

Angela Pogson

Ph.D. Student in Developmental Biology, admitted Autumn 2021

Publications

PUBLICATIONS

- **Engulfment by brain macrophages in a short-lived vertebrate.** *bioRxiv : the preprint server for biology*
Nagvekar, R., Pogson, A. N., Kalakuntla, P. R., Barr, H. J., Jaimes, A. M., Perry, S. V., Costa, E. K., Chen, J., Boos, F., Negrodo, P. N., Seeker, L. A., Jaggard, J. B., Barajas, et al
2026
- **Brain aging and rejuvenation at single-cell resolution.** *Neuron*
Sun, E. D., Nagvekar, R., Pogson, A. N., Brunet, A.
2025; 113 (1): 82-108
- **CRISPR-Cas9 screens reveal regulators of ageing in neural stem cells.** *Nature*
Ruetz, T. J., Pogson, A. N., Kashiwagi, C. M., Gagnon, S. D., Morton, B., Sun, E. D., Na, J., Yeo, R. W., Leeman, D. S., Morgens, D. W., Tsui, C. K., Li, A., Bassik, et al
2024
- **DNA-guided transcription factor cooperativity shapes face and limb mesenchyme.** *Cell*
Kim, S., Morgunova, E., Naqvi, S., Goovaerts, S., Bader, M., Koska, M., Popov, A., Luong, C., Pogson, A., Swigut, T., Claes, P., Taipale, J., Wysocka, et al
2024
- **Maximizing CRISPRi efficacy and accessibility with dual-sgRNA libraries and optimal effectors.** *eLife*
Replogle, J. M., Bonnar, J. L., Pogson, A. N., Liem, C. R., Maier, N. K., Ding, Y., Russell, B. J., Wang, X., Leng, K., Guna, A., Norman, T. M., Pak, R. A., Ramos, et al
2022; 11
- **Mapping information-rich genotype-phenotype landscapes with genome-scale Perturb-seq** *CELL*
Replogle, J. M., Saunders, R. A., Pogson, A. N., Hussmann, J. A., Lenail, A., Guna, A., Mascibroda, L., Wagner, E. J., Adelman, K., Lithwick-Yanai, G., Iremadze, N., Oberstrass, F., Lipson, et al
2022; 185 (14): 2559-+
- **Genome-wide programmable transcriptional memory by CRISPR-based epigenome editing.** *Cell*
Nunez, J. K., Chen, J., Pommier, G. C., Cogan, J. Z., Replogle, J. M., Adriaens, C., Ramadoss, G. N., Shi, Q., Hung, K. L., Samelson, A. J., Pogson, A. N., Kim, J. Y., Chung, et al
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