

Kunming Shao

Email: shao108@purdue.edu
Tel: 7654265163

Mailing Address:
3127 Courthouse Drive West,
West Lafayette, IN

EDUCATION

B.S. Purdue University, West Lafayette, IN **2017 - 2021**
Major: Biological Engineering / Cellular and Biomolecular Engineering
Minor: Biotechnology

Ph.D Student Purdue University, West Lafayette, IN
PULSe Program - Computational and Systems Biology

PUBLICATIONS

Yan, B, Wang, C, Chakravorty, S, et al. A comprehensive single cell data analysis of lymphoblastoid cells reveals the role of super-enhancers in maintaining EBV latency. J Med Virol. 2022; 95:e28362. doi:10.1002/jmv.28362

RESEARCH EXPERIENCE

- **Graduate Research Assistant.**
Dr. Qing Deng's lab, Department of Biological Science
April 2023 – Present
Working on identification and characterization of micro-RNAs that moderate acute neutrophilic inflammation
- **Undergraduate Research Assistant.**
Dr. Majid Kazemian's lab, Department of Biochemistry and computer science.
August 2019 – Dec 2022
Working on novel noncoding RNA in Immune system

ACTIVITIES

- Members of Purdue University Graduate Chinese Association (PUGCA)
August 2022 - Present

HONORS AND AWARDS

- Recipient of the 2021-2022 Ladisch ABE Scholarship 2021
- Recipient of the 2020-2021 Alumni & Friends of ABE Scholarship 2020
- Purdue Soybean Innovation Competition Award 2020
- Dean's List and Semester Honors, College of Engineering 2018 - 2021

SKILLS

- Computational:
Adept working in cluster: Slurm
Programing Languages: MATLAB, Python, Macro, R
Analysis of RNA-seq; ChIP-seq; Single-cell RNA-seq.
- Biology: Adept in molecular clone, qRT-PCR, Western blot, Flow cytometry; In vitro cell biology experiments.