

What's New in Biochemistry

PERSONNEL CHANGES:

	Dr. Alexander Baker-Williams left his postdoc position in Alaji Bah's lab for a position at Bio-Rad.
	Chawka Albadeh completed her temporary Student Assistant position in Bruce Knutson's lab.
	Anna John completed her PhD degree in Stewart Loh's lab.
	Ruqiyah Shaik has returned to Alaji Bah's lab as a Graduate Assistant.

PUBLICATIONS:

Md Murad Khan*, Seowon Lee*, Sergio Couoh-Cardel*, Rebecca A. Oot, Hyunmin Kim, Stephan Wilkens†, and Soung-Hun Roh†. "Oxidative stress protein Oxr1 promotes V-ATPase holoenzyme disassembly in catalytic activity-independent manner." *The EMBO Journal* (2021): e109360. [*Co-first author; †Corresponding author]

Link- <https://doi.org/10.15252/emboj.2021109360>

This figure has been selected as the journal cover:



Joshi I, Peng J, Alvino G, Kwan E, Feng W. Exceptional origin activation revealed by comparative analysis in two laboratory yeast strains. *PLoS One*. 2022;17(2):e0263569. doi: 10.1371/journal.pone.0263569. eCollection 2022. PubMed PMID: 35157703; PubMed Central PMCID: PMC8843211.

Bachant J, Hoffman EA, Caridi C, Nugent CI, Feng W. The yeast Dbf4 Zn²⁺ finger domain suppresses single-stranded DNA at replication forks initiated from a subset of origins. *Curr Genet*. 2022 Feb 11;. doi: 10.1007/s00294-022-01230-6. [Epub ahead of print] PubMed PMID: 35147742.

Gasparayan H, Caridi C, Julius J, Feng W, Bachant J, Nugent CI. Yeast Stn1 promotes MCM to circumvent Rad53 control of the S phase checkpoint. *Curr Genet*. 2022 Feb 12;. doi: 10.1007/s00294-022-01228-0. [Epub ahead of print] PubMed PMID: 35150303.

AWARDS AND RECOGNITIONS RECEIVED:

A recent publication on genome instability in FXS by [Chakroborty et al.](#) from the Feng lab was part of Crouse OB/GYN Grand Rounds presented by Dr. Lebel on February 11, 2022. Dr Lebel selected 20 publications from the three universities in Syracuse and gave each a short synopsis. It serves as a nice entryway for students/faculty who are broadly interested in genetics to a variety of subjects.

Wenyi Feng gave a seminar to the Department of Biological Sciences at SUNY Oswego on February 25th as part of the visiting scholar series sponsored by College of Graduate Studies.

PERSONAL NEWS:

Congratulations to Patty's son, Josh Popp, who has published his first paper and is shared first author with a collaborator in Chicago.

[Single-cell sequencing reveals lineage-specific dynamic genetic regulation of gene expression during human cardiomyocyte differentiation.](#)

Elorbany R, **Popp JM**, Rhodes K, Strober BJ, Barr K, Qi G, Gilad Y, Battle A. *PLoS Genet.* 2022 Jan 21;18(1):e1009666.



Continuing Education. Steve Hanes has been learning new skills by attending classes at the Adirondack School of Hard Knocks. Here are some classroom shots at Roaring Brook Falls and Multiplication Gully in the High Peaks Region. One day he hopes to lead such activities. Never stop learning...