



Quarterly Newsletter: Winter 2024



Looking back at an extraordinary year

From building the world's largest phage-host atlas to advancing precision medicine, 2023 has been a great year. Join us in celebrating all the incredible milestones of this year and get a look at what's to come in our latest blog post. Wishing you a Happy New Year from the Phase Genomics team!

[READ HERE](#)

Metagenomics Innovation of the Year

This year, we were honored to have been named Metagenomics Innovation Of The Year for 2023 by [BioTech Breakthrough](#), a leading independent market intelligence organization. Here's a look at some of the projects that hit the headlines in 2023.



Phage-host interaction atlas

Throughout 2023, we built upon our rapidly-growing atlas of phage-host interactions, making it the the world's largest. This tool will form the backbone of an AI-powered global biodefense shield for AMR pandemic prevention and phage-based therapeutic discovery. Read more [here »](#)

Transforming cytogenomics

The [OncoTerra Platform](#) is revolutionizing genome structure analysis for oncological studies and clinical research. In recent studies, the platform accurately identified variants previously observed with standard-of-care cytogenetics and detected additional variants, significantly impacting the risk stratification of patients with acute myeloid leukemia. Read more [here »](#)

Ukrainian Startup Day

Last May, we brought together startup founders and ecosystem builders from Ukraine to discuss how the war has impacted their work, their startups' operations, and their forward-looking focus and priorities as leaders and founders, as well as how the global life sciences community can help in the months and years ahead. Watch the event recording [here »](#)

Research Highlights 2023

nature cancer

Article | [Open access](#) | [Published: 02 October 2023](#)

Centuries of genome instability and evolution in soft-shell clam, *Mya arenaria*, bivalve transmissible neoplasia

nature communications

Article | [Open access](#) | [Published: 23 November 2023](#)

Hi-C metagenome sequencing reveals soil phage-host interactions

**Viruses interact with hosts that span
distantly related microbial domains in dense
hydrothermal mats**

MORE PAPERS

Catch us at a Conference

[Plant and Animal Genome \(PAG 31\)](#) – San Diego, CA (Jan. 12-17)

[Microbes in Wastewater](#) – Laguna Beach, CA (Jan. 18-19)

[Precision Medicine World Conference](#) – Silicon Valley, CA (Jan. 24-26)

[AGBT General – Orlando, FL](#) (Feb. 5-8)

Have a project in mind?

Contact Us

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