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- Ph.D. Student in Bioengineering, admitted Autumn 2021
- Masters Student in Bioengineering, admitted Spring 2022

Publications

PUBLICATIONS

- **Transcriptional and post-transcriptional controls for tuning gene expression in plants.** *Current opinion in plant biology*
Zhong, V., Archibald, B. N., Brophy, J. A.
2022; 71: 102315
- **Comparison of Gene Editing versus a Neutrophil Elastase Inhibitor as Potential Therapies for ELANE Neutropenia.** *Journal of cellular immunology*
Makaryan, V., Kelley, M., Fletcher, B., Archibald, I., Poulsen, T., Dale, D.
2022; 4 (1): 19-28
- **CRISPR/Cas9 Mediated ELANE Knock-out Restores Survival and Granulocytic Differentiation of HL60 Cells Expressing Mutant Neutrophil Elastase: Is Neutrophil Elastase a Dispensable Granulocyte Protease?**
Makaryan, V., Archibald, I. N., Kelley, M. L., Fletcher, B., Dale, D. C.
AMER SOC HEMATOLOGY.2019