



Chelsea Nnebe

- MD Student, expected graduation Spring 2026
- MSTP Student

Publications

PUBLICATIONS

- **Deep learning-guided design of cell type-specific AAV promoters.** *bioRxiv : the preprint server for biology*
Wang, S. K., Deng, B., Nair, S., Ren, X., Li, J., Tijerina, J., Prakhar, P., Luo, Z., Nnebe, C., Kim, S. H., Zhou, Y., Shah, S. H., Davis, et al
2026
- **New Insights Into Diabetes-Induced Cell-Type-Specific Responses in the Neural Retina via Single-Cell Transcriptomics: A Report on Research Supported by Pathway to Stop Diabetes.** *Diabetes*
Deng, B., Nnebe, C., Prakhar, P., Ren, X., Sun, D., Sun, Y., Wang, S.
2025
- **miR-193b-365 microcluster downstream of Fezf2 coordinates neuron-subtype identity and dendritic morphology in cortical projection neurons.** *iScience*
Iyer, A., Vaasjo, L. O., Siththanandan, V. B., K C, R., Thurmon, A., Akumuo, M., Lu, V., Nnebe, C., Nair, R., Galazo, M. J., Tharin, S.
2024; 27 (12): 111500
- **Challenges and advice for MD/PhD applicants who are underrepresented in medicine.** *Molecular biology of the cell*
Bannerman, C. n., Guzman, N. n., Kumar, R. n., Nnebe, C. n., Setayesh, J. n., Venapally, A. n., Sussman, J. H.
2020; 31 (24): 2640–43
- **Fatostatin inhibits cancer cell proliferation by affecting mitotic microtubule spindle assembly and cell division.** *The Journal of biological chemistry*
Gholkar, A. A., Cheung, K. n., Williams, K. J., Lo, Y. C., Hamideh, S. A., Nnebe, C. n., Khuu, C. n., Bensinger, S. J., Torres, J. Z.
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