

## ICG PUBLICATIONS [formerly CGEB]: 2008 – present

Faculty members (bold), Adjunct & former Associates (\*), trainees (underlined)

### Year 2024:

- Cayer, L.G.J., Surendran, A., **Karakach, T.**, Aukema, H.M., Ravandi, A. (2024) Valvular Prostaglandins are elevated in severe human aortic valve stenosis. *Arteriosclerosis, Thrombosis, and Vascular Biol.*, advance online 10.1161/ATVBAHA.123.320001.
- Collienne, L., **Whidden, C.**, Gavryushkin, A. (2024) Ranked subtree prune and regraft. *Bull. Math Biol.* 86: 24.
- Davoudi, P., Do, D.N., Colombo, S., Rathgeber, B., Sargolzaei, M., Plastow, G., Wang, Z., Hu, G., Valipour, S., Miar, Y. (2024) Genome-wide association studies for economically important traits in mink using copy number variation. *Scientific Rep.* 14: 24.
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- Haider, D., Hall, M.W., LaRoche, J., Beiko, R.G. (2024) Mock microbial community meta-analysis using different trimming of amplicon read lengths. *Environ. Microbiol.* 26: e16566.
- Markowski, E. & **Susko, E.** (2024) Performance of topology tests under extreme selection bias. *Mol. Biol. Evol.* 41: msad280.
- Northrup, V., Perez, L. J., Edgett, B. A., **Karakach, T.**, Simpson, J.A., Brunt, K.R. (2024) Intron retention is a mechanism of erythropoietin regulation in brain cell models. *Gene* 898: 148099.
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- Vahedi, S.M., Salek Ardestani, S., Banabazi, M.H., **Clark, K.F.** (2024) Strong selection signatures for Aleutian disease tolerance acting on novel candidate genes linked to immune and cellular responses in American mink (*Neogale vison*). *Sci. Rep.* 14: 1035.
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- Zhang, W., Kenney, T., Ho, L.S.T. (2024) Evolutionary shift detection with ensemble variable selection. *BMC Ecol. Evol.* 24: 11.

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- Ahmed, O.Y., Rossi, M., **Gagie, T.**, Boucher, C., Langmead, B. (2023) SPUMONI 2: improved classification using a pangenome index of minimizer digests. *Genome Biol.* 24: 122.
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- Biswas, D., De Silva, A., Mercer, A., Sarkar, S., Kienesberger, P., **Langille, M., Vasantha Rupasinghe, H.P., Pulinilkunnil, T.** (2023) Supplementation of cyanidin-3-O-B-glucoside-rich haskap berry

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- Bougon, J., Kadijk, E., Gallot-Lavallee, L., Curtis, B., Landers, M., **Archibald, J.M.**, Khaperskyy, D.A. (2023) Influenza A virus NS1 effector domain is required for PA-X mediated host shutoff. *bioRxiv* [preprint] 2023.10.02.560421.
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- Hansen, L.G., Larsen, L.E., Rasmussen, T.B., **Miar, Y.**, Lassunière, R., Jørgensen, C.S., Ryt-Hansen, P. (2023) Investigation of the SARS-CoV-2 post-vaccination antibody response in Canadian farmed mink. *Vaccine* 41: 7387–7394.
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### **Year 2022:**

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