

Additional MetaSub Projects

METACoV: RNA/COVID-19 ENVIRONMENTAL SAMPLING

With the emergence of the COVID-19 pandemic in 2020 the MetaSUB International Consortium banded together to sample urban environments in cities around the globe before, during and after the pandemic. The project aims to characterize the change in the urban metagenome and possibly isolate the presence of the SARS-CoV-2 virus.

2020 – Present

[DETAILS SOON](#) ●



METACATS: DOMESTIC CAT CORONAVIRUSES & MICROBIOME

The MetaCATS Project aims to study the prevalence of SARS-CoV-2 and other coronaviruses in domestic cats, along with their microbial communities or microbiomes. Studies suggest that cats may be more permissive to the SARS-CoV-2 virus infection, however lack of field studies leave a lack of understanding to the transmissibility of the virus in these animals.

2020 – Present

[READ MORE](#) ➔



OLYMPIOME: OLYMPIC GAMES SAMPLING

As a part of a global consortium to monitor cities, the aim of the project is to pioneer the first-ever, city-scale collection and measure of the Olympics, dubbed the Olympiome. The project will track the localization, transit, and persistence of these visitors' metagenomes and determine where they colonize and change the local urban metagenome of the host city, including the presence and the fluctuations of medically relevant entities such as anti-microbial resistance markers (AMRs) and phages.

2016, 2021

[READ MORE](#) ➔

MONUMENTOME: MONUMENT AND LANDMARK SAMPLING

The Monumentome project launched with aims to collect samples from the world's greatest monuments. Primarily to provide the first catalog of microorganisms on monuments around the world, information that can be used by authorities in conserving the monuments.

2018 – Present

[DETAILS SOON](#) ●



Software applications in metagenomics



bioRxiv
THE PREPRINT SERVER FOR BIOLOGY

[HOME](#) | [SUBMIT](#) | [FAQ](#) | [BLOG](#) | [ALERTS / RSS](#) | [RESOURCES](#) | [ABOUT](#) | [CHANNELS](#)



[Advanced Search](#)

New Results

[Follow this preprint](#) Previous

Next

CAMP: A modular metagenomics analysis system for integrated multi-step data exploration

Lauren Mak, Braden Tierney, Cynthia Ronkowski, Rodolfo Brizola Toscan, Berk Turhan, Michael Toomey, Juan Sebastian Andrade Martinez, Chenlian Fu, Alexander G Lucaci, Arthur Henrique Barrios Solano, João Carlos Setubal, James R Henriksen, Sam Zimmerman, Malika Kopbayeva, Anna Noyvert, Zana Iwan, Shraman Kar, Nikita Nakazawa, Dmitry Meleshko, Dmytro Horyslavets, Valeriia Kantsypa, Alina Frolova, Andre Kahles, David Danko, Eran Elhaik, Pawel Labaj, Serghei Mangul, The International MetaSUB Consortium, Christopher E. Mason, Iman Hajirasouliha

doi: <https://doi.org/10.1101/2023.04.09.536171>

This article is a preprint and has not been certified by peer review [what does this mean?].



Abstract

[Full Text](#)

[Info/History](#)

[Metrics](#)

[Preview PDF](#)

Posted September 14, 2024.

[Download PDF](#)

[Print/Save Options](#)

[Supplementary Material](#)

[Revision Summary](#)

[Email](#)

[Share](#)

[Citation Tools](#)

[Get QR code](#)

[Post](#)

[Like 0](#)

COVID-19 SARS-CoV-2 preprints from medRxiv and bioRxiv

Subject Area

Bioinformatics

