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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **TMEM65 functions as the mitochondrial Na⁺/Ca²⁺ exchanger.** *Nature cell biology*
Zhang, J. L., Chang, Y. C., Lai, P. H., Yeh, H. I., Tsai, C. W., Huang, Y. L., Liu, T. Y., Lee, I. C., Foulon, N., Xu, Y., Rao, B., Shih, H. M., Tu, et al
2025
- **The cryo-EM structure of the human ERAD retrotranslocation complex.** *Science advances*
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- **The structural pathology for hypophosphatasia caused by malfunctional tissue non-specific alkaline phosphatase** *NATURE COMMUNICATIONS*
Yu, Y., Rong, K., Yao, D., Zhang, Q., Cao, X., Rao, B., Xia, Y., Lu, Y., Shen, Y., Yao, Y., Xu, H., Ma, P., Cao, et al
2023; 14 (1): 4048
- **The structural basis of the pH-homeostasis mediated by the Cl⁻/HCO₃⁻ exchanger, AE2** *NATURE COMMUNICATIONS*
Zhang, Q., Jian, L., Yao, D., Rao, B., Xia, Y., Hu, K., Li, S., Shen, Y., Cao, M., Qin, A., Zhao, J., Cao, Y.
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- **C-terminal deletion-induced condensation sequesters AID from IgH targets in immunodeficiency** *EMBO JOURNAL*
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- **The structural basis for the phospholipid remodeling by lysophosphatidylcholine acyltransferase 3** *NATURE COMMUNICATIONS*
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- **The cryo-EM structure of an ERAD protein channel formed by tetrameric human Derlin-1** *SCIENCE ADVANCES*
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2021; 7 (10)
- **Crystal structure of a bacterial homolog to human lysosomal transporter, spinster** *SCIENCE BULLETIN*
Zhou, F., Yao, D., Rao, B., Zhang, L., Nie, W., Zou, Y., Zhao, J., Cao, Y.
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