



# The gut microbiome at the intersection of public health and social equity

Michael J. Sieler Jr.<sup>1,2</sup>

Affiliations: 1) Department of Microbiology, Oregon State University; 2) Food and Nutrition Section, Oregon Public Health Association



Oregon State University

## A GUT MICROBIOME-CENTERED FRAMEWORK

The gut microbiome (GMB) supports human health

- GMB is the community of microorganisms found along the gastro-intestinal tract.
- The GMB mediates socio-environmental factors and individual health.

A GMB-centered framework can guide more equitable public health policies.

- Provides a holistic, ecological understanding of how public health & social equity issues are interconnected via GMB
- Addresses health disparities at systemic, environmental, and individual levels

Integrating GMB research into public health strategies can enhance interventions and outcomes.

- A GMB-centered view enables more personalized and effective health interventions for individuals and communities.



Find Michael:  
• [LinkedIn.com/in/mjsielerjr/](https://www.linkedin.com/in/mjsielerjr/)  
• [MichaelSieler.com](https://www.MichaelSieler.com)

Scan QR Code:  
• View poster digitally  
• Audio/video options

