

Lettre de Veille Scientifique n°6 24 juillet 2023

Dernières actualités

Someone in Ohio is shedding new strain of COVID into sewers, professor says ([cleveland.com, 09/06/23](https://www.cleveland.com/news/2023/06/09/ohio-sewer-covid-strain/))

Want to Predict the Next Big COVID-19 Variant to Hit the U.S.? Look to Airports ([Time, 14/06/23](https://www.time.com/time/health/2023/06/14/covid-19-variant-airports/))

Analyse de risque liée aux variants émergents de SARS-CoV-2 MAJ au 26/06/2023 ([Santé Publique France, 26/06/23](https://www.santepubliquefrance.fr/fr/actualites/2023-06-26-analyse-de-risque-liee-aux-variants-emergents-de-sars-cov-2))

Importance of Wastewater Surveillance of SARS-CoV-2 ([News Medical Life Sciences, 21/06/23](https://www.news-medical-life.com/news/2023/06/21/importance-of-wastewater-surveillance-of-sars-cov-2/))

PHAC Wastewater Surveillance Program for COVID-19 ([National Collaborating Centre for Infectious Diseases, 04/07/23](https://www.nccid.ca/2023/07/04/phac-wastewater-surveillance-program-for-covid-19/))

Wastewater surveillance highlights significant underestimation of COVID-19 cases in Canada ([News Medical Life Sciences, 03/07/23](https://www.news-medical-life.com/news/2023/07/03/wastewater-surveillance-highlights-significant-underestimation-of-covid-19-cases-in-canada/))

Autres pathogènes d'intérêt :

CDC Greatly Expands Number of Infectious Disease Targets for National Wastewater Surveillance ([Genome web, 14/06/23](https://www.genomeweb.com/healthcare/cdc-expands-infectious-disease-targets-for-national-wastewater-surveillance/))

U.S. wastewater data : Mpox virus detection in wastewater in the past 4 weeks, United States ([Center for Disease Control and Prevention, 21/06/23](https://www.cdc.gov/media/releases/2023/s0721-mpox-wastewater.html))

The importance of wastewater-based epidemiology ([Innovation News Network, 21/06/23](https://www.innovationnewsnetwork.com/news/2023/06/21/the-importance-of-wastewater-based-epidemiology/))

Wastewater monitoring can be an effective tool for global disease surveillance ([News Medical Life Sciences, 06/07/23](https://www.news-medical-life.com/news/2023/07/06/wastewater-monitoring-can-be-an-effective-tool-for-global-disease-surveillance/))

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Geospatially-resolved public-health surveillance via wastewater sequencing. *medRxiv*, 2023.05.31.23290781. [Abstract >>](#)

Wastewater monitoring for detection of public health markers during the COVID-19 pandemic: Near-source monitoring of schools in England over an academic year. *PLOS ONE* 18(5): e0286259. [Abstract >>](#)

Is SARS-CoV-2 a concern in the largest wastewater treatment plant in middle east? *Heliyon*, 9 (6), e16607. [Abstract >>](#)

Wastewater Surveillance for SARS-CoV-2 in an Atlanta, Georgia Jail: A study of the feasibility of wastewater monitoring and correlation of building wastewater and individual testing results. *medRxiv*, 2023.05.17.23290000. [Abstract >>](#)

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Environmental Stability and Transmissibility of Enveloped Viruses at Varied Animate and Inanimate Interfaces. Environment & Health, in press. [Abstract >>](#)

Wastewater-based prediction of COVID-19 cases using a random forest algorithm with strain prevalence data: A case study of five municipalities in Latvia. Science of The Total Environment, in press. [Abstract >>](#)

Using Detrending to Assess SARS-CoV-2 Wastewater Loads as a Leading Indicator of Fluctuations in COVID-19 Cases at Fine Temporal Scales: Correlations Across Twenty Sewersheds in North Carolina. Earth ArXiv, 2023-06-03. [Abstract >>](#)

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Eurofins Covid-19 Sentinel™ Wastewater Test Provides Early Warning of COVID-19. Medical Research Archives, 11 (6). [Abstract >>](#)

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