



## Arundhati Deshmukh

Postdoctoral Scholar, Structural Biology

### Bio

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#### STANFORD ADVISORS

- Peter Dahlberg, Postdoctoral Faculty Sponsor
- Peter Dahlberg, Postdoctoral Research Mentor

### Publications

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#### PUBLICATIONS

- **Tuning the Quantum-Well Structure of Single-Crystal Layered Perovskite Heterostructures.** *Journal of the American Chemical Society*  
Deshmukh, A. P., Chen, Y., Cleron, J. L., Tie, M., Wen, J., Heinz, T. F., Filip, M. R., Karunadasa, H. I.  
2025
- **De novo design of proteins housing excitonically coupled chlorophyll special pairs** *NATURE CHEMICAL BIOLOGY*  
Ennist, N. M., Wang, S., Kennedy, M. A., Curti, M., Sutherland, G. A., Vasilev, C., Redler, R. L., Maffei, V., Shareef, S., Sica, A. V., Hua, A.,  
Deshmukh, A. P., Moyer, et al  
2024
- **Near-atomic-resolution structure of J-aggregated helical light-harvesting nanotubes** *NATURE CHEMISTRY*  
Deshmukh, A. P., Zheng, W., Chuang, C., Bailey, A. D., Williams, J. A., Sletten, E. M., Egelman, E. H., Caram, J. R.  
2024