin organization: the journey from junk to jewel** *BIOCHEMISTRY AND CELL BIOLOGY-BIOCHIMIE ET BIOLOGIE CELLULAIRE*  
Lunyak, V. V., Atallah, M.  
2011; 89 (5): 495-504
- **Inhibition of activated pericentromeric SINE/Alu repeat transcription in senescent human adult stem cells reinstates self-renewal** *CELL CYCLE*  
Wang, J., Geesman, G. J., Hostikka, S. L., Atallah, M., Blackwell, B., Lee, E., Cook, P. J., Pasaniuc, B., Shariat, G., Halperin, E., Dobke, M., Rosenfeld, M. G., Jordan, et al  
2011; 10 (17): 3016-3030

## PRESENTATIONS

- Localization of pyrin during neutrophil migration in Familial Mediterranean Fever - NORD/DIA US Conference on Rare Diseases (October 2012)