




## Parijat Sarkar

Postdoctoral Scholar, Biochemistry

 NIH Biosketch available Online

 Curriculum Vitae available Online

### Bio

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#### STANFORD ADVISORS

- Rajat Rohatgi, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Design principles of a membrane-spanning ubiquitin ligase.** *Molecular cell*  
Williams, C., Nocka, L. M., Hedger, G., Parashara, P., Pardon, E., Latorraca, N. R., Pusapati, G. V., Sarkar, P., Lartey, D., Gao, L., Milenkovic, L., Chalk, R., Steyaert, et al  
2026
- **Mutational scanning reveals substrate-assisted autoregulation of the WNT destruction complex.** *bioRxiv : the preprint server for biology*  
Padmanarayana, M., Sakalas, S., Sarkar, P., Ma, M., Garvin, E. R., Lee, E., Corsello, S. M., Guettler, S., Pusapati, G. V., Rohatgi, R.  
2025
- **Direct ionic stress sensing and mitigation by the transcription factor NFAT5.** *Science advances*  
Khandwala, C. B., Sarkar, P., Schmidt, H. B., Ma, M., Pusapati, G. V., Lamoliatte, F., Kinnebrew, M., Patel, B. B., Tillo, D., Lebensohn, A. M., Rohatgi, R.  
2025; 11 (8): eadu3194
- **Quantitation of F-actin in cytoskeletal reorganization: Context, methodology and implications.** *Methods (San Diego, Calif.)*  
Shubhrasmita Sahu, S., Sarkar, P., Chattopadhyay, A.  
2024
- **Interplay of Cholesterol and Actin in Neurotransmitter GPCR Signaling: Insights from Chronic Cholesterol Depletion Using Statin** *ACS CHEMICAL NEUROSCIENCE*  
Sarkar, P., Chattopadhyay, A.  
2023: 3855-3868
- **Direct ionic stress sensing and mitigation by the transcription factor NFAT5.** *bioRxiv : the preprint server for biology*  
Khandwala, C. B., Sarkar, P., Schmidt, H. B., Ma, M., Kinnebrew, M., Pusapati, G. V., Patel, B. B., Tillo, D., Lebensohn, A. M., Rohatgi, R.  
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- **Metabolic Depletion of Sphingolipids Inhibits Agonist-induced Endocytosis of the Serotonin1A Receptor.** *Traffic (Copenhagen, Denmark)*  
Kumar, A., Sarkar, P., Chattopadhyay, A.  
2022