



Manasi Sawant

Postdoctoral Scholar, Bioengineering

Bio

INSTITUTE AFFILIATIONS

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

HONORS AND AWARDS

- Dean's Postdoctoral Fellowship, Stanford School of Medicine (2024-2025)
- International Ph.D. fellowship, University of Lille, Doctoral School of Health and Biology (2018-2022)

STANFORD ADVISORS

- Hawa Racine Thiam, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Human cathelicidin peptide LL-37 compacts nucleic acids and alters neutrophil extracellular trap structure.** *Scientific reports*
Zielke, C., Rad, B., Nielsen, J. E., Li, J., Pimcharoen, S., Sawant, M., Kamayirese, S., Lin, J. S., Thiam, H. R., Barron, A. E.
2026
- **Investigation of Regulation and Binding Patterns of the Human Cathelicidin Peptide LL-37 in Complexation with Nucleic Acids, and its Impact on Neutrophil Extracellular Traps.** *bioRxiv : the preprint server for biology*
Zielke, C., Rad, B., Nielsen, J. E., Li, J., Pimcharoen, S., Sawant, M., Lin, J. S., Thiam, H. R., Barron, A. E.
2026
- **Autoantibody hotspots reveal the origin and impact of immunogenic XIST ribonucleoprotein complexes in autoimmune diseases.** *The Journal of clinical investigation*
Yan, B., Lee, J., Srinivasan, S., Ambriz, P., Shi, Q., Dou, D. R., Davuluri, S., Nandyala, S., Woods, A., Leatherman, G., Zhao, Y., Reggiardo, R. E., Sawant, et al
2026
- **Autoantibody hotspots reveal origin and impact of immunogenic XIST ribonucleoprotein complex.** *bioRxiv : the preprint server for biology*
Yan, B., Lee, J., Srinivasan, S., Shi, Q., Dou, D. R., Davuluri, S., Nandyala, S., Woods, A., Leatherman, G., Zhao, Y., Reggiardo, R. E., Sawant, M., Thiam, et al
2025