

Lettre de Veille Scientifique n°7 7 juin 2022

### Dernières actualités

Global genomic surveillance strategy for pathogens with pandemic and epidemic potential, 2022–2032 (WHO, 05/22)

Résumés des présentations de la séance du 24 mai 2022 (Académie Nationale de Médecine, 24/05/22)

Analyse de risque liée aux variants émergents de SARS-CoV-2 (Santé Publique France, 18/05/22)

Covid-19: pourquoi les variants BA.4 et BA.5 ont été classés comme "inquiétants" par les autorités européennes (La Dépêche.fr, 17/05/22)

Les eaux usées, miroir de notre santé (Québec Science, 25/05/22)

Epidemiological update: SARS-CoV-2 Omicron sub-lineages BA.4 and BA.5 (ECDC, 13/05/22)

Strengthening public health surveillance through wastewater testing: an essential investment for the COVID-19 pandemic and future health threats (The World Bank, 25/01/22)

### Dernières références bibliographiques

Detection of SARS-CoV-2 and Other Viruses in Wastewater: Optimization and Automation of an Aluminum Hydroxide Adsorption—Precipitation Method for Virus Concentration. ACS EST Water, in press. <a href="https://doi.org/10.1001/journal.org/">Abstract >></a>

Estimating Relative Abundance of 2 SARS-CoV-2 Variants through Wastewater Surveillance at 2 Large Metropolitan Sites, United States. Emerging Infectious Diseases Journal, 28 (5). Abstract >>

Covid-19 in Boise Sewage Anticipates Hospitalizations and Deaths by 1-2 Weeks. Undergraduate Research Showcase, 83. Abstract >>



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Wastewater treatment plant operators report high capacity to support wastewater surveillance for COVID-19 across New York State, USA. Science of The Total Environment, in press. <u>Abstract >></u>

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Wastewater based epidemiology as a silent sentinel of the trend of SARS-CoV-2 circulation in the community in central Argentina. Water Research, in press. <u>Abstract >></u>

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Monitoring SARS-CoV-2 in the Wastewater and Rivers of Tapachula, a Migratory Hub in Southern Mexico. Food and Environmental Virology, in press. <u>Abstract >></u>

Integration of RT-LAMP and Microfluidic Technology for Detection of SARS-CoV-2 in Wastewater as an Advanced Point-of-Care Platform. Food and Environmental Virology, in press. Abstract >>

Improved methods for the detection and quantification of SARS-CoV-2 RNA in wastewater. Scientific Reports, 12, 7201. Abstract >>

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