

# Stanford

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## Mekedlawit Setegne

Ph.D. Student in Chemistry, admitted Autumn 2019

### Bio

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#### HONORS AND AWARDS

- EDGE Fellow, Stanford VPGE (2019-current)
- Honorable Mentions, NSF GRFP (2019, 2021)
- Hugh Scott Cameron Service Award, Rice University (2019)
- National College Match Finalist, Questbridge (2015-2019)

### Publications

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#### PUBLICATIONS

- **A Cell-Permeant Nanobody-Based Degrader That Induces Fetal Hemoglobin.** *ACS central science*  
Shen, F., Zheng, G., Setegne, M., Tenglin, K., Izadi, M., Xie, H., Zhai, L., Orkin, S. H., Dassama, L. M.  
2022; 8 (12): 1695-1703
- **Environmental oxygen affects ex vivo growth and proliferation of mesenchymal progenitors by modulating mitogen-activated protein kinase and mammalian target of rapamycin signaling.** *Cytotherapy*  
da Graca Cabreira, M., Wang, X., Critsinelis, A., Setegne, M., Lotfi, P., Wan, Y., Barrios, G., Mei, Z., Gee, A. P., Buja, L. M., Perin, E.  
2022