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Ph.D. Student in Neurosciences, admitted Autumn 2025

Publications

PUBLICATIONS

- **Selective targeting of mutant *huntingtin* intron 1 improves rescue provided by antisense oligonucleotides in Huntington's disease mice** *SCIENCE TRANSLATIONAL MEDICINE*
Bragg, R. M., Landles, C., Smith, E. J., Osborne, G. F., Mathews, E. W., Cantle, J. P., Bates, G. P., Carroll, J. B.
2026; 18 (841): eadv0702
- **Suppression of Huntington's Disease Somatic Instability by Transcriptional Repression and Direct CAG Repeat Binding** *NATURE COMMUNICATIONS*
Mathews, E. W., Coffey, S. R., Gartner, A., Belgrad, J., Bragg, R. M., O'Reilly, D., Cantle, J. P., McHugh, C., Summers, A., Fentz, J., Schwagarus, T., Cornelius, A., Lingos, et al
2025; 16 (1): 10009
- **Global huntingtin knockout in adult mice leads to fatal neurodegeneration that spares the pancreas** *LIFE SCIENCE ALLIANCE*
Bragg, R. M., Mathews, E. W., Grindeland, A., Cantle, J. P., Howland, D., Vogt, T., Carroll, J. B.
2024; 7 (9)
- **Di-valent siRNA-mediated silencing of MSH3 blocks somatic repeat expansion in mouse models of Huntington's disease** *MOLECULAR THERAPY*
O'Reilly, D., Belgrad, J., Ferguson, C., Summers, A., Sapp, E., McHugh, C., Mathews, E., Boudi, A., Buchwald, J., Ly, S., Moreno, D., Furgal, R., Luu, et al
2023; 31 (6): 1661-1674