

Selected Publications from 2024

The Centre for Genomics Research has contributed to project design, method development/optimisation, data generation or analysis for the following publications:

- Knight, C.G., Nicolitch, O., Griffiths, R.I., Goodall, T., Jones, B., Weser, C., Langridge, H., Davison, J., Dellavalle, A., Eisenhauer, N. and Gongalsky, K.B., 2024. [Soil microbiomes show consistent and predictable responses to extreme events.](#) *Nature*, pp.1-7.
- Sokouri, E.A., Ahouty, B., Abé, I.A., Yao, F.G., Konan, T.K., Nyangiri, O.A., MacLeod, A., Matovu, E., Noyes, H. and Koffi, M., 2024. [Evaluation of the epidemiological situation of intestinal schistosomiasis using the POC-CCA parasite antigen test and the Kato-Katz egg count test in school-age children in endemic villages in western Côte d'Ivoire.](#) *Parasite*, 31, p.66.
- Morgan, G., Pinchbeck, G., Haldenby, S., Schmidt, V. and Williams, N., 2024. [Raw meat diets are a major risk factor for carriage of third-generation cephalosporin-resistant and multidrug-resistant E. coli by dogs in the UK.](#) *Frontiers in Microbiology*, 15, p.1460143.
- Bragg, J.G., Potter, S., Bi, K., Catullo, R., Donnellan, S.C., Eldridge, M.D., Joseph, L., Keogh, J.S., Oliver, P., Rowe, K.C. and Moritz, C., 2017. [Resources for phylogenomic analyses of Australian terrestrial vertebrates.](#) *Molecular ecology resources*, 17(5), pp.869-876.
- Wiener, E., Cottino, L., Botha, G., Nyangiri, O., Noyes, H., McLeod, A., Jakubosky, D., Adebamowo, C., Awadalla, P., Landouré, G. and Matshaba, M., 2024. [An assessment of the genomic structural variation landscape in Sub-Saharan African populations.](#) *Research square*, pp.rs-3.
- Nambala, P., Noyes, H., Namulondo, J., Nyangiri, O., Alibu, V.P., Nerima, B., MacLeod, A., Matovu, E., Musaya, J., Mulindwa, J. and TrypanoGEN+ Research Group as Members of the [H3Africa Consortium](#), 2024. [Transcriptome profiles of Trypanosoma brucei rhodesiense in Malawi reveal focus specific gene expression profiles associated with pathology.](#) *PLOS Neglected Tropical Diseases*, 18(5), p.e0011516.

- Sokouri, E.A., Ahouty Ahouty, B., N'Djetchi, M., Abé, I.A., Yao, B.G.F.D., Konan, T.K., MacLeod, A., Noyes, H., Nyangiri, O., Matovu, E. and Koffi, M., 2024. [Impact of environmental factors on *Biomphalaria pfeifferi* vector capacity leading to human infection by *Schistosoma mansoni* in two regions of western Côte d'Ivoire.](#) *Parasites & vectors*, 17(1), p.179.
- Astuti, Y., Raymant, M., Quaranta, V., Clarke, K., Abudula, M., Smith, O., Bellomo, G., Chandran-Gorner, V., Nourse, C., Halloran, C. and Ghaneh, P., 2024. [Efferocytosis reprograms the tumor microenvironment to promote pancreatic cancer liver metastasis.](#) *Nature cancer*, pp.1-17.