

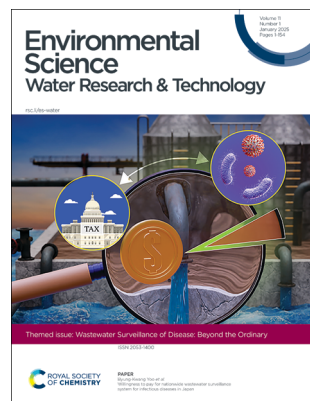
Environmental Science Water Research & Technology

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ISSN 2053-1400 CODEN ESWRAR 11(1) 1–154 (2025)



Cover

See Byung-Kwang Yoo et al.,
pp. 29–38.

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EDITORIAL

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Wastewater surveillance for public health: *Quo Vadis?*

Graham Gagnon, Lauren Stadler, Aaron Bivins,
Laurent Moulin and Masaaki Kitajima

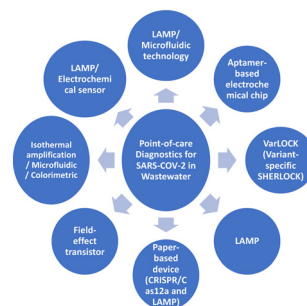


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Ahmed Donia, Nonsikelelo Precios Mthethwa-Hlongwa,
Isaac Dennis Amoah, Sheena Kumari and Faizal Bux*



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Elemental answers



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Willingness to pay for nationwide wastewater surveillance system for infectious diseases in Japan

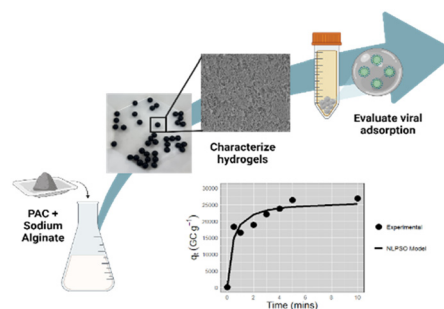
Byung-Kwang Yoo,* Rei Goto, Masaaki Kitajima, Tomoko Sasaki and Sebastian Himmler



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Development of a powdered activated charcoal sodium alginate hydrogel bead concentration method for detecting viruses in wastewater

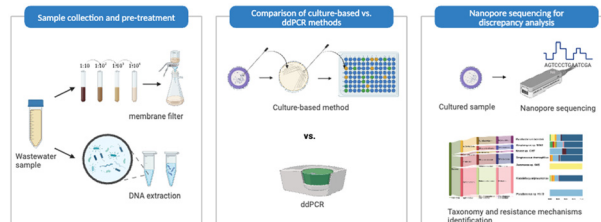
Madison Gouthro, Emalie K. Hayes, Naomi Lewis, Megan Fuller, Jamileh Shojaei, John Frampton, Amina K. Stoddart and Graham A. Gagnon*



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Comparative analysis of culture- and ddPCR-based wastewater surveillance for carbapenem-resistant bacteria

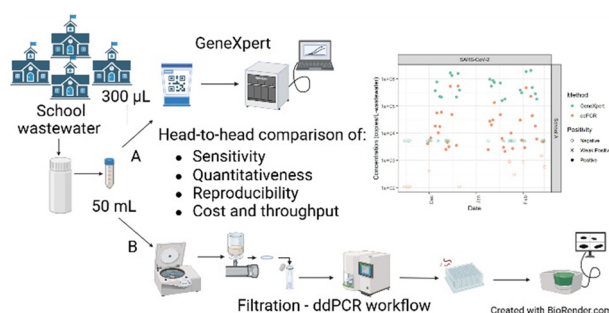
Siyi Zhou, Esther G. Lou, Julia Schedler, Katherine B. Ensor, Loren Hopkins and Lauren B. Stadler*

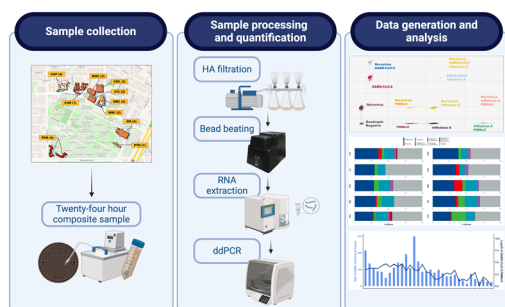


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Assessment and application of GeneXpert rapid testing for respiratory viruses in school wastewater

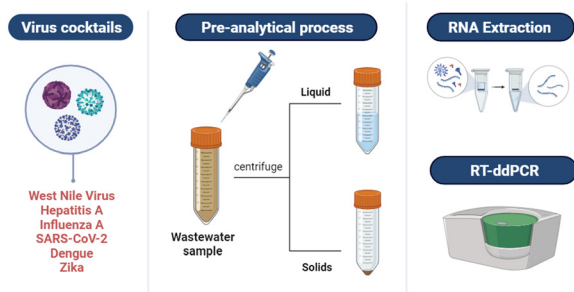
Jingjing Wu, Katherine B. Ensor, Loren Hopkins and Lauren B. Stadler*





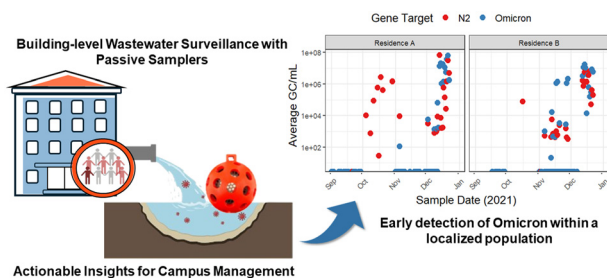
Amplitude multiplexed wastewater surveillance for campus health: tracking SARS-CoV-2, influenza A, and norovirus

Michael A. Saldana, Jiayu Geng, Litao Shen, Angie Ghanem-Uzqueda, Sarah Van Orman, Kimberly B. Tilley, Dick Sun, Deona Willes and Adam L. Smith*



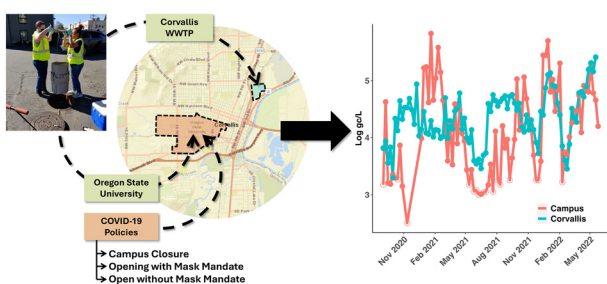
Solid-liquid partitioning of dengue, West Nile, Zika, hepatitis A, influenza A, and SARS-CoV-2 viruses in wastewater from across the USA

Laura Roldan-Hernandez, Camila Van Oost and Alexandria B. Boehm*



Detection of Omicron variant in November 2021: a retrospective analysis through wastewater in Halifax, Canada

Emalie K. Hayes, Crystal Sweeney, Amina K. Stoddart and Graham A. Gagnon*



Beyond campus borders: wastewater surveillance sheds light on university COVID-19 interventions and their community impact

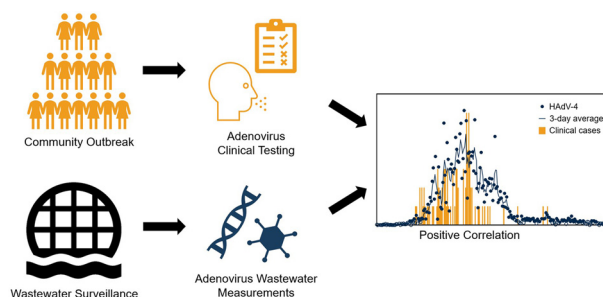
David Lisboa, Devrim Kaya, Michael Harry, Casey Kanalos, Gabriel Davis, Oumaima Hachimi, Shana Jaaf, David Mickle, Dana Alegre, Katherine Carter, Steven Carrell, Mark Dasenko, Nathan Davidson, Justin Elser, Matthew Geniza, Anne-Marie Girard, Brent Kronmiller, Matthew Peterson, Elizabeth Zepeda, Christine Kelly and Tyler S. Radniecki*



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Amrita Muralidharan, Rachel Olson, C. Winston Bess and Heather N. Bischel*

