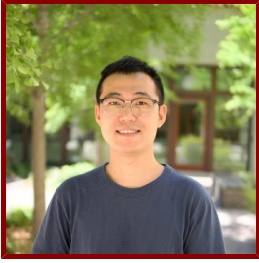


Stanford



Shuke Xiao

Postdoctoral Scholar, Pathology

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- NIH Pathway to Independence Award, National Institutes of Health (2025)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Heart Association (2024 - present)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Yale University (2022)
- Bachelor of Science, Nanjing University (2016)
- PhD, Yale University , Molecular Neuroscience (2022)
- BSc, Nanjing University , Biological Sciences (2016)

STANFORD ADVISORS

- Jonathan Long, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Jonathan Long (6/1/2022)

Publications

PUBLICATIONS

- **Snake postprandial metabolite shows cross-species activation of hypothalamic neurons** *NATURE METABOLISM*
Xiao, S., Long, J. Z.
2026
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- **Lac-Phe (N-lactoyl-phenylalanine).** *Trends in endocrinology and metabolism: TEM*
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2024
- **Lac-Phe mediates the effects of metformin on food intake and body weight.** *Nature metabolism*
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- **Lac-Phe mediates the anti-obesity effect of metformin.** *bioRxiv : the preprint server for biology*
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- **Meeting a threat of the Anthropocene: Taste avoidance of metal ions by Drosophila.** *Proceedings of the National Academy of Sciences of the United States of America*
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