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Ph.D. Student in Chemical and Systems Biology, admitted Autumn 2021

Publications

PUBLICATIONS

- **Cardiac troponin I directly binds and inhibits mitochondrial ATP synthase with a noncanonical role in the post-ischemic heart.** *Nature cardiovascular research*
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2024; 3 (8): 987-1002
- **Cleavage of Hsp70.1 causes lysosomal cell death under stress conditions.** *Frontiers in molecular biosciences*
Yamashima, T., Mochly-Rosen, D., Wakatsuki, S., Mizukoshi, E., Seike, T., Larus, I. M., Chen, C., Takemura, M., Saito, H., Ohashi, A.
2024; 11: 1378656
- **SMOC-1 interacts with both BMP and glypican to regulate BMP signaling in C. elegans.** *PLoS biology*
DeGroot, M. S., Williams, B., Chang, T. Y., Maas Gamboa, M. L., Larus, I. M., Hong, G., Fromme, J. C., Liu, J.
2023; 21 (8): e3002272
- **Effects of Signal Disruption Depends on the Substrate Preference of the Lactonase.** *Frontiers in microbiology*
Mahan, K., Martinmaki, R., Larus, I., Sikdar, R., Dunitz, J., Elias, M.
2019; 10: 3003