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 th 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