



Maiya Yu

Ph.D. Student in Structural Biology, admitted Autumn 2021

Bio

EDUCATION AND CERTIFICATIONS

- Bachelors of Science, University of Michigan, Ann Arbor, MI , Biochemistry, Pure Mathematics (2021)

LINKS

- personal site: maiayyu.me

Publications

PUBLICATIONS

- **Cluster Assembly Dynamics Drive Fidelity of Planar Cell Polarity Polarization.** *bioRxiv : the preprint server for biology*
Nissen, S. B., Weiner, A. T., Suyama, K., Bosch, P. S., Song, S., Gu, Y., Dunn, A. R., Axelrod, J. D.
2024
- **Hexahydroquinoline Derivatives are Selective Agonists for the Adhesion G Protein-Coupled Receptor ADGRG1/GPR56.** *Molecular pharmacology*
Vizurraga, A. L., Robertson, M. J., Yu, M., Skiniotis, G., Tall, G. G.
2023
- **Structures of Ric-8B in complex with Galpha protein folding clients reveal isoform specificity mechanisms.** *Structure (London, England : 1993)*
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2023
- **GPR56/ADGRG1 is a platelet collagen-responsive GPCR and hemostatic sensor of shear force** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Yeung, J., Adili, R., Stringham, E. N., Luo, R., Vizurraga, A., Rosselli-Murai, L. K., Stoveken, H. M., Yu, M., Piao, X., Holinstat, M., Tall, G. G.
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- **Mechanisms of adhesion G protein-coupled receptor activation** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Vizurraga, A., Adhikari, R., Yeung, J., Yu, M., Tall, G. G.
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- **Computational and Experimental Studies of Inhibitor Design for Aldolase A** *JOURNAL OF PHYSICAL CHEMISTRY B*
Qi, R., Walker, B., Jing, Z., Yu, M., Stancu, G., Edupuganti, R., Dalby, K. N., Ren, P.
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- **Production of Phosphorylated Ric-8A proteins using protein kinase CK2** *PROTEIN EXPRESSION AND PURIFICATION*
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