

## Publications

- Blumer, L.M., Burskaia, V., Artiushin, I., Saha, J., Garcia, J.C., Jiménez, F.C., Huysdynen, A. Hooft van der, Elkin, J., Fischer, B., Van Houtte, N., Zhou, C., Gresham, S., Malinsky, M., Linderoth, T., Sawasawa, W., Vernaz, G., Bista, I., Hickey, A., Kucka, M., Louzada, S., Zatha, R., Yang, F., Rusuwa, B., Santos, M.E., Chan, Y.F., Joyce, D.A., Böhne, A., Miska, E.A., Ngochera, M., Turner, G.F., Durbin, R., Svardal, H., 2025. Introgression dynamics of sex-linked chromosomal inversions shape the Malawi cichlid radiation. *Science* 388.. <https://doi.org/10.1126/science.adr9961>
- De Keyzer, E.L.R., Herder, F., Boehne, A., Campuzano Jimenez, F., Burskaia, V., Kukowka, S., Tracey, A., Denton, A.L., Oatley, G., Mokodongan, D.F., Wowor, D., Svardal, H., 2025. Ancient and recent riverine gene flow contributed to the adaptive radiation of sailfin silversides in Wallace's Dreampond.. <https://doi.org/10.1101/2025.04.16.648611>
- Jaarsma, A.H., Sipes, K., Zervas, A., Feord, H.K., Campuzano Jiménez, F., Thøgersen, M.S., Benning, L.G., Tranter, M., Anesio, A.M., 2025. The encoded and expressed biosynthetic potential of Greenland Ice Sheet microbes. *Frontiers in Microbiology* 16.. <https://doi.org/10.3389/fmicb.2025.1620548>
- Jaarsma, A.H., Sipes, K., Zervas, A., Jiménez, F.C., Ellegaard-Jensen, L., Thøgersen, M.S., Stougaard, P., Benning, L.G., Tranter, M., Anesio, A.M., 2023b. Exploring microbial diversity in Greenland Ice Sheet supraglacial habitats through culturing-dependent and -independent approaches. *FEMS Microbiology Ecology* 99.. <https://doi.org/10.1093/femsec/fiad119>
- Jaarsma, A.H., Zervas, A., Sipes, K., Campuzano Jiménez, F., Smith, A.C., Svendsen, L.V., Thøgersen, M.S., Stougaard, P., Benning, L.G., Tranter, M., Anesio, A.M., 2023a. The undiscovered biosynthetic potential of the Greenland Ice Sheet microbiome. *Frontiers in Microbiology* 14.. <https://doi.org/10.3389/fmicb.2023.1285791>
- Jiménez, F.C., Zwaenepoel, A., De Keyzer, E.L.R., Svardal, H., 2025. IdentityByDescentDispersal.jl: Inferring dispersal rates with identity-by-descent blocks [WWW Document].. <https://doi.org/10.48550/ARXIV.2507.06964>
- Kindtler, N.L., Sheikh, S., Zervas, A., Ellegaard-Jensen, L., Feld, L., Scheel, M., Jiménez, F.C., Fonseca, R.R. da, Laursen, K.H., Jacobsen, C.S., Ekelund, F., 2025. Small sample amounts from rhizosphere of barley maintain microbial community structure and diversity revealed by total RNA sequencing. *Plant Methods* 21.. <https://doi.org/10.1186/s13007-025-01397-2>
- Scheel, M., Zervas, A., Rijkers, R., Tveit, A.T., Ekelund, F., Campuzano Jiménez, F., Christensen, T.R., Jacobsen, C.S., 2023. Abrupt permafrost thaw triggers activity of copiotrophs and microbiome predators. *FEMS Microbiology Ecology* 99.. <https://doi.org/10.1093/femsec/fiad123>