

# John Favate

---

Graduate Student - Shah Lab

Department of Genetics - Rutgers University, New Brunswick, NJ

✉ [john.favate@rutgers.edu](mailto:john.favate@rutgers.edu) 🌐 [theshahlab.org/team/john-favate/](http://theshahlab.org/team/john-favate/)

---

## Education

Master of Biomedical Sciences - Rutgers University, 2016

Bachelor of Arts Biology - University of Delaware, 2014

## Research Experience

Graduate research assistant - Rutgers University, Shah lab, 2017 - Present

Visiting scientist - American Museum of Natural History, Kim lab, 2015-2017

Graduate research assistant - Rutgers University, Pine lab, 2015-2016

Undergraduate research assistant - University of Delaware, Sikes lab, 2013-2014

## Publications

O-GlcNAcylation alters the selection of mRNAs for translation and promotes 4E-BP1-dependent mitochondrial dysfunction in retina. Sadie K Dierschke, William P Miller, **John S Favate**, Premal Shah, Yuka Imamura Kawasawa, Anna C Salzberg, Scot R Kimball, Leonard S Jefferson, Michael D Dennis. *Journal of Biological Chemistry*, jbc. RA119. 007494

Transforming growth factor- $\beta$  signaling induced during prostate cancer cell death and neuroendocrine differentiation is mediated by bone marrow stromal cells. FL Miles, S Kurtoglu, C Ahmer, M Soori, **JS Favate**, RA Sikes. *The Prostate* 75 (15), 1802-1813.

## Professional Organizations

American Society for Biochemistry and Molecular Biology, 2017 - Present

American Association for the Advancement of Science, 2019 - Present