

# Stanford

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## Robert Nwokonko

Postdoctoral Scholar, Molecular and Cellular Physiology

### Bio

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#### PROFESSIONAL EDUCATION

- Bachelor of Science, Kutztown University Of Pennsylvania (2013)
- PhD, Pennsylvania State University College of Medicine , Biomedical Sciences (2019)

#### STANFORD ADVISORS

- Georgios Skiniotis, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **An apical Phe-His pair defines the Orai1-coupling site and its occlusion within STIM1.** *Nature communications*  
Zhou, Y., Jennette, M. R., Ma, G., Kazzaz, S. A., Baraniak, J. H., Nwokonko, R. M., Groff, M. L., Velasquez-Reynel, M., Huang, Y., Wang, Y., Gill, D. L. 2023; 14 (1): 6921
- **The tethered peptide activation mechanism of adhesion GPCRs.** *Nature*  
Barros-Alvarez, X., Nwokonko, R. M., Vizurraga, A., Matzov, D., He, F., Papasergi-Scott, M. M., Robertson, M. J., Panova, O., Yardeni, E. H., Seven, A. B., Kwarcinski, F. E., Su, H., Peroto, et al  
2022
- **The oxytocin signaling complex reveals a molecular switch for cation dependence.** *Nature structural & molecular biology*  
Meyerowitz, J. G., Robertson, M. J., Barros-Alvarez, X., Panova, O., Nwokonko, R. M., Gao, Y., Skiniotis, G.  
2022
- **A key amino acid in STIM1 mediates coupling to gate the Orai1 channel**  
Zhou, Y., Nwokonko, R. M., Ma, G., Baraniak, J. H., Wang, J., Jennette, M. R., Dokholyan, N. V., Huang, Y., Gill, D. L.  
CELL PRESS.2022: 374A
- **G-protein activation by a metabotropic glutamate receptor.** *Nature*  
Seven, A. B., Barros-Álvarez, X., de Lapeyrière, M., Papasergi-Scott, M. M., Robertson, M. J., Zhang, C., Nwokonko, R. M., Gao, Y., Meyerowitz, J. G., Rocher, J. P., Schelshorn, D., Kobilka, B. K., Mathiesen, et al  
2021