

Stanford



Meri Varkila

Postdoctoral Scholar, Infectious Diseases

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Early Career Award, Thrasher Research Fund (2024)
- Global Health Postdoctoral Affiliate, Center for Innovation in Global Health (CIGH), Stanford University

STANFORD ADVISORS

- Julie Parsonnet, Postdoctoral Faculty Sponsor
- Julie Parsonnet, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Acceptance of SARS-CoV-2 Surveillance Testing Among Patients Receiving Dialysis: A Cluster Randomized Trial.** *JAMA network open*
Montez-Rath, M., Varkila, M., Yu, X., Brillhart, S., Morgan, C., Leppink, A., Block, M. S., Mehta, S., Hunsader, P., Fountaine, A., Subramanian, N., Dittrich, M., Owens, et al
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- **Observations of Respiratory Syncytial Virus (RSV) Nucleic Acids in Wastewater Solids Across the United States in the 2022-2023 Season: Relationships with RSV Infection Positivity and Hospitalization Rates.** *ACS ES&T water*
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- **Use of Wastewater Metrics to Track COVID-19 in the US.** *JAMA network open*
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2023; 6 (7): e2325591
- **Feasibility and Acceptability of SARS-CoV-2 Screening among Patients Receiving Hemodialysis: A Pilot Study.** *Clinical journal of the American Society of Nephrology : CJASN*
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- **Glycan-specific IgM is critical for human immunity to Staphylococcus aureus.** *Cell reports. Medicine*
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- **Two-step interpretable modeling of ICU-AIs** *ARTIFICIAL INTELLIGENCE IN MEDICINE*

- Lancia, G., Varkila, M. J., Cremer, O. L., Spitoni, C.
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- **Gut barrier dysfunction and the risk of ICU-acquired bacteremia- a case-control study.** *Annals of intensive care*
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 - **Observations of Respiratory Syncytial Virus (RSV) Nucleic Acids in Wastewater Solids Across the United States in the 2022-2023 Season: Relationships with RSV Infection Positivity and Hospitalization Rates** *ACS ES&T WATER*
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2024
 - **Use of wastewater metrics to track COVID-19 in the U.S.: a national time-series analysis over the first three quarters of 2022.** *medRxiv : the preprint server for health sciences*
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2023
 - **Transportability and Implementation Challenges of Early Warning Scores for Septic Shock in the ICU: A Perspective on the TREWScore** *FRONTIERS IN MEDICINE*
Niemantsverdriet, M. A., Varkila, M. J., Vromen-Wijsman, J. P., Hoefler, I. E., Bellomo, D., van Vliet, M. H., van Solinge, W. W., Cremer, O. L., Haitjema, S.
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 - **Human plasma IgG1 repertoires are simple, unique, and dynamic.** *Cell systems*
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 - **Mortality review as a tool to assess the contribution of healthcare-associated infections to death: results of a multicentre validity and reproducibility study, 11 European Union countries, 2017 to 2018.** *Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin*
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 - **Glycoproteoform Profiles of Individual Patients' Plasma Alpha-1-Antichymotrypsin are Unique and Extensively Remodeled Following a Septic Episode.** *Frontiers in immunology*
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 - **Profile of the SeptiCyte™ LAB gene expression assay to diagnose infection in critically ill patients.** *Expert review of molecular diagnostics*
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