



Quarterly Newsletter: Winter 2024



A Year in Review

2023

Phase Genomics

Metagenomics Innovation of the Year

Biotech Breakthrough Awards

Transformative Innovations Advancing the Frontiers of Global Public Health

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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